Revamping of Material Recovery Facility (MRF) including installation of Machinery and construction of Compost Plant in Municipal Areas of Korba, Chhattisgarh

OFFICE OF THE NAGAR NIGAM KORBA

CHHATTISGARH

NOTICE INVITING TENDER

Main Portal: https://eproc.cgstate.gov.in

SYSTEM TENDER NO. 179579 (2nd Call)

NIT NO: 322/Kosabadi/2025

Dated 14/11/2025

Online tender are invited by the Commissioner, Korba for the following work in Form "A" for PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS from the contractors registered with Unified Registration System (Single Window) on GoCG PWD & e-Procurement System Portal (https://eproc.cgstate.gov.in) as per the 'key Dates' mentioned below. All other conditions for submission of tenders and criteria for prequalification etc. have been mentioned in the tender documents.

Sr.	. Name of Work	
No	Traine of Work	Revamping of Material Recovery Facility (MRF) including installation of Machinery and construction of Compost Plant in Municipal Areas of Korba, Chhattisgarh
1	Probable Amount of	Korba, Chhattisgarh f Rs 878.93 Lakhs
2	Contract	The second secon
2	Method of Selection	Least cost selection method will be used:
		The Contractor quoted least seed:
		The Contractor quoted least cost in the financial offer will be declared as successful Bidder.
3	Earnest Money (EMD)	Rs 4 39 Lakhe in form of TDD (TD
	1 1	Rs 4.39 Lakhs in form of TDR/FDR in favour of Commissioner, Korba.
		The FMD should be used
		The EMD should be valid for at least 12 months from the Bid due Date & shall be in auto-renewal mode. EMD will be
	2 3	bidders after the award of contract.
		For All
		For the successful bidder, the EMD shall only be released upon submission of Performance Guarantee as por too decide to the successful bidder.
4	Time allowed for	submission of Performance Guarantee as per tender documents. • Construction Period - 06 months (6)
•	rime allowed for completion (including	The state of the s
	rainy seesan)	
	rainy season)	Trial run – 03 months.
5	Cost of Tender	
	document fee	Rs. 10000/- (Rupees Ten Thousand only) in the form of DD in favour of COMMISSIONER, Korba.
;	Validity of offer	COMMISSIONER, Korba.
		120 days from the last date of submission of bid.
1		III Class B or above registered with Unified Decision
	Joint venture	Not Allowed
-	5 51111	
- 5	Pre-Bid Meeting	A Prebid meeting in context of this project shall be held in the office of Commissioner, Korba (as per tender Notice) (0.0)
3		Commissioner, Korba (as per tender Notice) / Online as per the details
-	3) A	provided in detailed tender document.

For further clarifications regarding Digital signature, The Bidders may contact M/s Mjunction Service Ltd., on helpdesk Toll free number 1800 419 9140 or through Email ID pro-chips@gov.in they may

Revamping of Material Recovery Facility (MRF) including installation of Machinery and construction of Compost Plant in Municipal Areas of Korba, Chhattisgarh contact to Mr. Shailesh Kumar Soni, Sr. Manager, Chhattisgarh Infotech Promotion Society (CHIPS) on Tel. No. 0771-4014158

The tender documents containing detailed terms & conditions are available for free download on GoCG e-Procurement portal http://eproc.cgstate.gov.in through sub portal of Urban Administration & Development Department http://uad.cg.gov.in Bidders have to quote online their prices along with Technical and Commercial bids in prescribed formats on the above mentioned portal only.

The Bidders intending to participate in this Tender are required to get enrolled on the above-mentioned website and get empaneled on the Sub-Portal of Urban Administration & Development Department. Enrolment on the above-mentioned Portal is mandatory. As the online Bids are required to be digitally signed, Bidders are required to obtain Class – II Digital Signature Certificates (DSCs).

The Bidders are also invited to get themselves trained on the operations of the e-Procurement System. Bidders may get in touch with the Service Provider of the e-Procurement System for confirming the time and date for their training session.

COMMISSIONER, Municipal Corporation Korba (C.G.)

प्रतिलिपि -

प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, रायुपर को uad.cg.gov.in में अपलोड करने हेतु प्रेषित।

Revamping of Material Recovery Facility (MRF) including installation of Machinery and construction of Compost Plant in Municipal Areas of Korba, Chhattisgarh

SYSTEM TENDER No. 179579 (2nd Call)

NIT No. / 322/Kosabadi / SBM-U 2.0 / 2025-26 Korba,

Dated 14/11/2025

Key Dates

Task	Date	Time
Bid Start Date	14/11/2025	17:00
Last date for submission of Prebid queries Email: corporationkorba@gmail.com		
Prebid Meeting Link - meet.google.com/fvz-zntz-ttr		
Bid Due Date	28/11/2025	17:30
Physical Doc Submission End Date	02/12/2025	16:00
Bid Open Date (Scheduled)	02/12/2025	17:00

COMMISSIONER, Municipal Corporation Korba (C.G.)

Cost Estimate For Solid Waste Management At Nagar Nigam Korba (C.G.)

A	Tulsi Nagar, Ward No 2	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Extension of Area For Baled & Recyclable Material	1217262.24
2	Wet Waste Tipping Shed	348271.89
3	External C.C. Flooring	246510.00
4	SLRM Revamping Work	444869.16
5	Rain Water Harvesting	32001.00
6	Plumbing & Sanitary Work	47635.00
	Total I	2336549.29
	Part - III NON-SOR ITEM	
7	Fatka Machine	180000.00
8	Conveyor Belt	155000.00
9	HDPE Wheel Container (10 Nos.)	13750.00
10	Weigh Bridge	225000.00
11	Bale Trolley (03 Nos.)	20400.00
12	Surveillance Camera	17813.00
13	Turbine Vetilator	15000.00
	Total	626963.00
	Total -II	626963.00
	Total Of Part (I+II)	2963512.29
B	Minimata Ward No 25	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed Extension For Baling & Fatka Machine	289279.00
2	Shed Extension For Baled & Recyclable Material	276322.00
3	Wet Waste Tipping Shed	166839.36
4	SLRM Revamping Work	631867.56
5	Rain Water Harvesting	32001.00
6	Plumbing & Sanitary Work	47635.00
	Total I	1443943.92

	Part - III NON-SOR ITEM	
6	Baling Machine	450000.00
7	Fatka Machine	180000.00
8	Conveyor Belt	155000.00
9	HDPE Wheel Container (10 Nos.)	13750.00
10	Weigh Bridge	225000.00
11	Bale Trolley (03 Nos.)	20400.00
12	Surveillance Camera	17813.00
13	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2520906.92
C	Aramasheen, Ward No 20	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Extension of Area For Baled & Recyclable Material	580808.00
2	Wet Waste Tipping Shed	348271.89
3	SLRM Revamping Work	713836.66
4	Rain Water Harvesting	32001.00
5	Plumbing & Sanitary Work	47635.00
	Total I	1722552.55
	Part - III NON-SOR ITEM	
6	Baling Machine	450000.00
7	Fatka Machine	180000.00
8	Conveyor Belt	155000.00
9	HDPE Wheel Container (10 Nos.)	13750.00
	Weigh Bridge	225000.00
	Bale Trolley (03 Nos.)	20400.00
	Surveillance Camera	17813.00
13	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2799515.55

D	Manikpur, Ward No 30	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed Extension For Baled & Recyclable Material	303535.00
2	Wet Waste Tipping Shed	166839.36
3	SLRM Revamping Work	652185.96
4	Rain Water Harvesting	32001.00
5	Plumbing & Sanitary Work	47635.00
6	Electrical & Repairing Work	49020.00
	Total I	1251216.32
	Part - III NON-SOR ITEM	
7	Baling Machine	450000.00
8	Fatka Machine	180000.00
9	Conveyor Belt	155000.00
10	HDPE Wheel Container (10 Nos.)	13750.00
11	Weigh Bridge	225000.00
12	Bale Trolley (03 Nos.)	20400.00
13	Surveillance Camera	17813.00
14	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2328179.32
E	Ayodhyapuri, Ward No 46	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed For BalING & Fatka Machine And Baled Storage	785295.00
2	C.C. Flooring	282366.00
3	C.C. Road	330580.00
4	Boundary Wall & Fencing	290578.04
5	Wet Waste Tipping Shed	348271.89
6	SLRM Revamping Work	421310.76
7	Rain Water Harvesting	32001.00
8	Plimbing & Sanitary Work	47635.00
	Total I	2538037.69

	Part - III NON-SOR ITEM	
9	Baling Machine	450000.00
10	Fatka Machine	180000.00
11	Conveyor Belt	155000.00
12	HDPE Wheel Container (10 Nos.)	13750.00
13	Weigh Bridge	225000.00
14	Bale Trolley (03 Nos.)	20400.00
15	Surveillance Camera	17813.00
16	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	3615000.69
F	Darrikhar, Ward No 52	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Baled & Recyclable Material Storage Room	659866.55
2	C.C. Flooring	466128.00
3	C.C. Road	826450.00
4	Boundary Wall & Fencing	407791.62
5	Wet Waste Tipping Shed	348271.89
6	SLRM Revamping Work	350750.76
7	Rain Water Harvesting	32001.00
8	Plumbing & Sanitary Work	47635.00
	Total I	3138894.82
	Part - III NON-SOR ITEM	
9	Baling Machine	450000.00
	Fatka Machine	180000.00
	Conveyor Belt	155000.00
	HDPE Wheel Container (10 Nos.)	13750.00
	Weigh Bridge	225000.00
	Bale Trolley (03 Nos.)	20400.00
	Surveillance Camera	17813.00
16	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	4215857.82

G	Nehru Nagar, Ward No 40	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Extension of Area For Baled & Recyclable Material	962387.00
2	Wet Waste Tipping Shed	348271.89
3	SLRM Revamping Work	830249.16
4	Rain Water Harvesting	32001.00
5	Plimbing & Sanitary Work	47635.00
	Total I	2220544.05
	Part - III NON-SOR ITEM	
6	Baling Machine	450000.00
7	Fatka Machine	180000.00
8	Conveyor Belt	155000.00
9	HDPE Wheel Container (10 Nos.)	13750.00
10	Weigh Bridge	225000.00
	Bale Trolley (03 Nos.)	20400.00
12	Surveillance Camera	17813.00
13	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	3297507.05
Н	Lal Ghat, Ward No 34	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed Extension For Baled & Recyclable Material	937996.00
2	Wet Waste Tipping Shed	348271.89
3	SLRM Revamping Work	703503.96
4	Rain Water Harvesting	32001.00
5	Plimbing & Sanitary Work	47635.00
	Total I	2069407.85

	Part - III NON-SOR ITEM	
6	Conveyor Belt	155000.00
7	HDPE Wheel Container (10 Nos.)	13750.00
8	Weigh Bridge	225000.00
9	Bale Trolley (03 Nos.)	20400.00
10	Surveillance Camera	17813.00
11	Turbine Vetilator	15000.00
	Total	446963.00
	Total -II	446963.00
	Total Of Part (I+II)	2516370.85
Ι	Dangania Khar, Ward No 56	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed Extension For Baled & Recyclable Material	303535.00
2	Wet Waste Tipping Shed	166839.36
	SLRM Revamping Work	656117.16
4	Rain Water Harvesting	32001.00
5	Plumbing & Sanitary Work	47635.00
6	Electrical & Repairing Work	49020.00
	Total I	1255147.52
	Part - III NON-SOR ITEM	
	Baling Machine	450000.00
	Fatka Machine	180000.00
	Conveyor Belt	155000.00
	HDPE Wheel Container (10 Nos.)	13750.00
	Weigh Bridge	225000.00
	Bale Trolley (03 Nos.)	20400.00
	Surveillance Camera	17813.00
14	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2332110.52

J	Dewangan Para, Ward No 4	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed Extension For Baling & Fatka Machine	303535.00
2	Shed For Baled Material Storage	511166.00
3	Wet Waste Tipping Shed	166839.36
4	SLRM Revamping Work	656117.16
5	Rain Water Harvesting	32001.00
	Total I	1669658.52
	Part - III NON-SOR ITEM	
6	Baling Machine	450000.00
7	Fatka Machine	180000.00
8	Conveyor Belt	155000.00
9	HDPE Wheel Container (10 Nos.)	13750.00
10	Weigh Bridge	225000.00
11	Bale Trolley (03 Nos.)	20400.00
12	Surveillance Camera	17813.00
13	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2746621.52
K	Sitamani / Imaliduggu, Ward No 8	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Baled & Recyclable Material Storage Room	659866.55
2	Wet Waste Tipping Shed	166839.36
3	SLRM Revamping Work	425720.76
4	Rain Water Harvesting	32001.00
5	Plumbing & Sanitary Work	47635.00
	Total I	1332062.67

	Part - III NON-SOR ITEM	
6	Baling Machine	450000.00
	Fatka Machine	180000.00
8	Conveyor Belt	155000.00
9	HDPE Wheel Container (10 Nos.)	13750.00
10	Weigh Bridge	225000.00
11	Bale Trolley (03 Nos.)	20400.00
12	Surveillance Camera	17813.00
13	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2409025.67
L	Podibahar Ward 29	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Extension of Area For Baled & Recyclable Material	704451.00
2	Wet Waste Tipping Shed	348271.89
	SLRM Revamping Work	634398.66
4	Rain Water Harvesting	32001.00
5	Plumbing & Sanitary Work	47635.00
	Total I	1766757.55
	Part - III NON-SOR ITEM	
	Conveyor Belt	155000.00
	HDPE Wheel Container (10 Nos.)	13750.00
8	Weigh Bridge	225000.00
9	Bale Trolley (03 Nos.)	20400.00
	Surveillance Camera	17813.00
11	Turbine Vetilator	15000.00
	Total	446963.00
	Total -II	446963.00
	Total Of Part (I+II)	2213720.55

M	Vaishali Nagar, Ward No 59	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed For Baled & Recyclable Material	1217262.24
2	Boundary Wall & Fencing	333579.96
3	Wet Waste Tipping Shed	348271.89
4	SLRM Revamping Work	575660.76
	Rain Water Harvesting	32001.00
6	Plumbing & Sanitary Work	47635.00
	Total I	2554410.85
	Part - III NON-SOR ITEM	
7	Baling Machine	450000.00
8	Fatka Machine	180000.00
9	Conveyor Belt	155000.00
10	HDPE Wheel Container (10 Nos.)	13750.00
11	Weigh Bridge	225000.00
	Bale Trolley (03 Nos.)	20400.00
	Surveillance Camera	17813.00
14	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	3631373.85
N	Ravi Shankar Shukl Nagara, Ward No 23	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Extension of Area for Baled & Recyclable Material	796277.00
2	C.C. Road	264464.00
3	Wet Waste Tipping Shed	166839.36
4	SLRM Revamping Work	631867.56
5	Rain Water Harvesting	32001.00
6	Plimbing & Sanitary Work	47635.00
7	Electrification & Repairing Work	49020.00
	Total I	1988103.92

	Part - III NON-SOR ITEM	
8	Baling Machine	450000.00
9	Fatka Machine	180000.00
10	Conveyor Belt	155000.00
11	HDPE Wheel Container (10 Nos.)	13750.00
12	Weigh Bridge	225000.00
13	Bale Trolley (03 Nos.)	20400.00
14	Surveillance Camera	17813.00
15	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	3065066.92
0	Rampur, Ward No 33	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Extension of Area For Baling & Fatka Machine	334134.00
2	Extension of Area For Baled & Recyclable MATERIAL	318081.00
3	Wet Waste Tipping Shed	166839.36
4	SLRM Revamping Work	427251.87
5	Rain Water Harvesting	32001.00
6	Plimbing & Sanitary Work	47635.00
7	Electrical & Repairing Work	49020.00
	Total I	1374962.23
	Part - III NON-SOR ITEM	
8	Baling Machine	450000.00
9	Fatka Machine	180000.00
	Conveyor Belt	155000.00
	HDPE Wheel Container (10 Nos.)	13750.00
	Weigh Bridge	225000.00
	Bale Trolley (03 Nos.)	20400.00
	Surveillance Camera	17813.00
15	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2451925.23

P	Jamnipali, Ward No 51	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Extension of Area For Baled & Recyclable Material	442398.00
2	Shed For Baled Material Storage	741002.00
3	Wet Waste Tipping Shed	166839.36
4	SLRM Revamping Work	631637.16
5	Rain Water Harvesting	32001.00
6	Plimbing & Sanitary Work	47635.00
7	Electrification & Repairing Work	49020.00
	Total I	2110532.52
	Part - III NON-SOR ITEM	
8	Baling Machine	450000.00
9	Fatka Machine	180000.00
10	Conveyor Belt	155000.00
11	HDPE Wheel Container (10 Nos.)	13750.00
12	Weigh Bridge	225000.00
13	Bale Trolley (03 Nos.)	20400.00
14	Surveillance Camera	17813.00
15	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	3187495.52
Q	Pump House, Ward No 14	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed Extension For Baling & Fatka Machine	610103.00
2	Wet Waste Tipping Shed	348271.89
3	SLRM Revamping Work	319690.80
4	Rain Water Harvesting	32001.00
	Total I	1310066.69

	Part - III NON-SOR ITEM	
5	Baling Machine	450000.00
6	Fatka Machine	180000.00
7	Conveyor Belt	155000.00
8	HDPE Wheel Container (10 Nos.)	13750.00
9	Weigh Bridge	225000.00
10	Bale Trolley (03 Nos.)	20400.00
11	Surveillance Camera	17813.00
12	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2387029.69
R	Kharmora, Ward No 35	
	COST OF SLRM CENTRE	
	Part - I SOR ITEM	
	CIVIL WORK	
1	Shed Extension For Baling & Fatka Machine	610103.00
2	Wet Waste Tipping Shed	348271.89
3	SLRM Revamping Work	319690.80
4	Rain Water Harvesting	32001.00
	Total I	1310066.69
	Part - III NON-SOR ITEM	
5	Baling Machine	450000.00
6	Fatka Machine	180000.00
7	Conveyor Belt	155000.00
8	HDPE Wheel Container (10 Nos.)	13750.00
9	Weigh Bridge	225000.00
	Bale Trolley (03 Nos.)	20400.00
11	Surveillance Camera	17813.00
12	Turbine Vetilator	15000.00
	Total	1076963.00
	Total -II	1076963.00
	Total Of Part (I+II)	2387029.69

S	Barbaspur, Ward No 9	
	COST OF COMPOST PLANT	
	Part - I SOR ITEM	
	CIVIL INFRASTRUCTURE	
1	Windrow Compost Plant	16745053.68
2	Leachate Tank	380529.08
3	Curing Shed	4573835.61
4	Storage Room	2434524.48
5	C.C. Road	7015738.50
6	Paved Area	1174177.00
7	Boundary Fencing	1654914.65
8	Storm Water Drain	1204028.06
9	Rain Water Harvesting	32001.00
	Total - I	35214802.06
	Part - II NON-SOR ITEM	
10	Weigh Bridge	480000.00
11	Shredder Machine	590000.00
12	Turnner Machine	495000.00
13	Wheel Barrow (5 nos)	27500.00
14	Surveillance Camera	17813.00
	Total	1610313.00
	Total -II	1610313.00
	Total Of Part (I+II)	36825115.06
	Total Of 18 SLRM Centers & 1 Compost Plant	87893364.69
	Grand Total	87893364.69

	PROPOSED SHED FOR STORAGE (15.00X10.00 M.)										
S.No.	PARTICULAR	N	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)	
1	Excavation for all types and sizes of foundations, trenches and drains or fo any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil										
	F1-		10	1.80	1.80	1.50	48.60				
	(BUILDING SOR ITEM NO1.1.1/9)						48.60	CUM	185.00	8991.00	
2	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Sand Filling F1- Floor Area		10	1.80 15.00	1.80	0.10	3.24 90.00				
	(BUILDING SOR. ITEM NO1.18/11)		1	13.00	10.00	0.00	93.24	CUM	371.00	34592.00	
	(Delibert of Sold II Ell I (or IVI)						7.5.1		0,100		
3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size). M-10 F1-		10	1.80	1.80	0.10	2.24				
	Floor Area		10	15.00	10.00	0.10	3.24 90.00				
	(BUILDING SOR. ITEM NO 3.1.3/23)		1	13.00	10.00	0.00	93.24	CUM	2970.00	276922.80	
4	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement. 40 mm thick										
	Floor area		1	15.00	10.00		150.00	sqm	222.00	33300.00	
	(BUILDING SOR ITEM NO 12.3)										
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20 Footing-										
	F1-		10	1.50	1.50	0.30	6.75				
	Colunm upto Ground level-										
	C1-		10	0.45	0.30	1.00	1.35				
	Colunm Above Ground level- C1-		10	0.45	0.30	4.00	5.40				
	Ci		10	0.43	0.50	4.00	3.40				
	(BUILDING SOR ITEM NO 3.2/23)						13.50	CUM	4163.00	56201.00	
6	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.										
	(BUILDING SOR ITEM NO 1.17)						29.16	CUM	65.00	1895.40	
7	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415		0			2.2	12.50				
	(BUILDING SOR, ITEM NO3.12.1/24)		Qua	ntity as p		1 3.3	13.50 1080.00	KG	54.50	58860.00	
	(BUILDING SUK, ITEM NU5.12.1/24)			ourg/	Cum		1000.00	NU	34.30	20000.00	
8	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.										

S.No.	PARTICULAR	N	O.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Footing-								`	
	F1-		10	6.00	-	0.30	18.00			
	Column upto Ground level-		10	1.50		1.00	15.00			
	Column Above Cround level		10	1.50	-	1.00	15.00			
	Column Above Ground level-		10	1.50		4.00	60.00			
	CI-		10	1.30		4.00	00.00			
	(BUILDING SOR ITEM NO 2.1.1/16)						93.00	SQ.M	139.00	12927.00
	(BUILDING BURTILWING, ZIMI/10)						72.00	54	157.00	12,2,.00
9	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to									
9	IS:12894-2002 of class designation 4.0 in foundation and plinth in:									
	Cement Mortar 1:6 (1 cement : 6 coarse sand)									
	Long wall	2	4	3.37	0.20	4.00	21.57			
	Short wall	1	2	9.10	0.20	4.00	14.56			
	For Traingular Area (1/2xbxh)(1/2x5x1.2 = 3.00 sqm)	2	2	3.00	sqm	0.20	2.40			
	Deduction W	1	4	1.20	0.20	1.20	1 15			
		1	1	1.20 3.77	0.20	1.20 3.50	-1.15 -2.64			
	Rolling Shutter (BUILDING SOR ITEM NO 7.5.4)	1	1	3.11	0.20	٥.٥٥	34.74	Cum	3263.00	113346.83
	(BUILDING SOR ITEM NO." / J.J.)						J 1 ./4	Culli	5205.00	113370.03
10	11.2 Providing and making 12mm thick cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)									
	Long wall	2	4	3.37		4.00	107.84			
	Short wall	1	2	9.10		4.00	72.80			
	For Traingular Area $(1/2xbxh)(1/2x5x1.2 = 3.00 \text{ sqm})$	2	2	3.00			12.00			
	Deduction									
	W	1	4	1.20		1.20	-5.76			
	Rolling Shutter	1	1	3.77		3.50	-13.20			
	(BUILDING SOR ITEM NO 11.2.4)						173.69	Sqm	91.50	15892.18
11	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall 11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)									
	C1-		10	1.50		4.00	60.00			
	Long wall	2		3.37		4.20	113.23			
	Short wall	1	2	9.10		4.20	76.44			
	For Traingular Area $(1/2xbxh)(1/2x5x1.2 = 3.00 \text{ sqm})$	2	2	3.00			12.00			
	Deduction									
	W	1	4	1.20		1.20	-5.76			
	Rolling Shutter	1	1	3.77		3.50	-13.20			
	(BUILDING SOR ITEM NO 11.3)						242.72	Sqm	113.00	27427.02
12	Supplying and fixing rolling shutter of approved makes made of M.S. laths interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and out side locking with push and pull arrangement complete but excluding the cost of top cover and spring.									
	Rolling Shutter	1	1	3.77		3.50	13.20	Sqm	1691.00	22312.75
	(BUILDING SOR ITEM NO 9.27.1)									
10	D :1: 16: 275 1									
13	Providing and fixing 27.5cm long wire spring for rolling shutters.						2.00	00.01-	262.00	724.00
	(BUILDING SOR ITEM NO 9.28)						2.00	each	362.00	724.00
14	Providing and fixing M.S. sheet top cover for rolling shutter									
14	(BUILDING SOR ITEM NO 9.29)	1	1	3.77			3.77	Sqm	540.00	2035.80
	(DOLDDING DOKTEMING-7/27)	-	1	3.11			5.11	Sqiii	2 10.00	2033.00
15	Providing and fixing ball bearing for rolling shutters									
	(BUILDING SOR ITEM NO 9.30)						2.00	each	423.00	846.00
	9.15 Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including									
16	applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.									
	W	1	4	1.20		1.20	5.76			
	For Qty of steel= Areax25.0 kg/Sqm	5.76	X	25.00		0	144.00	kg	67.50	9720.00
	(BUILDING SOR ITEM NO 9.15)			2.00				0		
	(BUILDING SORTIEM NO 2.13)									

S.No.	PARTICULAR	N	IO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
15	9.51 Providing and fixing glazing in aluminium door, window, ventilator								(in Rs.)	(In Ks.)
17	shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):									
	With float glass panes of 5 mm thickness						5.76	Sqm	708.00	4078.08
	(BUILDING SOR ITEM NO 9.51)									
18	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. 9.3.2 Electric resistance or induction butt welded tubes Grade-300 Purlin Tie beam NB 50mm Dia principal rafter NB 65, 5.16 mm thick bottom chord Post NB 65 Post NB 50, 3.91 thick Post NB 50 Post NB 50 Post NB 50	1.00 5.00 5.00 5.00 5.00 5.00 5.00	16.00 2.00 1.00 2.00 2.00 2.00 2.00 2.00	15.00 5.60 11.20 0.85 0.60 0.35	@ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @	5.44 8.63 8.63 8.63 5.44 5.44	1305.60 483.28 483.28 103.56 46.24 32.64 19.04			
	Post NB 50	5.00	2.00	0.20	(a)	5.44	10.88			
	webs 50mm dia	5.00	2.00	1.45	@	5.44	78.88			
		5.00	2.00	1.35	<u>a</u>	5.44	73.44 68.00			
		5.00	2.00	0.75	(a)	5.44	40.80			
	Wind tie 32x5mm		2.00	15.00	<u>@</u>	1.30	195.00			
							2940.64			
	(Extra for gusset, , washer bolting connection etc)	10%				LS	294.06	V.C	02.50	202444.92
							3234.70	KG	93.50	302444.82
19	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and									
	Top Roof	1	2	15.00	5.60	-	168.00			
	(BUILDING SOR ITEM NO 10.12/91)						168.00	SQM	693.00	116424.00
20	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:									
	10.16.1 Ridges plain (500-600mm)	1	1	15.00			15.00	Mtr	552.00	8280.00
	(BUILDING SOR ITEM NO 10.16)									
21	Providing and fixing 15 cm. wide 45cm. overall semi circular plain G.I. sheet gutter with iron brackets 40x3 mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipe complete as per designs. 0.63 mm thick sheet (BUILDING SOR ITEM NO - 10 16 6)	1	2	15.20			30.40	Mtr	629.00	19121.60
	(DUILDING SOR HEM NO 10.10.0)									
21	(BUILDING SOR ITEM NO 10.16) Providing and fixing 15 cm. wide 45cm. overall semi circular plain G.I. sheet gutter with iron brackets 40x3 mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipe complete									

S.No.	PARTICULAR	N	O.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
22	Providing and applying of Acrylic primer on all surface applied @0.80 litrs/10 sqm as per relevant I.S. code 15489:1974 (Product such as Asian Spark/suprimo, J.K. Primer, Dulux Acrylic Primer) with all tools tackles and labour etc. complete for the work.						172 (0)		(333,00)	()
	As per Ammendment no 08, 05/05/2025 item no.16.60						173.69 242.72			
	(BUILDING SOR ITEM NO 14.12)						416.40	Sqm	37.00	15406.87
23	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.									
	As per Ammendment no 08, 05/05/2025 item no.16.62						173.69	Sqm	64.00	11115.84
24	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta, Nerolac Suraksha Plus, Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)									
	As per Ammendment no 08, 05/05/2025 item no.14.67									
	,						242.72	Sqm	70.00	16990.19
25	Providing and applying priming coat on steel work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate, Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc. complete for the work									
	As per Ammendment no 08, 05/05/2025 item no.14.74 Purlin Tie beam NB 50mm Dia	1.00	16.00	15.00	@	0.16	38.40			
	principal rafter NB 65, 5.16 mm thick	5.00	2.00	5.60	(a)	0.20	11.20			
	bottom chord	5.00	1.00	11.20	<u>a</u>	0.20	11.20			
	Post NB 65	5.00		1.20	(a)	0.20	2.40			
	Post NB 50 ,3.91 thick	5.00	2.00	0.85	@	0.16	1.36			
	Post NB 50 Post NB 50	5.00	2.00	0.60	<u>a</u>	0.16	0.96 0.56			
	Post NB 50	5.00	2.00	0.20	(a)	0.16	0.32			
	webs 50mm dia	5.00	2.00	1.45	<u>@</u>	0.16	2.32			
		5.00	2.00	1.35	<u>@</u>	0.16	2.16			
		5.00	2.00	1.25 0.75	<u>a</u>	0.16	2.00 1.20			
	Wind tie 32x5mm		2.00	15.00	(a)	0.16	48.00			
							122.08			
	10% Extra For Miscellenious	10%				LS	12.21			-
	For Shutter						5.76			
	For Shutter						13.20 153.24	35.00	sqm	5363.51
								22.00	Jqiii	
26	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work						153.24	43.00	sqm	6589.45
	As per Ammendment no 08, 05/05/2025 item no.14.76								Total Rs.	1181808.00
							A		Electrical	35454.24
									Total	1217262.24

DETAILED ESTIMATE FOR CONSTRUCTION OF WET WASTE TIPPING SHED (5.00MX6.00M)

Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

	Bu	isca (_	MEASU			J. D.O.IX.	D.R. IN FORCI			
SN	DESCRIPTION OF ITEM		N O	L	B	H/D	QTY	RATE	UNI T	AMOUNT	
I	II		III	IV	V	VI	VII	VIII	IX	X	
1	П		111	1 V	V	VI	VII	V 111	IA	Λ	
1	1.1 Excavation for all types and sizes of										
-	foundations, trenches and drains or for any										
	other purpose including disposal of										
	excavated stuff upto 1.5 m lift and lead										
	1.1.1 In all types of soils.										
	F1(1500X1500)		8	1.50	1.50	1.50	27.00				
	total						27.00	185.00	cum	4,995.00	
										-	
2	1.18 Providing and filling in plinth with										
	sand/ Crusher dust and hard moorum under										
	floor in layers not exceeding 20cm in depth										
	consolidating each deposited layer by										
	ramming and watering, including										
	dressing etc complete.										
	Footing										
	F1(1500X1500)		8	1.50	1.50	0.10	1.80				
	total						1.80	371.00	cum	667.80	
3	3.1 Providing and laying nominal mix plain										
	cement concrete with crushed stone										
	aggregate using concrete mixer in all works										
	upto plinth level excluding cost of form										
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6										
	graded stone aggregate 40mm nominal										
	Footing										
	F1(1500X1500)		8	1.50	1.50	0.10	1.80				
	total						1.80	2970.00	cum	5,346.00	
4	7.5 Brick work with modular fly-ash lime										
	bricks (FaLG Bricks) confirming to										
	IS:12894-2002 of class designation 4.0 in										
	foundation and plinth in:										
	7.5.4 Cement Mortar 1:6 (1 cement : 6										
	Below Plinth Level										
	L Wall		4	2.14			0.77				
	X Wall		4	2.64			0.95				
<u> </u>			1	4.58	0.30	0.30	0.41				
	total						2.13	3263.00	cum	6,959.98	

SN	DESCRIPTION OF ITEM		N	MEASU	JREM	ENT	OTV	RATE	UNI	AMOUNT
SIN	DESCRIPTION OF ITEM		O	L	В	H/D	QTY	KATE	T	AMOUNI
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
_										
5	2.1 Providing and fixing form work including centring, shuttering, strutting,									
	staging, propping bracing etc. complete and									
	including its removal									
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below Footings									
	F1(1500X1500)	2	8	1.30		0.15	3.12			
	11(130011300)	2	8	1.50	1.30	0.15	3.12			
	Column upto G L									
	C1(300X300)	2	8	0.30		0.65	3.12			
		2	8	0.30		0.65	3.12			
	Column above G L C1(300X300)	2	8	0.30		0.30	1.44			
	C1(300A300)	2	8	0.30		0.30	1.44			
	Plinth Beam	_		0.50		0.50	1,			
	L Wall	2 2	4	2.14		0.30	5.14			
	X Wall		4	2.64		0.30	6.34			
	4.4.1	2	1	4.58		0.30	2.75	120.00	~~~	4 111 (2
	total						29.58	139.00	sqm	4,111.62
6	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of form work									
	$3.2.1 \ 1:1\frac{1}{2}:3 \ (1 \ cement : 1\frac{1}{2} \ coarse \ sand : 3$									
	graded stone aggregate 20mm nominal			1.20	1.20	0.20	2.70			
	F1(1500X1500) 0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		8	1.30	1.30	0.20 0.20	2.70 1.60			
	*(1.2+0.2)/2))					0.20	1.00			
	Subtotal a						4.30			
	Column upto G L									
	C1(300X300)		8	0.30	0.30	0.65	0.47			
	Subtotal b Column above G L						0.47			
	C1(300X300)		8	0.30	0.30	0.30	0.22			
	Subtotal c			3.2 0			0.22			
	Plinth Beam									
	L Wall		4	2.14			0.77			
	X Wall		4	2.64 4.58	0.30 0.30	0.30	0.95 0.41			
	Subtotal d		I	4.38	0.30	0.30	2.13			
	total (a+b+c)						7.12	4163.00	cum	29,644.72
	101a1 (a · b · C)						1,14	4102.00	Culli	47,077.72

SN	DESCRIPTION OF ITEM		N	MEASU	JREM	ENT	OTV	RATE	UNI	AMOUNT
SIN	DESCRIPTION OF ITEM		O	L	В	H/D	QTY	KAIL	T	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
7	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: 3.12.1 Thermo-Mechanically treated bars FE 415 Footing			4.30		78.50	337.86			
	Column			0.68		78.50	53.69			
<u> </u>	Plinth Beam total			2.13	1.00	78.50	167.44 559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead Total qty of excavation - sand filling+PCC+RCC upto GL						16.28		, p	20,10212
	total						16.28	38.15	cum	621.04
9	11.2 Providing and making 12mm thick cement plaster of mix: 11.2.4 In Cement Mortar 1:6 (1 cement : 6 C1(300X300)	4	8	0.30		0.30	2.88			
	total	-		312 3		0.00	2.88	91.50	sqm	263.52
10	11.3 Providing and making 15mm thick cement plaster on the rough side of single 11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand) External Wall		2 2	5.00 6.00		0.60 0.60	6.00 7.20			
	total						13.20	113.00	sqm	1,491.60
11	14.9 Distempering with acrylic washable distemper to give an even shade. 14.9.1 On new work (Two or more coats) Area of Internal Wall Area of Plaster total						2.88 2.88	38.00		109,44
									7	2,3,1,1
	14.14 Finishing walls with water proofing cement paint of required shade to give an									

SN	DESCRIPTION OF ITEM		N	MEASU	JREM	ENT	QTY	RATE	UNI	AMOUNT
			0	L	В	H/D			T	
Ι	II		III	IV	V	VI	VII	VIII	IX	X
	14.14.1 On new work (Two or more coats applied @ 3.84 kg/10 sqm) External Wall Area of External Plaster						13.20			
	total						13.20	41.00	sqm	541.20
13	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, 9.3.1 Electric resistance or induction butt welded tubes Grade-250 PWD S.O.RP-80/I-9.3.1 150Dia Pole @21.30kg/meter Truss On Shed Tie Beam 50mm dia @6.19Kg/meter Rafter 50mm dia @6.19Kg/meter Intermediate members 50mm dia @6.19Kg/meter Purlins 40mm dia @ 4.37Kg/meter (On Chasset Plate Fixing Polt and Passe Plate	1 4 4 4	8 1 2 2	4.50 7.00 4.35 4.60 8.00	6.19 6.19		766.80 173.32 215.41 227.79 139.84			
	Gusset Plate, Fixing Bolt and Base Plate total						180.00 1703.16	88.50	Kg	150,729.66
14	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L PWD S.O.RP-91/I-10.11 Roofing		2	3.82	8.00		61.12			
	total						61.12	693.00	sqm	42,356.16
1										

SN	DESCRIPTION OF ITEM		N	MEASU	JREM	ENT	QTY	RATE	UNI	AMOUNT
511	DESCRIPTION OF ITEM		0	L	В	H/D		KATE	T	AWOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
15	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm)		1	8.00			8.00			
-	Ridge total		1	8.00			8.00	552.00	mtr	4,416.00
	totai						8.00	552.00	mtr	4,410.00
16	10.16.6 Gutter. (600 mm over all girth).									
10	Gutter		2	8.00			16.00			
	total			0.00			16.00	629.00	mtr	10,064.00
	totai						10.00	027.00	IIIti	10,004.00
17	14.22 Painting on new work (two or more									
* /	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	1.5	2	36.00			108.00			
	Truss	1.5	2	157.68			473.04			
	total						581.04	47.00	sqm	27,308.88
									•	
18	18.76 Providing and fixing on									
	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm)									
	including required counters jointing with 18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total			7.50			18.00	267.00	mtr	4,806.00
19	12.4 52 mm thick cement concrete flooring						10.00	207.00	11111	7,000.00
1	with under layer of 40mm thick cement									
	concrete 1:2:4 (1 cement : 2 coarse sand : 4									
	graded stone aggregate 20mm nominal									
	size) and top layer of 12 mm thick cement									
	metallic hardener concrete mix 1:2 (1									
	cement hardener mix: 2 stone aggregate of									
			1	5.00	6.00		30.00			
	total						30.00	441.00	sqm	13,230.00
									Total	338,128.04 10,143.84
Add 3% Electrical and Plumbing Work										
								SUB TO	TAL	348,271.89

**	EXTERNAL	C.C.	FLOORING'	۲

	EXTERN		• •	LOCK	110				
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/height including disposal of rubbiesh upto 1.5 m lift and lead upto 50 m (at least 5m away from the dressed area).								
	(BUILDING SOR ITEM NO1.2/9)	1		550.00	-	550.00	SQ.M	7.20	3960.00
2	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by								
	(BUILDING SOR ITEM NO.12.4/111)	1.00		550.00	-	550.00			
					Total	550.00	SQ.M	441.00	242550.00
								Total Rs.	246510.00

(Ruild	ing SOR It	ems) W.E.F 01/01/2015	, 110		(0.0	J•)				
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	(BUILDING SOR ITEM NO 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
		Top Rooof Sheet For Compost Pit shed	2	6.2	7	-	87			
							87	SQM	693	60152.40
2		10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.17 (Contro ((00 mm mm H sixt)	2	27			54	MTD	(20)	22077
		10.16.6 Gutter. (600 mm over all girth)		27			34	MTR	629	33966
		OF DW EL CORDIG A	VODIZ							•
8	(BUILDING SOR ITEM NO -	SLRM FLOORING V 25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)	VOKK							
		Add 10% Extra	1.00	12.00	27.00	-	324.00 32.40 356.40	SQ.M	897.00	319690.80

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM PAINTING W	ORK							
9	no 08, 05/05/2025 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applicd @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark □Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
		INSIDE	2	24	-	1.2	57.60			
			1	9	-	1.2	10.80			
			3	12	-	3	108.00			
		Door Deduct	6	3	-	2.1	54.00 18.90			
		Door Deduct	4	0.9	-	2.1	7.56			
						Total	203.94	Sqm	64.00	13052.16
10	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
		OUTSIDE	2	24 9	-	1.2	57.60 10.80			
			1	20	-	3	60.00			
		Door Deduct	3	3	-	2.1	18.90			
						Total	109.50	Sqm	70.00	7665.00
11	Ammendment no 08,	Providing and applying priming coat on steel work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc. complete for the work Premium synthetic enamel paint								
		On Steel		4.5.						
		SLRM Pole & Fence	2	19.0 12.0	2.00		76.00 24.00			
		Door	1	3.0	2.00		6.30			
		1000	1	2.0	2.10		4.20			
					Total		110.50			
		Add 20% Extra		G 1	True 1		22.10	C	25.00	17.11
				Sub	Total		132.60	Sqm	35.00	4641
12	As per Ammendment no 08, 05/05/2025 item	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all					132.60	sqm	43.00	5701.80
	no.14.76	tools tackle and labour etc. complete for the work								

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

								DATE	AMOUNT
S.No.	PARTICULAR	NO.	\mathbf{L}	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains or for any							(III IX3.)	(111 135.)
•	other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto								
	50m (at least 5m away from the excavated area), including dressing and leveling								
	of pits.								
	In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with crushed								
	stone aggregate using concrete mixer in all works upto plinth level excluding								
	cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal								
	size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
		2	1.00	0.20	0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work including								
	straightening, cutting, bending, binding etc. complete as per drawings including								
	cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415	_							
		Qty. a	s per ite		3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)		50 kg/	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to								
	IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)				4.40		CT 17 5		
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in								
	recharge pit, in the required layers and thickness, for all leads & lifts, all								
	complete as per direction of Engineer-in-charge. (excavation of pit will be paid	1	1.00	1.00	0.40	0.40	CHIM	062.00	245.20
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1				0.40		863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00	1.00	0.30	0.30		806.00	241.80
		1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201) PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains or for any								
U	other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto								
	50m (at least 5m away from the excavated area), including dressing and leveling								
	of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)	1	50.0	0.50	0.50	7.50	C 0171	105.00	032.30
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides								
•	of foundation etc. in layers not exceeding 20cm. In depth consolidation each								
	deposited layer by ramming and watering with a lead upto 50M. And lift upto								
	1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
					<u> </u>			Total Rs.	32001.00

SANITARY REPAIR	INC

S.No. 1	Providing and fixing vitreous china water closet (European type W.C. pan) with	NO.	L	В	H/D	QTY.	UNIT		AMOUNT
1							01,11	(in Rs.)	(in Rs.)
	white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever								
	required :								
	18.4.2 Coloured pedestal type	1	_	_	-	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								2,07 =10
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	_		-	1.00	EACH	2545.00	3,545.00
	(BUILDING SOR ITEM NO18.1/160)	1	-	-	-	1.00	EACH	3545.00	3,345.00
3	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern								
	conforming to IS: 7231, with all fittings and fixtures complete.					2.00	D. CTT	0.00	4.5=4.00
	(BUILDING SOR ITEM NO18.7/161)	2	-	-	-	2.00	EACH	837.00	1,674.00
4	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	H 1894.00	1,894.00
5	(BUILDING SOR ITEM NO18.17/162) Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
-	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR		1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5	-	1	-	5.00	EACH	154.00	770.00
	Vent covel								
	18.77.3.1 75 mm	4	_	-	_	4.00	EACH	34.00	136.00
	18.77.3.2 110 mm	4		1	-	4.00	EACH	44.00	176.00
	Access door cap								
	18.77.4.1 75 mm	10	-	-	-	10.00	EACH	CH 154.00 CH 34.00 CH 44.00 CH 49.50 CH 59.00	495.00
	18.77.4.2 110 mm	10	-	-	-	10.00	EACH	59.00	590.00
	18.77.6 Nahani Trap 110	10	-	-	-	10.00	EACH	90.50	905.00

7 Providing and fixing UV stabilized Englasticined PVP (pipe Cup) of approved design to King PVP (pipe S) mount of 50 x 50 x 50 m hand wood plues, screened with MS streenes of required length relating entiring tools work and like the complete of the comp											
screwed with M.S. screenes of required length including cutting pixels work and fixing in centeral motar 1-½ (Learnest 1-2 causes sand.) and making good the wall etc. complete. 18.78.175 mm										and the same of th	7
this gen cerement morter 1-4 (Lemment -4 courses sand.) and making good the wall of co. complete. 18.78.1.75 tmm 10 - 10.00 EACH 57.00											
etc. complete. 18.78.175 mm											
18.75.175 mm 10 0 10.00 EACH 57.00 (BUILDING SOR ITEM NO18.78171) 18.78.2.110 mm 10 10.00 EACH 57.00 (BUILDING SOR ITEM NO18.78171) 18.78.2.110 mm 10 10.00 EACH 57.00 (BUILDING SOR ITEM NO18.78171) 19.70.2.110 mm round other das Propes of Intings with one step CPVC planes having thermed subtrings for the X cold water supply metaboling all CPVC planes having spot other same factoring to the same including terming of ports or complete as per direction of Engineer in Charge CONCEALED WORK including cutting chases and making good the walls etc. 19.5.1.15 mm rountaid outer das Propes 1 5.00 - 5.50 MTR 167.00 (BUILDING SOR ITEM NO19.54.176) 19.5.2.20 mm rountaid outer das Propes 1 5.00 - 5.50 MTR 167.00 (Providing and fixing Chilorated Polymyr) Chloride (CPVC) pages, having thermal stability for hot & cold water supply including all CPVC plane & brass threaded firings is frishing the play with changes at 100 m sporing. This includes pointing of pages & fittings with one step CPVC solvent current and testing of plant complete as per direction of Engineer in Charge, NTERNAL WORK - EXPOSED ON WALL. 19.4.3.25 mm rountain outer das Propes 1 5.00 - 5.50 MTR 199.00 (Providing and fixing to fixing the play with changes at 100 m sporing. This includes pointing of pages & fittings of change and fixing on will suit and the control of Engineer in Charge, NTERNAL WORK - EXPOSED ON WALL. 19.4.3.25 mm rountain outer das Propes 1 5.00 - 5.50 MTR 271.00 (Providing and fixing of King and Charge in Charge and the control of Engineer in Charge and Engineer in Char											
BUILDING SOR ITEM NO18.78/171) 8 Providing and fixing Chlorinated Polywing Chloride (CPVC) pipes laving thermal stability for hot & cold water supply including all CPVC pints he brass threaded fittings is fixing the pipe with clamps at 1.00 m spexing. It is necked sporning of pipes & fittings with the state (CPVC) pipes, laving characteristic pipes and fixing pipes and fixing pipes and fixing sitting of joints complete as per direction of Engineer in Charge CONCEALED WORK including cutting chases and making good the walls etc. 19.5.115 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 133.00 19.5.20 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 167.00 (BUILDING SOR ITEM NO19.5/176) 9 Providing and fixing Chlorinated Polywing/Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC pibn & brass threaded fittings is fixing the pipe with clamps at 1.00 m aputing. This methods pitoring of pipes & fittings with owe stap CPVC sobret centeral and sitting of pipes with clamps at 1.00 m aputing. This methods pitoring of pipes & fittings with owe stap CPVC sobret centeral and sitting of pipes with clamps at 1.00 m aputing. This methods pitoring of pipes & fittings with owe stap CPVC sobret centeral and sitting of pipes with a state of the state of th										etc. complete.	
BUILDING SOR ITEM NO18.78/171) 8 Providing and fixing Chlorinated Polyving Chloride (CPVC) pipes, laving thermal satisfly for hot & cold water stupply including all CPVC piats bersas threaded fittings is fixing the pipe with champs at 1,00 m specing. This includes pointing of pipes & fittings with one step CPVC solvest cerent and the cost of cutting chases and making good the same including sterling of joints complete as per direction of Engineer in Charge CONCEALED WORK including cutting chases and making good the walls etc. 19.5.115 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 133.00 (BI-H.DING SOR ITEM NO19.5/176) 9 Providing and fixing Chlorinated Polyving Chloride (CPVC) pipes, laving thermal satisfly for hot & cold water stupply including all CPVC plan & brass threaded fittings is fixing the pipe with chumps at 1,00 m specing. This includes pitoring of pipes & fittings with one step CPVC solvent cement and lessing of pions complete as per direction of Engineer in Charge INTERNAL WORK - EXPOSED ON WALL. 19.4.3.25 mm nominal outer dia. Pipes. 19.4.4.22 mm nominal outer dia. Pipes. 19.4.5.40 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 271.60 BILILIDING SOR ITEM NO19.5/176) 10 Providing and fixing on wall surface (3.1 pipes mediam class complete with G. I. fittings and change, including good the walls etc. and testing of joints complete: 19.7.6.50 mm dia. nominal borer of providing and fixing on wall surface (3.1 pipes mediam class complete with G. I. fittings and change, including good the walls etc. and testing of joints complete: 19.7.6.50 mm dia. nominal borer (2.P. brass sextension) if required shape and disting fleetable P.V.C. waste pipe for sink or wash basin including P.V.C. waste Hitmaps complete. 19.1.4.1 Fibro cock (400 grams) 2 2.00 EACH 395.00 10 Providing and fixing fleetable P.V.C. waste pipe for sink or wash basin including P.V.C. waste Hitmaps complete. 18.5.5.40 mm dia. 19.1.4.1 Fibro cock (400 grams) 2 2.00 EACH 395.00 19.1.4.6 Stop cock (connected) (60											
BUILDING SOR ITEM NO18.78/171) 8 Providing and fixing Chlorinated Polyving Chloride (CPVC) pipes, having thermal satishty for hot & cold water supply including all CPVC plan & brass threaded fittings is fixing the pipe with change at 1,00 m spearing. This includes jointing of pipes & fittings without set up (PVC Sobret corent and the cest of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Change. CONCEALED WORK including cutting chases and making good the walls etc. 19.5.115 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 133.00 (BUILDING SOR ITEM NO19.0176) 9 Providing and fixing Chlorinated Polyving Chloride (CPVC) pipes, having thermal satishty for bot & cold wear supply motioning and 12 PVC plan & brass himself of things is fixing the pipe with change at 100 m spacing. This includes jointing of pipes & fittings with one stap CPVC sobret center and testing of joints complete as per direction of Engineer in Change. INTERNAL WORK - EXVOSED ON WALL. 19.4.3.25 mm nomital outer dia. Pipes. 1 5.00 - 5.00 MTR 199.60 19.4.4.32 mm nomital outer dia. Pipes. 1 5.00 - 5.00 MTR 271.60 (BUILDING SOR ITEM NO19.5176) 19. Providing and fixing on wall surface (3.1 pipes melturn class complete with G.1. tittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6.50 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 36.2.60 WIR 271.60 (BUILDING SOR ITEM NO19.7177) 10 Providing and fixing on wall surface (2.1 pipes melturn class complete with G.1. tittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6.50 mm dia. nominal boure of providing and fixing to 18.891 including C.P. brass sextension if required shape and conforming to 18.891 including C.P. brass sextension if required shape and fixing fortox 5.00 mm on the cold of pipes complete. 19.1.4.1 Bits cook (400 grams) 2 2.00 EACH 395.00 19.1.4.6 Stop cock (connecled) (600 grams) 2 2.00 EACH 395											
BUILDING SOR ITEM NO.18,78(171) 8 Providing and fixing Chlorinated Polyvingh Chloride (CPVC) pipes, having thermal stability for the & cold water supply including all CPVC plans be brass threaded fittings for fixing the pipe with changs at 1,00 m spearing. This includes gioriting of pipes & fittings with one step CPVC solvent centert and the cest of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Change, CONCEALED WORK including cutting chases and making good the walls etc. 19.5.115 mm nontimal outer dia. Pipes. 1 5.00 - 5.00 MTR 133.00 (BUILDING SOR ITEM NO.19.5/176) 9 Providing and fixing Chlorinated Polyving Chloride (CPVC) pipes, having thermal stability for the & cold water supply including all CPVC plans & brass threaded fittings is fixing the pipe with changes at 1,00 m spearing. This includes jointing of pipes & fittings with one step CPVC software content and testing of joints complete as per direction of Engineer in Change INTERNAL WORK - EXFOSED ON WALL. 19.4.3.25 mm nonitial outer dia. Pipes. 1 5.00 - 5.00 MTR 199.00 19.4.4.32 mm nonitial outer dia. Pipes. 1 5.00 - 5.00 MTR 271.00 19.4.4.32 mm nonitial outer dia. Pipes. 1 5.00 - 5.00 MTR 362.00 RBILIDING SOR ITEM NO.19.5/176) 10.7.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	570.00	57.00		FACH	10.00	_	_	_	10	18 78 1 75 mm	
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EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 199.00 194.4 32 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 271.00 194.5 40 mm nominal outer dia. Pipes. 1 5.00 - 5.00 MTR 362.00 (BUILDING SOR ITEM NO19.5/176) 10 Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore 1 5.00 - 5.00 MTR 471.00 19.70											
19.4.3 25 mm nominal outer dia .Pipes. 1 5.00 - 5.00 MTR 199.00											
19.4.4 32 mm nominal outer dia Pipes. 1 5.00 - - 5.00 MTR 271.00 19.4.5 40 mm nominal outer dia Pipes. 1 5.00 - - 5.00 MTR 362.00 19.4.5 40 mm nominal outer dia Pipes. 1 5.00 - - 5.00 MTR 362.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - 5.00 MTR 471.00 19.7.6 50 mm dia nominal bore 1 5.00 - - - - 2.00 EACH 382.00 19.7.6 50 mm dia nominal bore 1 5.00 - - - - 2.00 EACH 163.00 19.7.6 50 mm dia nominal bore 1 5.00 - - - - 2.00 EACH 163.00 19.7.6 50 mm dia nominal bore 1 5.00 - - - - 2.00 EACH 163.00 19.7.6 50 mm dia nominal bore 1 5.00 - - - - 2.00 EACH 163.00 19.7.6 50 mm dia nominal										EXPOSED ON WALL.	
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19.4.4 32 mm nominal outer dia Pipes 1 5.00 - - 5.00 MTR 271.00											
19.4.4 32 mm nominal outer dia Pipes 1 5.00 - - 5.00 MTR 271.00			_								
19.4.5 40 mm nominal outer dia Pipes 1 5.00 - - 5.00 MTR 362.00	995.00						-		1		
(BUILDING SOR ITEM NO19.5/176) 10 Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore (BUILDING SOR ITEM NO19.7/177) 11 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: 19.14.1 Bib cock (400 grams) 19.14.6 Stop cock (concealed) (600 grams) 2 2.00 EACH 382.00 19.14.4 Filter Cock (400 grams) 2 2.00 EACH 494.00 19.14.14 Soap dish plate 2 2.00 EACH 398.00 19.14.14 Soap dish plate 2 2.00 EACH 163.00 (BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	1,355.00						-		1	1	
Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.76.50 mm dia. nominal bore 19.76.60 mm dia. nominal bore 18.76.70 mm dia. nominal bore 19.76.70 mm dia. nominal bore 19.76.	1,810.00	362.00	_	MIK	5.00	-	-	5.00	1	1	
fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore 1 5.00 - 5.00 MTR 471.00 (BUILDING SOR ITEM NO19.7/177) 11 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: 19.14.1 Bib cock (400 grams) 2 2.00 EACH 494.00 19.14.4 Piller Cock (400 grams) 2 2.00 EACH 494.00 19.14.14 Soap dish plate 2 2.00 EACH 163.00 (BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia 4 4.00 EACH 88.50 (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.			+								10
19.7.6 50 mm dia. nominal bore 1 5.00 - - 5.00 MTR 471.00											10
19.7.6 50 mm dia. nominal bore 1 5.00 - - 5.00 MTR 471.00											
BUILDING SOR ITEM NO19.7/177) 11 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: 19.14.1 Bib cock (400 grams) 2 2.00 EACH 382.00 19.14.6 Stop cock (concealed) (600 grams) 2 2.00 EACH 494.00 19.14.4 Piller Cock (400 grams) 2 2.00 EACH 398.00 19.14.14 Soap dish plate 2 2.00 EACH 163.00 BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.										Johns complete.	
Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: 19.14.1 Bib cock (400 grams) 2 2.00 EACH 382.00 19.14.6 Stop cock (concealed) (600 grams) 2 2.00 EACH 494.00 19.14.4 Piller Cock (400 grams) 2 2.00 EACH 398.00 19.14.1 Soap dish plate 2 2.00 EACH 163.00 (BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :	2,355.00	471.00		MTR	5.00	-	-	5.00	1	19.7.6 50 mm dia. nominal bore	
Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: 19.14.1 Bib cock (400 grams) 2 2.00 EACH 382.00 19.14.6 Stop cock (concealed) (600 grams) 2 2.00 EACH 494.00 19.14.4 Priller Cock (400 grams) 2 2.00 EACH 398.00 19.14.14 Soap dish plate 2 2.00 EACH 163.00 E										(BUILDING SOR ITEM NO19.7/177)	
19.14.1 Bib cock (400 grams) 2											11
19.14.6 Stop cock (concealed) (600 grams) 2 2.00 EACH 494.00 19.14.4 Piller Cock (400 grams) 2 2.00 EACH 398.00 19.14.14 Soap dish plate 2 2.00 EACH 163.00 (BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:											
19.14.6 Stop cock (concealed) (600 grams) 2 2.00 EACH 494.00 19.14.4 Piller Cock (400 grams) 2 2.00 EACH 398.00 19.14.14 Soap dish plate 2 2.00 EACH 163.00 (BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:											
19.14.6 Stop cock (concealed) (600 grams) 2 2.00 EACH 494.00 19.14.4 Piller Cock (400 grams) 2 2.00 EACH 398.00 19.14.14 Soap dish plate 2 2.00 EACH 163.00 (BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:											
19.14.4 Piller Cock (400 grams) 2 2.00 EACH 398.00 19.14.14 Soap dish plate 2 2.00 EACH 163.00 (BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	764.00	382.00	í	EACH	2.00	-	-	-	2	19.14.1 Bib cock (400 grams)	
19.14.14 Soap dish plate 2 2.00 EACH 163.00 (BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	988.00	494.00	í	EACH	2.00	-	-	-	2	19.14.6 Stop cock (concealed) (600 grams)	
(BUILDING SOR ITEM NO19.14/179) 12 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	796.00	398.00	i	EACH	2.00	-	-	-	2	19.14.4 Piller Cock (400 grams)	
Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	326.00	163.00	[EACH	2.00	-	-	-	2	19.14.14 Soap dish plate	
P.V.C. waste fittings complete. 18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:											
18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164) 4 4.00 EACH 88.50 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:											12
(BUILDING SOR ITEM NO18.25.2/164) 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:										P.V.C. waste fittings complete.	
(BUILDING SOR ITEM NO18.25.2/164) 13 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:			+							10.25.2.40 1:-	
Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	354.00	Q0 50	+	FACII	4 00		_	_	1		
approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	354.00	88.50	-	EACH	4.00	- +	-	-	4		12
cleats with C.P. brass screws and washers complete. (BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:											13
(BUILDING SOR ITEM NO18.29/164) 2 2.00 EACH 599.00 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:											
Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:										ordato with C.F. ordato below and washers complete.	
Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:											
Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	1,198.00	599.00	+	EACH	2.00	_	_	_	2	(BUILDING SOR ITEM NO18.29/164)	
shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	1,170.00	377.00	-	EACH	4.00	-	-	-		,	14
thick hard board backing:											14
										• • • • • • • • • • • • • • • • • • • •	
18.30.1 5mm thick mirror										men mind bound buoking.	
18.30.1 5mm thick mirror											
10.50.1 State tiller littlet		-	+							18 30 1 5mm thick mirror	
(BUILDING SOR ITEM NO18.30/164) 2 0.60 0.60 - 0.72 SQ.M 2016.00	1,452.00	2016.00	+	SO M	0.72		0.60	0.60	2		
(201121110 30K112/110-10/20/104) 2 0.00 0.00 - 0.72 3Q:M 2010.00	1,434.00	2010.00		54.141	0.72		0.00	0.00		(DOLLDING BOR IT MIT HOW TOWN TOT)	

								Total Rs.	47,635.0
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.0
	the base support for tank.								
	tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
19	Providing and placing on terrace (at all floor levels) polyethylene water storage								
	(BUILDING SOR ITEM NO20.28/194)					2.30		2.22.00	
	20.28.1 Inside dimensions 455x610 mm and 45 cm deep for single pipe line:	1	_	-	_	1.00	ЕАСН	3796.00	3,796.0
	top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C.								
	(BUILDING SOR ITEM NO20.1/189)								
	20.1.1 100 mm diameter	1	10.00	-	-	10.00	MTR	162.00	1,620.0
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	(BUILDING SOR ITEM NO19.16/179)					2.00	EACH	702.00	1,324.0
	19.16.4 50 mm nominal bore	2	_	_	-	2.00	EACH	762.00	1,524.0
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	(BUILDING SOR ITEM NO19.10/178)							347.00 762.00 162.00	
	19.10.4 50 mm nominal bore	5	-	-	-	5.00	EACH	347.00	1,735.0
	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								

" SHED EXTENSION FOR BALING & FATKA MACHINE - 4.0 M X 12.0 M " **RATE AMOUNT** NO. H/D OTY. UNIT S.No. **PARTICULAR** (in Rs.) (in Rs.) Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead. 4.00 12.00 48.00 1 (BUILDING SOR ITEM NO.- 16.8/146) 48.00 SQ.M 57.00 2736.00 **Excavation** for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. F1-1.50 2 1.50 1.80 8.10 (BUILDING SOR ITEM NO.-1.1.1/9) 8.10 CUM 185.00 1499.00 Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including 2 1.50 1.50 1.80 8.10 Deduction- Sand cushion, pcc, footing, column up to GL--2.16 0.68 F1. 2 1.50 1.50 0.15 Floor 4.00 12.00 0.15 7.20 1 (BUILDING SOR. ITEM NO.-1.18/11) 13.82 **CUM** 371.00 5125.00 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. F1-2 1.50 1.50 0.15 0.68 (BUILDING SOR. ITEM NO.- 3.1.3/23) 0.68 CUM 2970.00 2004.75 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded stone aggregate 20mm F1-2 1.20 1.20 0.20 0.58 Colunm upto Ground level-C1-0.30 0.30 1.30 2 0.23 Column upto Plinth level-0.30 0.30 0.175 2 0.03 Colunm above Plinth level-2 0.30 0.30 3.000 0.54 0.30 0.200 Kerb wall 2. 4.00 0.48 (BUILDING SOR ITEM NO.- 3.2/23) CUM 4163.00 1.86 7749.00 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415 Quantity as per item 3.3 1.86 (BUILDING SOR. ITEM NO.-3.12.1/24) 80kg/cum 148.92 KG 54.50 8116.00 Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.

Footing-

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
3.110.							UNII	(in Rs.)	(in Rs.)
	F1-	4	1.20	- 1 20	0.20	0.96			
	Colunm upto Ground level-	4	-	1.20	0.20	0.96			
	Column upto Ground Tever-	4	0.30	_	1.30				
	CI-	4	-	0.30	1.30	1.56			
	Colunm upto Plinth level-	4	-	0.30	1.30	1.56			
	C1-	4	0.30		0.175	0.21			
	CI-	4	-	0.30	0.175	0.21			
	Column above plinth	4	•	0.30	0.173	0.21			
	C1-	4	0.30		3.00	2.60			
	CI-	4	0.30	0.30	3.00	3.60			
	Kerb wall	2	4.00	0.30	0.300	3.60			
	Kerb wan	2	4.00		0.300	2.40			
	(BUILDING CODITEM NO. 411/40								• • • • • • • • • • • • • • • • • • • •
0	(BUILDING SOR ITEM NO 2.1.1/16)					15.06	SQ.M	139.00	2093.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.)								
	structure in built-up sections, trusses and frame work including cutting,								
	hoisting, fixing in position upto a height of 5m above plinth level,								
	consisting of columns trusses, roof and bottom purlins, base plate,								
	holding down bolts, wind ties bracing (if required), bolts, nuts and washers for								
	fastening etc. complete with applying a priming coat of red oxide zinc								
	Shed area	1	4.00	12.00	-	48.00			
			35	KG/SQ	OM	1680.00	KG	93.50	157080.00
	(BUILDING SOR ITEM NO 9.3.2/80)								
	(PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
	Top Roof	2	6.20	4.00		49.60			
	Side of Truss	1	12.40	7.00	1.50	18.60			
	2.3.0 % 2.3.0	1	12.40		1.50	68.20	SQM	693.00	47262.60
	(BUILDING SOR ITEM NO 10.12/91)					00.20	SQM	073.00	47202.00
	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and								
	10.16.1 Ridges plain (500-600mm)	1	4.00			4.00	MTR	552.00	2208.00
	10.16.6 Gutter. (600 mm over all girth)	2	4.00			8.00	MTR	629.00	5032.00
	(BUILDING SOR ITEM NO 10.16/91)		4.00			8.00	WIIK	029.00	3032.00
	(BOILDING BOILTILM 1105-10:10/71)								
11	Painting on new work (two or more coats) to give an even shade with Satin synthetic enamel paint								
11									

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
	Runner	2	4.00	0.02		0.15		(in Rs.)	(in Rs.)
	Pole	2	2.10	****	2.10	8.82			
	(BUILDING SOR. ITEM NO14.22.1/134)					26.97	SQM	55.00	1483.39
12	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	12.00	4.00	-	48.00	SQ.M	441.00	21168.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:	1.00	12.00		2.00	26.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)	1.00	12.00	-	3.00	36.00 36.00	SQ.M	382.00	13752.00
						30.00	BŲ.NI	304.00	13/34.00
14	Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:6 (1 Cement : 6 fine Sand) INNER	1.00	12.00		2.00	26.00			
	(BUILDING SOR. ITEM NO11.2/103)	1.00	12.00	-	3.00	36.00 36.00	SQ.M	91.50	3294.00
15	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand) OUTER	1.00	12.00		2.00	2500			
	(BUILDING SOR. ITEM NO11.3/103)	1.00	12.00	-	3.00	36.00 36.00	SQ.M	107.00	3852.00
						20.00	50.11	107.00	2032.00
16	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of								
	INNER	1.00	12.00	-	3.00	36.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	36.00	SQ.M	64.00	2304.00
	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	12.00	-	3.00	36.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	36.00	SQ.M	70.00	2520.00
								Total Rs.	289279.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT MINI MATA WARD NO - 25" NAGAR PALIKA NIGAM, KORBA (C.G.)

" SHED EXTENSION FOR BALED & RECYCLABLE MATERIAL - 12.0 M X 3.0 M "

	" SHED EXTENSION FOR BALED & RECYCLA	ADLI	LIVIAI	CKIF	NL - 12	7.U IVI A	3.0 M		
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.							(11111)	(111 1450)
		1	12.00	3.00		36.00			
	(BUILDING SOR ITEM NO 16.8/146)						SQ.M	57.00	2052.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	F1-	5	1.50	1.50	1.80	20.25			
	(BUILDING SOR ITEM NO1.1.1/9)					20.25	CUM	185.00	3746.00
3	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering,								
	F1-		1.50	1.50	1.80	20.25			
	Deduction- Sand cushion, pcc, footing, column up to GL-					-5.40			
	F1-	5	1.50	1.50	0.15	1.69			
	Floor	1	12.00	3.00	0.15	5.40			0420.00
4	(BUILDING SOR. ITEM NO1.18/11)					21.94	CUM	371.00	8139.00
•	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	F1-	5	1.50	1.50	0.15	1.69			
	(BUILDING SOR. ITEM NO 3.1.3/23)					1.69	CUM	2970.00	5011.88
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate								
	Footing-								
	F1-	5	1.20	1.20	0.20	1.44			
	Colunm upto Ground level-								
	C1-	5	0.30	0.30	1.30	0.59			
	Column upto Plinth level-		0.20	0.20	0.455				
	Cl-	·	0.30	0.30	0.175	0.08			
	Column above Plinth level-	. 5	0.30	0.30	3.000				
	Ground Beam		21.00	0.30	0.200	1.35			
	Ground Beam	1	21.00	0.30	0.200	1.26			
	(BUILDING SOR ITEM NO 3.2/23)					4.71	CUM	4163.00	19623.00
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								27.020100
		Qυ	antity as	per iter	n 3.3	4.71			
	(BUILDING SOR. ITEM NO3.12.1/24)		80kg	/cum		377.10	KG	54.50	20552.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
7	Providing and fixing formwork including centering, shuttering, strutting,							(111 103.)	(111 143.)
	staging, propping bracing etc. complete and including its removal at								
	all levels, for:								
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain								
	Footing-		1.20		0.20				
	Colunm upto Ground level-	5X4	1.20	-	0.20	4.80			
	C1-		0.30		1.30	7.80			
	Columm upto Plinth level-		0.30	-	1.30	7.80			
	C1-		0.30		0.18	1.05			
	Column above plinth								
	Cl-	5x4	0.30		3	18.00			
	Ground Beam	2	21.00		0.3	12.60			
	(BUILDING SOR ITEM NO 2.1.1/16)					44.25	SQ.M	139.00	6151.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting,								
	hoisting, fixing in position upto a height of 5m above plinth level,								
	consisting of columns trusses, roof and bottom purlins, base plate, holding								
	down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc								
	chromate primer.								
	9.3.2 Electric resistance or induction butt welded tubes Grade-300		12.00	2.00					
	Shed area	1	12.00	3.00	-	36.00			
			35KG/S QM			1260.00	KG	93.50	117810.00
	(BUILDING SOR ITEM NO 9.3.2/80)								
9	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of								
	approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour								
	polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet								
	should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length								
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	fixed using self drilling /self tapping screws of size (5.5x 55mm) with								
	EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers								
	filled with white lead complete upto any pitch in horizontal/vertical or								
	curved surfaces excluding the cost of purlins, rafters and trusses and								
	including cutting to size and shape wherever required.								
	Top Roof	1	3.50	12.00	-	42.00			
	Side of Truss	2		3.50		10.50			
	(DUILDING SOD ITEM NO. 10 12/01)					52.50	SQM	693.00	36382.50
10	(BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50								
10	mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in								
	240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester								
	top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or								
	10.16.6 Gutter. (600 mm over all girth)		12.00			12.00	MTR	629.00	7548.00
	(BUILDING SOR ITEM NO 10.16/91)								
11	Painting on new work (two or more coats) to give an even shade with Satin								
	Shed truss	5	3.00	-	1.20	18.00			
	Runner	4	4.00	0.02		0.30			
	Pole (PUH DING SOP, ITEM NO. 14 22 1/124)	5	0.47		2.10	4.95			44
	(BUILDING SOR. ITEM NO14.22.1/134)					23.25	SQM	55.00	1278.58

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
12	52 mm thick cement concrete flooring with under layer of 40mm thick							(in Rs.)	(in Rs.)
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick cement								
	metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone								
	aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement: 1								
	metallic floor hardening compound by weight) including finishing etc.								
	complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1	12.00	3.00	-	36.00	SQ.M	441.00	15876.00
12									
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks)								
	confirming to IS:12894-2002 of class designation 4.0 in								
	superstructure above plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1	15.00	-	3.00	45.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					45.00	SQ.M	382.00	17190.00
	Providing and making 12mm.thick cement plaster of mix:								
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
	INNER	1.00	15.00	-	3.00	45.00			
	(BUILDING SOR. ITEM NO11.2/103)					45.00	SQ.M	91.50	4117.50
15	Providing and making 15mm.thick cement plaster on the rough side of								
	single or half brickwall of mix.								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	15.00	-	3.00	45.00			
	(BUILDING SOR. ITEM NO11.3/103)					45.00	SQ.M	107.00	4815.00
16	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion								
	paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code								
	428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite								
	economy emulsion product such as Asian Tactor Spark $\Box Dulux$ Pomise sheen, Neroloc								
	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on								
	INNER	1.00	15.00	-	3.00	45.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	45.00	SQ.M	64.00	2880.00
17	Providing and applying on exterior surface with ECONOMY Exterior Emulsion								
17									
	paint of required shades to give protective and water proof finish minimum three								
	coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code								
	15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as								
	Asian Ace, Dulux Promise Exterior Berger Wall Masta , Nerolac Suraksha Plus ,								
	Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape								
	on edges and article and cleaning of door, windows, floor and surface as required								
	with all tools tackles and labour etc. complete for the work (With 2 Year								
	Warranty)		4 - 4 -		2.00				
	OUTER As you Ammondment to 09, 05/05/2025, item to 14/67	1	15.00	-	3.00	45.00	00.77	-0.00	245000
	As per Ammendment no 08, 05/05/2025 item no.14.67	l			Total	45.00	SQ.M	70.00	3150.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT MINI MATA WARD NO - 25 " NAGAR PALIKA NIGAM, KORBA (C.G.) WET WASTE TIPPING SHED AT SWM PLANT (4.00MX3.50M)

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]			V.D BUILDI	NG S.O.R. II	G S.O.R. IN FORCE FRO				
SN	DESCRIPTION OF ITEM	NO	MEAS L	SURE B	MEN H/D	QTY	RATE	UNIT	AMOUNT			
I	П	Ш	IV	V	VI	VII	VIII	IX	X			
1	Dismantling flag stone flooring laid in											
	cement/lime mortar including stacking of											
	serviceable material and disposal of											
	unserviceable material within 50 metre											
		1	4	12		48						
	(BUILDING SOR ITEM NO 16.8/146)					48	57	Sqm	2,736.00			
								•	-			
1	1.1 Excavation for all types and sizes of											
	foundations, trenches and drains or for any											
	other purpose including disposal of											
	excavated stuff upto 1.5 m lift and lead											
	1.1.1 In all types of soils.											
	F1(1500X1500)	4	1.50	1 50	1.50	13.50						
	total		1.50	1.00	1.00	13.50	185.00	cum	2,497.50			
	totai					15.50	103.00	Cum	2,477.30			
2	1.18 Providing and filling in plinth with											
-	sand/ Crusher dust and hard moorum under											
	floor in layers not exceeding 20cm in depth											
	consolidating each deposited layer by											
	ramming and watering, including											
	dressing etc complete.											
	1											
	Footing F1(1500X1500)	4	1.50	1.50	0.10	0.90						
		4	1.30	1.30	0.10	0.90	271.00		222 00			
	total					0.90	371.00	cum	333.90			
3	3.1 Providing and laying nominal mix plain											
"	cement concrete with crushed stone											
	aggregate using concrete mixer in all works											
	upto plinth level excluding cost of form											
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6											
	graded stone aggregate 40mm nominal											
<u> </u>	Footing											
	F1(1500X1500)	4	1.50	1.50	0.10	0.90						
	total	4	1.30	1.30	0.10		2970.00	oum	2,673.00			
	totai					0.30	47/0.00	cum	4,073.00			
\vdash												
4	2.1 Providing and fixing form work											
	including centring, shuttering, strutting,											
	staging, propping bracing etc. complete and											
	including its removal											
	meruumg ns removar											

SN	DESCRIPTION OF ITEM		NO	MEAS	SURE. B	MEN H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings									
	F1(1500X1500)	2	4	1.30		0.15	1.56			
		2	4		1.30	0.15	1.56			
	Column upto G L									
	C1(300X300)	2	4	0.30		0.65	1.56			
		2	4	0.30		0.65	1.56			
	Column above G L									
	C1(300X300)	2	4	0.30		0.30	0.72			
	,	2	4	0.30		0.30	0.72			
	total			!			7.68	139.00	sqm	1,067.52
							.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		~ 4	
5	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal									
	F1(1800X1800)		4	1.30	1.30	0.20	1.35			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		1	1.50	1.50	0.20	0.80			
	*(1.2+0.2)/2))		7			0.20	0.00			
	Subtotal a						2.15			
	Column upto G L						2.13			
	C1(300X300)		4	0.30	0.30	0.65	0.23			
	Subtotal b		7	0.50	0.50	0.05	0.23			
-	Column above G L						0.23			
			4	0.30	0.30	0.20	Λ 11			
	C1(300X300)		4	0.30	0.30	0.30	0.11			
	Subtotal c						0.11	41.62.00		10 202 52
	total (a+b+c)						2.49	4163.00	cum	10,382.52
	2.12 Providing and placing in modifica									
0	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
	3.12.1 Thermo-Mechanically treated bars									
	FE 415									
	Footing			2.15	1.00	78.50	168.93			
	Column			0.34	1.00	78.50	26.85			
	total						195.78	54.50	Kg	10,669.96

CNI	DECCRIPTION OF ITEM		NO	MEA	SURE	MEN	OTV	DATE	LINIT	AMOUNT
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	
L	1 17 Eilling Commencial to CC		Ш	IV	V	VI	VII	VIII	IX	X
′	1.17 Filling from available excavated stuff									
	(Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding									
	20cm in depth consolidating each deposited									
	layer by ramming and watering with a lead									
	Total qty of excavation - sand filling+PCC+RCC upto GL						9.21			
	1						0.21	20 15	0	251 21
	total						9.21	38.15	cum	351.21
8	11.2 Providing and making 12mm thick									
0	cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6									
	C1(300X300)	4	4	0.30		0.30	1.44			
	total		•	0.50		0.50	1.44	91.50	sqm	131.76
	total						1,17	71.50	sqiii	101.70
9	9.3 Steel work in tubular (round,									
	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting,									
	fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	4	4.50	21.30	-	383.40			
	Truss On Shed									
	Tie Beam 50mm dia @6.19Kg/meter	1	1	6.00	6.19	-	37.14			
	Rafter 50mm dia @6.19Kg/meter	1	2	3.38	6.19	-	41.84			
	Intermediate members 50mm dia	1	2	4.50	6.19	-	55.71			
	@6.19Kg/meter									
	Purlins 40mm dia @ 4.37Kg/meter (On	1	4	5.50	4.37	-	96.14			
	Gusset Plate, Fixing Bolt and Base Plate						140.00			
	total						754.23	88.50	Kg	66,749.36

SN	DESCRIPTION OF ITEM		NO	MEAS	SURE	MEN II/D	QTY	RATE	UNIT	AMOUNT
Ī	П		Ш	IV	V	H/D VI	VII	VIII	IX	X
10	10.12 Supply and fixing of polymer						,	V 111		()
	precoated galvalume profile sheets (PPGL)									
	of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both side									
	of the sheet and colour polyester top coat									
	18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard									
	film of 25 microns minimum to avoid									
	scratches while transportation and should									
	be supplied in single length upto 12 metre									
	or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L									
	PWD S.O.RP-91/I-10.11									
	Roofing		2	3.38	5.50		37.18			
	total						37.18	693.00	sqm	25,765.74
									-	
11	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	5.50			5.50			
	total						5.50	552.00	mtr	3,036.00
12	10.16.6 Gutter. (600 mm over all girth).									
	Gutter		2	5.50			11.00			
	total						11.00	629.00	mtr	6,919.00
										,
13	14.22 Painting on new work (two or more									
	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	18.00			54.00			
	Truss	2	2	#####			327.00			
	total	4		11 11 11 11 11			381.00	47.00	sqm	17,907.00
	totai						301.00	47.00	sqiii	17,307.00
14	18.76 Providing and fixing on									
17	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm)									
L	including required couplers jointing with									
	18.76.2 110 mm dia pipe.									

SN	DESCRIPTION OF ITEM		NO	MEA L	SURE R	MEN H/D	QTY RATE UNIT			AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
15	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.									
	(BUILDING SOR ITEM NO.12.4/111)		1.00	4.50	3.00	-	13.50	SQ.M	441.00	5953.50
									Total	161,979.96
				A	ld 3%	Electr	ical and	Plumbing	g Work	4,859.40
SUB TOTAL									166,839.36	

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT MINI MATA WARD NO - 25 " NAGAR PALIKA NIGAM, KORBA (C.G.)

(Du:14:	ng SOD Itom	NAGAR PALIKA NIGAR	11, IX (KD	1 (C.	U .)				
	ng SOR Item									
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	(BUILDING SOR ITEM NO 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-incharge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
		Top Rooof Sheet For Compost Pit shed	2	6.2	27	-	335			
		·r					335	SQM	693	232016.40
								(
2	(BUILDING SOR ITEM NO 10.16/91)	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
1		SLRM FLOORING	WORK	<u> </u>	1			1	· · · · · ·	
8	(BUILDING SOR ITEM NO 12.49/118)	(Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto								
			1.00	12.00	27.00		324.00			
		Add 10% Extra	1.00	12.00	27.00		32.40			
							356.40	SQ.M	897.00	319690.80
										_

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	T	SLRM PAINTING	WORK		1		1	1	1	
		D 17 1 1 1 A 1 1 1 1 D 1								
		Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less								
		than 50gms/ lit Minimum two coats up to final finish applied								
		(a) 1.25 Kg/ 10Sqm as per relevant L.S. Code								
	As per	428:2000 (product such as Tractor Uno, Dulux Duval,								
9	Ammendment no 08,	Berger Bison, Opus Style/lite economy emulsion product								
9	05/05/2025	such as Asian Tactor Spark Dulux Pomise sheen, Neroloc								
	item no.16.62	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of								
		providing abro tape on edges and article and cleaning of								
		door, windows, floor and surface as required with all tools								
		tackles and labour complete for the work.								
		INSIDE	2	24	-	1.2	57.60			
			1	12	-	1.2	14.40			
			3	12	-	3	108.00			
			6	3	-	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1	7.56			
					-	Total	207.54	Sqm	64.00	13282.56
		Providing and applying on exterior surface with ECONOMY								
		Exterior Emulsion paint of required shades to give protective								
		and water proof finish minimum three coats applied @ 1.43								
	As per	lit / 10Sqm up to final finish as per relevant I.S, Code								
	Ammendment	15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger								
10	no 08,	Wall Masta, Nerolac Suraksha Plus, Nippon Shogun Opus,								
	05/05/2025	One Style Power Bright) inclusive of providing abro tape on								
	item no.14.67	edges and article and cleaning of door, windows, floor and								
		surface as required with all tools tackles and labour etc.								
		complete for the work (With 2 Year Warranty)								
		OUTSIDE	2	24	_	1.2	57.60			
		001002	1	9	_	1.2	10.80			
			1	20	-	3	60.00			
		Door Deduct	3	3	-	2.1	18.90			
						Total	109.50	Sqm	70.00	7665.00
	As per	Providing and applying priming coat on steel work with red						-		
	Ammendment	Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per								
11	no 08,	relevant code 3536:1999 (product such as Asian Zinc								
	05/05/2025	phosphate, Dulux Steel primer, Burger Red oxide primer)								
	item no.14.74	with all tools tackles and labour etc. complete for the work								
		Premium synthetic enamel paint								
		On Steel								
		SLRM Pole & Fence	2	19.0	2.00		76.00			
			1	12.0	2.00		24.00	<u> </u>		
		Door	1	3.0	2.10		6.30			
			1	2.0	2.10		4.20			
		Add 2007 Evelue			Total		110.50			
		Add 20% Extra		Çııh	Total		22.10 132.60	Com	35.00	4641
				Sub	Total		132.00	Sqm	55.00	4041
		Providing and applying Aluminium paint mimimum 2 coats								
	As per	in all metal surface applying @ 0.75 li/ 10 Sqm up to required								
	Ammendment	finish as per relevent I.S. code 2932: 2013 of								
12	no 08,	(Product such as Asian Apcolite aluminium paint, Dulux					132.60	sqm	43.00	5701.80
	05/05/2025	Aliminium paint, Burger Superior Aluminium Paint) with all								
	item no.14.76	tools tackle and labour etc. complete for the work								
		SLRM GAT								
	/pr	Steel work welded in built up sections/ framed work including								
10	(BUILDING	cutting, hoisting, fixing in position and applying a priming								
13	SOR. ITEM	coat of red oxide zinc chromate primer.								
Į.	NO 9.6.2/80)	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
		Igaics and similar works.	1					ļ		
		Gate	1	2.50	210		5 2 5			
		Gate	1	2.50			5.25 157.50	KG	68.00	10710.00
		Gate	1		2.10 KG/SC			KG	68.00	10710.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT MINI MATA WARD NO - 25 " NAGAR PALIKA NIGAM, KORBA (C.G.)

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

		(1				· ·						
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)			
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil											
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75			
2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).											
	bottom Beam-	2		0.20	0.20	0.11						
	T Cl.1	2		0.20	0.20	0.08						
	Top Slab-	1	1.40	1.40	0.10	0.20	CUM	4163.00	1623.57			
3	RUILDING SOR ITEM NO3.9/24) Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: 3.12.1 Thermo-Mechanically treated bars FE 415					0.39	CUM	4103.00	1023.57			
		Qty. a	as per ite		-3.2.1	0.39						
	(SOR ITEM NO3.12.1/24)		50 kg/	<u>cum</u>		19.5	KG	54.50	1062.75			
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)											
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47			
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of pit											
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1			0.40	0.40		863.00	345.20			
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	1	1.00	1.00	0.30	0.30		806.00	241.80			
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20			
	(BUILDING SOR ITEM NO21.14/201) PIPELINE-											
6	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.											
<u> </u>	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50			
	(BUILDING SOR ITEM NO1.1/9)											
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.											
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25			
	(BUILDING SOR ITEM NO1.17/11)											
		_										

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)	•							
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT MINI MATA WARD NO - 25 " NAGAR PALIKA NIGAM, KORBA (C.G.)

SANITARY REPAIRING

	5111 (1111111)			_					1
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:							(m 16.)	(iii 163,)
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
2	(BUILDING SOR ITEM NO18.4/161) 18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Origon metters W.C. non of size 500, 140 mms	1		_		1.00	EACH	3545.00	2 5 4 5 00
 	Coloured Orissa pattern W.C. pan of size 580x440 mm (BUILDING SOR ITEM NO18.1/160)	1	-	 -	-	1.00	LACH	3343.00	3,545.00
3	Providing and fixing 10 litre capacity P.V.C. low level flushing								
	cistern conforming to IS: 7231, with all fittings and fixtures complete.								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)								
4	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 18.76.1 75 mm dia pipe.	1	5.00	_	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	_	_	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)					2.00			
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5				5.00		113.00	565.00
	18.77.1.2 110 mm	5	-	-	-	5.00	EACH	154.00	770.00
	Vent covel	·							
	18.77.3.1 75 mm	4	-	_	_	4.00	EACH	34.00	136.00
	18.77.3.2 110 mm	4	_	-	_	4.00	EACH	44.00	176.00
	Access door cap								
	18.77.4.1 75 mm	10				10.00	EACH	49.50	495.00
	18.77.4.2 110 mm	10	-	-	<u> </u>	10.00		59.00	590.00
	18.77.6 Nahani Trap 110	10	-	-	-		EACH	90.50	905.00
	-	10	-	-	-	10.00	EACH	70.30	703.00
	(BUILDING SOR ITEM NO18.77/170)								

7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall etc. complete.								
	18.78.1 75 mm	10	-	-	-	10.00	EACH	57.00	570.00
	18.78.2 110 mm	10	-	-	1	10.00	EACH	61.00	610.00
	(BUILDING SOR ITEM NO18.78/171)								
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	167.00	835.00
9	(BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	_	-	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	362.00	1,810.00
	(BUILDING SOR ITEM NO19.5/176)								Ź
10	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)								
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	-	-	2.00		382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00		494.00	988.00
	19.14.4 Piller Cock (400 grams) 19.14.14 Soap dish plate	2	-	-	1	2.00	EACH	398.00	796.00
	(BUILDING SOR ITEM NO19.14/179)	2	-	-	1	2.00	EACH	163.00	326.00
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia								
13	(BUILDING SOR ITEM NO18.25.2/164) Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	4	-	-	-	4.00	EACH	88.50	354.00
	(BUILDING SOR ITEM NO18.29/164)	2	-	-	_	2.00	EACH	599.00	1,198.00

		1	Ī	1		1		i	
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LIK	7.30	7,300.00
	storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1.00	_	_		1000.00	LTR	7.30	7 300 00
19	Providing and placing on terrace (at all floor levels) polyethylene water								
	(BUILDING SOR ITEM NO20,28/194)	1	-	-	-	1.00	EACH	3796.00	3,796.00
	etc. complete as per standard design :								
	coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4								
	20.1.1 100 mm diameter (BUILDING SOR ITEM NO20.1/189)	1	10.00	-	-	10.00	MTR	162.00	1,620.0
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :		40.00						
	(BUILDING SOR ITEM NO19.16/179)								
	19.16.4 50 mm nominal bore	2	_	_	_	2.00	EACH	762.00	1,524.0
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.10.4 50 mm nominal bore (BUILDING SOR ITEM NO19.10/178)	5	-	-	-	5.00	EACH	347.00	1,735.0
	threading the pipe etc. complete: (dia of main line to be measured)					5.00	7.07	247.00	1
13	following sizes by providing and fixing tee, including cutting and								
15	(BUILDING SOR ITEM NO18.30/164) Making connection of G.I. distribution branch in G.I. main of	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.0
	18.30.1 5mm thick mirror						~~-		
	make and shade with 6 mm thick hard board backing:								
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved								

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT ARAMASHEEN WARD NO - 20 " NAGAR PALIKA NIGAM, KORBA (C.G.)

" SHED FOR BALED	& RECYCI	ABLE MATERIAL	- 27.0 X 3.0 M "

	" SHED FOR BALED & RECYCLA	BLE I	MATI	ERIA	L - 27.0	X 3.0 M	<u>'''</u>		
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.								
		1	27.00	3.00		81.00			
	(BUILDING SOR ITEM NO 16.8/146)					81.00	SQ.M	57.00	4617.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	F1-	10	1.50	1.50	1.80	40.50			
	(BUILDING SOR ITEM NO1.1.1/9)					40.50	CUM	185.00	7493.00
3	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including								
	F1-	10	1.50	1.50	1.80	40.50			
	Deduction- Sand cushion, pcc, footing, column up to GL-					-10.80			
	F1-	10	1.50	1.50	0.15	3.38			
	Floor	1	27.00	3.00	0.15	12.15			
	(BUILDING SOR. ITEM NO1.18/11)					45.23	CUM	371.00	16778.00
4	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	F1-	10	1.50	1.50	0.15	3.38			
	(BUILDING SOR. ITEM NO 3.1.3/23)					3.38	CUM	2970.00	10023.75
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm Footing-								
	F1-	10	1.20	1.20	0.20	2.88			
	Column upto Ground level-								
	C1-	10	0.30	0.30	1.30	1.17			
	Colunm upto Plinth level-								
	C1-	10	0.30	0.30	0.175	0.16			
	Colunm above Plinth level-								
	C1-	10	0.30	0.30	3.00	2.70			
	Ground Beam	2	27.00	0.30	0.20	3.24			
						10.15	CY13.5	44.62.00	
	(BUILDING SOR ITEM NO 3.2/23)					10.15	CUM	4163.00	42244.00
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								
		Qu	antity as		m 3.3	10.15			
	(BUILDING SOR. ITEM NO3.12.1/24)		<u>80k</u>	g/cum		811.80	KG	54.50	44243.00
7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								

8 9.3 St structi hoistii consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM	Column upto Ground level- Column upto Plinth level- Column upto Plinth level- Column above plinth Column above plinth level- Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) Acture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. P. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets GL) of approved size, shape and pitch of corrugation, total coated	20 20 20 20 20	1.20 - 0.30 - 0.30 - 27.00	- 1.20 - 0.30 0.30	0.20 0.20 1.30 1.30 0.175 0.175 3.00 0.300	4.80 4.80 7.80 7.80 1.05 1.05 18.00 16.20		(in Rs.)	(in Rs.)
8 9.3 St structi hoistii consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Column upto Ground level- Column upto Plinth level- Column above plinth Column above plinth level, Steel work in tubular (round, square or rectangular hollow tubes etc.) Column above plinth level, Steel work in tubular (round, square or rectangular hollow tubes etc.) Column above plinth level, Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.)	20 20 20 20 20 20 20 20 20	0.30 - 0.30 - 27.00	0.30 0.30	0.20 1.30 1.30 0.175 0.175 3.00 0.300	7.80 7.80 1.05 1.05 18.00 18.00	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPG) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Column upto Ground level- C1- Column above plinth level- C1- Column above plinth C1- Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in tubular (round, square or rectangular hollow tubes etc.) Steel work in position upto a height of 5m above plinth level, isting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 20 20 20 20 20 20 20 2	0.30 - 0.30 - 27.00	0.30 0.30	0.20 1.30 1.30 0.175 0.175 3.00 0.300	7.80 7.80 1.05 1.05 18.00 18.00	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPG) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Column upto Plinth level- Column above plinth Column above plinth Cl- Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) ture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding n bolts, wind ties bracing (if required), bolts, nuts and washers for ming etc. complete with applying a priming coat of red oxide zinc mate primer. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 20 20 20 20 20 20 2	0.30 - 0.30 - 0.30 - 27.00	0.30	1.30 1.30 0.175 0.175 3.00 0.300	7.80 7.80 1.05 1.05 18.00 18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Column upto Plinth level- Column above plinth Column above plinth Cl- Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) ture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding n bolts, wind ties bracing (if required), bolts, nuts and washers for ming etc. complete with applying a priming coat of red oxide zinc mate primer. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 20 20 20 20 2	0.30 - 0.30 - 27.00	0.30	1.30 0.175 0.175 3.00 3.00 0.300	7.80 1.05 1.05 18.00 18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Column upto Plinth level- C1- Column above plinth C1- Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) Eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 20 20 20 20 2	0.30 - 0.30 - 27.00	0.30	1.30 0.175 0.175 3.00 3.00 0.300	7.80 1.05 1.05 18.00 18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Column above plinth C1- Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 20 20 20 20 2	0.30 - 0.30 - 27.00	0.30	0.175 0.175 3.00 3.00 0.300	1.05 1.05 18.00 18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Column above plinth C1- Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 20 20 2	- 0.30 - 27.00	0.30	3.00 3.00 0.300	1.05 18.00 18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Column above plinth C1- Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) ture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding n bolts, wind ties bracing (if required), bolts, nuts and washers for ming etc. complete with applying a priming coat of red oxide zinc mate primer. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 20 2	- 0.30 - 27.00	0.30	3.00 3.00 0.300	1.05 18.00 18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. P. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 20 2	0.30 - 27.00	0.30	3.00 3.00 0.300	18.00 18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. P. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	20 2	27.00		3.00	18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Ground Beam ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. 2. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2. Supply and fixing of polymer precoated galvalume profile sheets	20 2	27.00		3.00	18.00 16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. 2. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2. Supply and fixing of polymer precoated galvalume profile sheets	2	27.00		0.300	16.20	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	ILDING SOR ITEM NO 2.1.1/16) Steel work in tubular (round, square or rectangular hollow tubes etc.) eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. 2. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2. Supply and fixing of polymer precoated galvalume profile sheets		27.00	3.00			SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	Steel work in tubular (round, square or rectangular hollow tubes etc.) sture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding n bolts, wind ties bracing (if required), bolts, nuts and washers for ming etc. complete with applying a priming coat of red oxide zinc mate primer. 2. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2. Supply and fixing of polymer precoated galvalume profile sheets	1		3.00		79.50	SQ.M	139.00	11051.00
8 9.3 St structi hoisti consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM	Steel work in tubular (round, square or rectangular hollow tubes etc.) sture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding n bolts, wind ties bracing (if required), bolts, nuts and washers for ming etc. complete with applying a priming coat of red oxide zinc mate primer. 2. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2. Supply and fixing of polymer precoated galvalume profile sheets	1		3.00		/9.50	SQ.M	139.00	11051.00
structi hoistin consis down fasten chrom 9.3.2 (BUII 9 10.12 (PPGI) thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	eture in built-up sections, trusses and frame work including cutting, ting, fixing in position upto a height of 5m above plinth level, isting of columns trusses, roof and bottom purlins, base plate, holding in bolts, wind ties bracing (if required), bolts, nuts and washers for ening etc. complete with applying a priming coat of red oxide zinc mate primer. 2. Electric resistance or induction butt welded tubes Grade-300 Shed area ILDING SOR ITEM NO 9.3.2/80) 2. Supply and fixing of polymer precoated galvalume profile sheets	1		3.00					
9 10.12 (PPGI thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	ILDING SOR ITEM NO 9.3.2/80) 2 Supply and fixing of polymer precoated galvalume profile sheets	1		3.00					
9 10.12 (PPGI thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	2 Supply and fixing of polymer precoated galvalume profile sheets		3:		-	81.00			
9 10.12 (PPGI thickn (TCT) polyes should scrate upto 1 fixed EPDM diame	2 Supply and fixing of polymer precoated galvalume profile sheets			5KG/S0	QM	2835.00	KG	93.50	265072.50
(PPGI thickn (TCT) polyes should scrate upto 1 fixed EPDM diame			1						
curve									
	Top Roof	1	3.20	27.00	_	86.40			
	Side of Truss	2	3.00		1.50	9.00			
						95.40	SQM	693.00	66112.20
(BUI)	ILDING SOR ITEM NO 10.12/91)					. 27.0			
access 120gs both s drillin tappin	6 Providing and fixing precoated galvanised steel sheet roofing ssories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on side of the sheet and polyester top coat 15-18 microns using self ing/self ing screws or with polymer coated J or L hooks, bolts and nuts and or 6.6 Gutter. (600 mm over all girth)		27.00			27.00	MTD	620.00	1/002 00
	ILDING SOR ITEM NO 10.16/91)	1	27.00			27.00	MTR	629.00	16983.00
11 Painti	ting on new work (two or more coats) to give an even shade with Satinhetic enamel paint								
 	Shed truss	10	3.00		1.20	26.00			
		4	4.00	0.02	1.20	36.00			
			0.47	0.02	2.10	0.30			
(BUI	Runner Pole		U.T/	1	2.10	10.88 47.18	SQM	55.00	2594.98

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
12	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.							,	(iii sur,
	(BUILDING SOR ITEM NO.12.4/111)	1.00	27.00	3.00	-	81.00	SQ.M	441.00	35721.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:								
	(BUILDING SOR. ITEM NO 7.4.1/45)	1.00	27.00	1	3.00	81.00 81.00	SQ.M	382.00	30942.00
14	Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
	(BUILDING SOR. ITEM NO11.2/103)	1.00	27.00	-	3.00	81.00 81.00	SQ.M	91.50	7411.50
15	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement: 6 fine sand)								
	OUTER (BUILDING SOR. ITEM NO11.3/103)	1.00	27.00	-	3.00	81.00 81.00	SQ.M	107.00	8667.00
16	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing								
	INNER As per Ammendment no 08, 05/05/2025 item no.16.62	1.00	27.00	-	3.00	81.00	60.14	64.00	710400
	As per Ammendment no vo, 05/05/2025 tem no.10.02				Total	81.00	SQ.M	64.00	5184.00
17	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta, Nerolac Suraksha Plus, Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	27.00	-	3.00	81.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	81.00	SQ.M	70.00	5670.00
								Total Rs.	580808.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT ARAMASHEEN WARD NO - 20 "

WET WASTE TIPPING SHED AT SWM PLANT (5.00MX6.00M)

SN DESCRIPTION OF ITEM 1								BUILDING	S.O.R. IN F	ORCE FR	OM 1 JAN 2015
1	SN	DESCRIPTION OF ITEM						OTY	RATE	UNIT	AMOUNT
1.1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area),	511	DESCRIPTION OF THEM		-							
trenches and drains or for any other purpose including disposal of exeavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), 1.1.1 In all types of soils. FI(1500X1500) total 2 1.1.8 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20em in depth consolidating each deposited layer by ramming and watering, including dressing etc complete. Footing FI(1500X1500) 8 1.50 1.50 27.00 185.00 cum 4,995.00 185.00 cum	I			III	IV	V	VI	VII	VIII	IX	X
disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the exeavated area), 1.1.1 ln all types of soils.	1	* *									
Upto 50m (at least 5m away from the exeavated area), 1.1.1 In all types of soils.		, , ,									
1.1.1 In all types of soils.											
F1(1500X1500) 8 1.50 1.50 27.00 185.00 cum 4,995.00											
total		1.1.1 In all types of soils.									
2 1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete. Footing F1(1500X1500) 8 1.50 1.50 0.10 1.80 1.80 371.00 cum 667.80 3 3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). Footing F1(1500X1500) 8 1.50 1.50 0.10 1.80 Footing F1(1500X1500) 8 1.50 1.50 0.10 1.80 1.80 2970.00 cum 5,346.00 4 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to 1S:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below Plinth Level L Wall Vall 4 2.14 0.30 0.30 0.30 0.95 Vall Vall Vall 4 2.64 0.30 0.30 0.90 O 0.41		F1(1500X1500)		8	1.50	1.50	1.50	27.00			
dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete. Footing F1(1500X1500) 8		total						27.00	185.00	cum	4,995.00
dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete. Footing F1(1500X1500) 8											
exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete.	2	1.18 Providing and filling in plinth with sand/ Crusher									
layer by ramming and watering, including dressing etc complete. Footing		· · · · · · · · · · · · · · · · · · ·									
etc complete.		exceeding 20cm in depth consolidating each deposited									
Footing		layer by ramming and watering, including dressing									
F1(1500X1500) 8 1.50 1.50 0.10 1.80		etc complete.									
1.80 371.00 cum 667.80		Footing									
3 3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). Footing F1(1500X1500) 8 1.50 1.50 0.10 1.80 total 1.80 2970.00 cum 5,346.00 4 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below Plinth Level L Wall 4 2.14 0.30 0.30 0.37 X Wall 4 2.64 0.30 0.30 0.30 0.95 1 4.58 0.30 0.30 0.41		F1(1500X1500)		8	1.50	1.50	0.10	1.80			
concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).		total						1.80	371.00	cum	667.80
concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).											
mixer in all works upto plinth level excluding cost of form work. 3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). Footing F1(1500X1500) 8 1.50 1.50 0.10 1.80 total 1.80 2970.00 cum 5,346.00 4 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below Plinth Level L Wall 4 2.14 0.30 0.30 0.77 X Wall 4 2.64 0.30 0.30 0.95 1 4.58 0.30 0.30 0.41	3	3.1 Providing and laying nominal mix plain cement									
Solution		concrete with crushed stone aggregate using concrete									
3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). Footing F1(1500X1500) 8 1.50 1.50 0.10 1.80 total 1.80 2970.00 cum 5,346.00 4 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below Plinth Level L Wall 4 2.14 0.30 0.30 0.77 X Wall 4 2.64 0.30 0.30 0.95 1 4.58 0.30 0.30 0.41		mixer in all works upto plinth level excluding cost of	1								
Stone aggregate 40mm nominal size).		form work.									
Stone aggregate 40mm nominal size).		3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded									
Footing		stone aggregate 40mm nominal size).									
F1(1500X1500) 8 1.50 1.50 0.10 1.80											
total 1.80 2970.00 cum 5,346.00 4 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: ————————————————————————————————————				8	1.50	1.50	0.10	1.80			
4 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 8			•		l l			1.80	2970.00	cum	5,346.00
Bricks confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:											
designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below Plinth Level 4 2.14 0.30 0.30 0.77 L Wall 4 2.64 0.30 0.30 0.95 X Wall 4 2.64 0.30 0.30 0.30 0.41	4	7.5 Brick work with modular fly-ash lime bricks (FaLG									
7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below Plinth Level L Wall 4 2.14 0.30 0.30 0.77 X Wall 4 2.64 0.30 0.30 0.95 1 4.58 0.30 0.30 0.41		Bricks) confirming to IS:12894-2002 of class									
Below Plinth Level		designation 4.0 in foundation and plinth in:									
Below Plinth Level		7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)									
X Wall 4 2.64 0.30 0.30 0.95 1 4.58 0.30 0.30 0.41											
1 4.58 0.30 0.30 0.41		L Wall		4	2.14	0.30	0.30	0.77			
1 4.58 0.30 0.30 0.41		X Wall		4	2.64	0.30	0.30	0.95			
total 2.13 3263.00 cum 6,959.98				1			0.30	0.41			
		total	•		l l				3263.00	cum	6,959.98

CNI	DECODITION OF ITEM		N	MEAS	UREM	IENT	OTV	DATE	TINITE	AMOUNT
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	UNII	AMOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
5	2.1 Providing and fixing form work including centring,									
	shuttering, strutting, staging, propping bracing etc.									
	complete and including its removal									
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of									
	wall below plinth level.									
	Footings									
	F1(1500X1500)	2	8	1.30		0.15	3.12			
	11(1500X1500)	2	8	1.50	1.30	0.15	3.12			
	Column upto G L		0		1.50	0.13	3.12			
	C1(300X300)	2	8	0.30		0.65	3.12			
	C1(5007500)	2	8	0.30		0.65	3.12			
	Column above G L		-	0.50		0.03	3.12			
	C1(300X300)	2	8	0.30		0.30	1.44			
		2	8	0.30		0.30	1.44			
	Plinth Beam		_			***************************************				
	L Wall	2	4	2.14		0.30	5.14			
	X Wall	2	4	2.64		0.30	6.34			
		2	1	4.58		0.30	2.75			
	total				•		29.58	139.00	sqm	4,111.62
6	3.2 Providing and laying nominal mix reinforced									
	cement concrete with crushed stone aggregate using									
	concrete mixer in all works up to plinth level excluding									
	cost of form work									
	3.2.1 1:1½:3 (1 cement : $1\frac{1}{2}$ coarse sand : 3 graded									
	stone aggregate 20mm nominal size).									
	F1(1500X1500)		8	1.30	1.30					
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.2+0.2)/2		8			0.20	1.60			
	Subtotal a						4.30			
	Column upto G L		0	0.20	0.20	0.65	0.47			
	C1(300X300)		8	0.30	0.30	0.65	0.47			
	Subtotal b						0.47			
	Column above G L		8	0.20	0.20	0.20	0.22			
	C1(300X300) Subtotal c		ð	0.30	0.30	0.30	0.22 0.22			
							0.22			
	Plinth Room									
	Plinth Beam		1	2 1/	0.30	0.30	0.77			
	L Wall		4	2.14	0.30		0.77			
			4	2.64	0.30	0.30	0.95			
	L Wall X Wall				0.30	0.30	0.95 0.41			
	L Wall			2.64	0.30	0.30	0.95 0.41 2.13	4163.00	cum	29,644.72

			N	MEAS	HREN	TENT				
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
7	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including straightening,									
	cutting, bending, binding etc. complete as per drawings									
	including cost of binding wire in foundation and plinth									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	Footing			4.30		78.50	337.86			
	Column			0.68		78.50	53.69			
	Plinth Beam			2.13	1.00	78.50	167.44			
	total			•	,		559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff (Excluding									
	rock) in trenches, plinth, sides of foundation etc. in									
	layers not exceeding 20cm in depth consolidating each									
	deposited layer by ramming and watering with a lead									
	upto 50 M.									
	Total qty of excavation - sand filling+PCC+RCC upto						16.28			
	GL									
	total			-	1		16.28	38.15	cum	621.04
_										
9	11.2 Providing and making 12mm thick cement plaster									
	of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)	4	8	0.30		0.30	2.88			
	C1(300X300)	4	δ	0.30		0.30		01.50		263.52
	total						2.88	91.50	sqm	203.52
10	11.3 Providing and making 15mm thick cement plaster									
10	on the rough side of single or half brick wall									
	11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)									
	External Wall	1	2	5.00		0.60	6.00			
		1	2	6.00		0.60	7.20			
	total			•			13.20	113.00	sqm	1,491.60
11	14.9 Distempering with acrylic washable distemper to									
	give an even shade.									
	14.9.1 On new work (Two or more coats)									
	Area of Internal Wall									
	Area of Plaster						2.88			
	total		_				2.88	38.00	sqm	109.44

SN	DESCRIPTION OF ITEM		N	MEAS	UREN	IENT	QTY	DATE	IINIT	AMOUNT
	DESCRIPTION OF THEM		0	L	В	H/D	,			
I	II		Ш	IV	V	VI	VII	VIII	IX	X
12	14.14 Finishing walls with water proofing cement									
	paint of required shade to give an even shade.									
	14.14.1 On new work (Two or more coats applied @									
	3.84 kg/10 sqm)									
	External Wall						12.20			
	Area of External Plaster						13.20	41.00		541.20
	total						13.20	41.00	sqm	541.20
12	9.3 Steel work in tubular (round, square or									
13	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up									
	sections, trusses and frame work including cutting,									
	hoisting, fixing in position upto a height of 5m									
	above plinth level, consisting of columns trusses, roof									
	and bottom purlins, base plate, holding down bolts,									
	wind ties bracing (if required), bolts, nuts and washers									
	9.3.1 Electric resistance or induction butt welded tubes									
	Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	8	4.50	21.30		766.80			
	Truss On Shed	1	0	4.30	21.50	_	700.80			
		4	1	7.00	6.19		173.32			
	Tie Beam 50mm dia @6.19Kg/meter Rafter 50mm dia @6.19Kg/meter	4	2	4.35			215.41			
	Intermediate members 50mm dia @6.19Kg/meter	4	2	4.60			213.41			
	9 9	2	2	8.00		-	139.84			
	Purlins 40mm dia @ 4.37Kg/meter (On Top) Gusset Plate, Fixing Bolt and Base Plate Etc			8.00	4.37	-	180.00			
							1703.16	88.50	V.	150 720 66
	total						1/03.10	88.50	Kg	150,729.66
14	10.12 Supply and fixing of polymer precoated									
* •	galvalume profile sheets (PPGL) of approved size,									
	shape and pitch of corrugation, total coated thickness									
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of									
	the sheet and colour polyester top coat 18-20 microns									
	and 6-7 microns on bottom. Sheet should have									
	protective guard film of 25 microns minimum to avoid									
	scratches while transportation and should be supplied									
	in single length upto 12 metre or as desired by									
	Engineer-in-charge. The sheet shall be fixed using self									
	drilling /self tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L hooks, bolts									
	and nuts 8mm diameter with bitumen and G.I. limpet									
	washers or with G.I. limpet washers filled with white									
	lead complete unto any nitch in horizontal/vertical or									
	PWD S.O.RP-91/I-10.11			-						
	Roofing		2	3.82	8.00		61.12			
	total						61.12	693.00	sqm	42,356.16

SN	DESCRIPTION OF ITEM		N	MEAS	UREN	IENT	QTY	RATE	IINIT	AMOUNT
			0	\mathbf{L}	В	H/D				
I	II		Ш	IV	V	VI	VII	VIII	IX	X
15	10.16 Providing and fixing precoated galvanised steel									
	sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness (TCT), Zinc									
	coating 120gsm as per IS: 277 in 240mpa steel grade,									
	5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/									
	self tapping screws or with polymer coated J or L									
	hooks, bolts and nuts and or G.I. seam bolts and nuts,									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	8.00			8.00			
	total						8.00	552.00	mtr	4,416.00
										,
16	10.16.6 Gutter. (600 mm over all girth).									
	Gutter		2	8.00			16.00			
	total						16.00	629.00	mtr	10,064.00
										·
17	14.22 Painting on new work (two or more coats) to									
	give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	36.00			108.00			
	Truss	2	2	157.68			473.04			
	total						581.04	47.00	sqm	27,308.88
18	18.76 Providing and fixing on wall face or									
	under floor UV stabilized Unplasticised Rigid PVC									
	pipes (single socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm) including									
	required couplers, jointing with seal ring conforming									
	18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
19	12.4 52 mm thick cement concrete flooring with under									
	layer of 40mm thick cement concrete 1:2:4 (1 cement :									
	2 coarse sand : 4 graded stone aggregate 20mm									
	nominal size) and top layer of 12 mm thick cement									
	metallic hardener concrete mix 1:2 (1 cement hardener									
	mix: 2 stone aggregate of 6 mm size by volume) with									
	metallic hardening compound of approved quality			7 00	6.00		20.00			
	4.4.1		1	5.00	6.00		30.00	441.00		12 220 00
	total						30.00	441.00		13,230.00
				A d	1 30/ 1	Clootei	and Di	lumbino		338,128.04
				Auc	1 3 % 1	Hectri	cal and P			10,143.84 348,271.89
								SUDI	UIAL	340,4/1.09

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT ARAMASHEEN WARD NO - 20" NAGAR PALIKA NIGAM, KORBA (C.G.)

(D. 11)	r con t	NAGAR FALIKA NIGA	141, 1	XON	DA	(\mathbf{C},\mathbf{C})	1.)	<u> </u>	l	
_		ms) W.E.F 01/01/2015		_	_					
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	(BUILDING SOR ITEM NO. 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
		Top Rooof Sheet For Compost Pit shed	2	6.2	27		335			
		Top 10001 51101 Compost 1 to 5100		0.2			335	SQM	693	232016.40
								~ (***	
2		10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
		SLRM FLOORING	G WOR	RK	1			1		
8	(BUILDING SOR ITEM NO. 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00	-	324.00			
		Add 10% Extra					32.40			
							356.40	SQ.M	897.00	319690.80

As per Ammendment no 08, 05/05/2025 item no.16.62 As per Ammendment	ndment L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, 2025 Berger Bison, Opus Style/lite economy emulsion	2 1 3 6 3 4	24 9 12 3 3 0.9		1.2 1.2 3 3 2.1	57.60 10.80 108.00			
Ammendment no 08, 05/05/2025 item no.16.62	lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article INSIDE Door Deduct Providing and applying on exterior surface with	1 3 6 3	9 12 3 3	-	1.2 3 3	10.80 108.00			
Ammendment no 08, 05/05/2025 item no.16.62	lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article INSIDE Door Deduct Providing and applying on exterior surface with	1 3 6 3	9 12 3 3	-	1.2 3 3	10.80 108.00			
no 08, 05/05/2025 item no.16.62	428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article INSIDE Door Deduct Providing and applying on exterior surface with	1 3 6 3	9 12 3 3	-	1.2 3 3	10.80 108.00			
-	Door Deduct Providing and applying on exterior surface with	1 3 6 3	9 12 3 3	-	1.2 3 3	10.80 108.00			
-	Providing and applying on exterior surface with	3 6 3	12 3 3	-	3	108.00			
-	Providing and applying on exterior surface with	6	3	-	3				
-	Providing and applying on exterior surface with	3	3						
-	Providing and applying on exterior surface with			-		54.00 18.90			
-			0.7	_	2.1	7.56			
-					Total	203.94	Sqm	64.00	13052.16
no 08, 05/05/2025 item no.14.67	2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTSIDE	2	24	-	1.2	57.60			
		1	9 20	-	1.2	10.80			
	Door Deduct	3	3	_	2.1	18.90			
					Total	109.50	Sqm	70.00	7665.00
As per Ammendment no 08, 05/05/2025 item no.14.74	ondment on the control of the contro								
	Premium synthetic enamel paint								
		2	10.0	2.00		76.00			
	SLKM Pole & Fence								
	Door	1	3.0	2.10		6.30			
		1	2.0	2.10		4.20			
				Total		110.50			
	Add 20% Extra					22.10	~		
			Sub T	otal		132.60	Sqm	35.00	4641
As ner	ndment up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint,					132.60	sqm	43.00	5701.80
	As mmen no 05/05	As per mmendment no 08, 2013 of Red oxide primer) with all tools tackles and labour with all tools tackles and labour at a complete for the work. Premium synthetic enamel paint On Steel SLRM Pole & Fence Door Add 20% Extra Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of	Red oxide primer) with all tools tackles and labour of a complete for the work Premium synthetic enamel paint On Steel SLRM Pole & Fence 2 1 Door 1 Add 20% Extra Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium	Red oxide primer) with all tools tackles and labour of complete for the work Premium synthetic enamel paint On Steel SLRM Pole & Fence 2 19.0 1 12.0 Door 1 3.0 1 2.0 Add 20% Extra Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium	em no.14.74 Red oxide primer) with all tools tackles and labour of complete for the work Premium synthetic enamel paint On Steel SLRM Pole & Fence 2 19.0 2.00 1 12.0 2.00 Door 1 3.0 2.10 Total Add 20% Extra Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium	em no.14.74 Red oxide primer) with all tools tackles and labour oto complete for the work Premium synthetic enamel paint On Steel SLRM Pole & Fence 2 19.0 2.00 1 12.0 2.00 Door 1 3.0 2.10 1 2.0 2.10 Total Add 20% Extra Sub Total Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: no 08, 05/05/2025 em no.14.76 Dulux Aliminium paint, Burger Superior Aluminium	Red oxide primer) with all tools tackles and labour Premium synthetic enamel paint On Steel SLRM Pole & Fence 2 19.0 2.00 76.00	Red oxide primer with all tools tackles and labour Premium synthetic enamel paint On Steel SLRM Pole & Fence 2 19.0 2.00 76.00	Red Oxide primer with all tools tackles and labour Premium synthetic enamel paint On Steel SLRM Pole & Fence 2 19.0 2.00 76.00

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		DEMOLISH W	ORK							
13	(BUILDING SOR ITEM NO. 16.3.3/146)	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.								
		Front side Boundary wall & Fencing	1.00	40.00	0.20	1.50	12.00			
		Back side Boundary wall & Fencing	1.00	27.00	0.20	1.50	8.10			
							20.10	SQ.M	263.00	5286.30
		FENCING REV	AMP		1					
	1	Steel work weiged in built up sections/ framed work	AWII							
14	(BUILDING SOR. ITEM NO 9.6.2/80)	including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. 9.6.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar, works								
		Top Rail	1	40.00	-	-	40.00			
				3.80 KC	G/MTR		152.00			
		Vertical- post-	27	1.50	-	-	40.50			
				14.80 K	G/MTI	₹	599.40			
							751.40	KG	68.00	51095.2
15	(BUILDING SOR ITEM NO. 9.43.1/84)	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.	1	40.00	_	1.95	78.00			
			1	10.00		1.75	78.00	SO M	331.00	25818.0
							70.00		TOTAL	713836.66

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT ARAMASHEEN NO - 20" NAGAR PALIKA NIGAM, KORBA (C.G.)

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

S.No. PARTICULAR 1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil 2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). bottom Beam- 2 1.40 0.20 0.20 0.11 2 1.00 0.20 0.20 0.08 Top Slab- 1 1.40 1.40 0.10 0.20 (BUILDING SOR ITEM NO3.9/24) 3 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete:	(in Rs.) 1 185.00	434.75 1623.57
for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil (BUILDING SOR. ITEM NO1.1.1/9) 1 1.40 1.40 1.20 2.35 CU 2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). bottom Beam- 2 1.40 0.20 0.20 0.11 2 1.00 0.20 0.20 0.08 Top Slab- 1 1.40 1.40 0.10 0.20 (BUILDING SOR ITEM NO3.9/24) 3 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per	185.00	434.75
Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). bottom Beam- 2 1.40 0.20 0.20 0.11 2 1.00 0.20 0.20 0.08 Top Slab- 1 1.40 1.40 0.10 0.20 (BUILDING SOR ITEM NO3.9/24) 3 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per		
crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). bottom Beam- 2 1.40 0.20 0.20 0.11 2 1.00 0.20 0.20 0.08 Top Slab- 1 1.40 1.40 0.10 0.20 (BUILDING SOR ITEM NO3.9/24) Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per	A 4163.00	1623.57
Top Slab- (BUILDING SOR ITEM NO3.9/24) 2 1.00 0.20 0.20 0.08 Top Slab- 1 1.40 1.40 0.10 0.20 (BUILDING sor ITEM NO3.9/24) 3 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per	A 4163.00	1623.57
Top Slab- 1 1.40 1.40 0.10 0.20 (BUILDING SOR ITEM NO3.9/24) 0.39 CU 3 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per	A 4163.00	1623.57
(BUILDING SOR ITEM NO3.9/24) 3 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per	A 4163.00	1623.57
3 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per	4163.00	1623.57
including straightening, cutting, bending, binding etc. complete as per		
3.12.1 Thermo-Mechanically treated bars FE 415		
Qty. as per item No3.2.1 0.39		
(SOR ITEM NO3.12.1/24) 50 kg/cum 19.5 K	54.50	1062.75
4 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)		
(BUILDING SOR ITEM NO7.5.4/45) 1 4.80 0.20 1.40 1.34 CU	A 3263.00	4385.47
Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. Stone boulders of size range 5 cm to 20 cm, in recharge pit 1 1,00 1,00 0,40 0,40 CU	A 0/2 00	245.20
	_	345.20
	_	241.80
Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel 1 1.00 1.00 0.20 0.20 CU (BUILDING SOR ITEM NO21.14/201)	471.00	94.20
PIPELINE-		
6 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.		
In all types of soil 1 50.0 0.30 0.30 4.50 CU	185.00	832.50
(BUILDING SOR ITEM NO1.1/9)		
7 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.		
50% of Item No 1 2.25 CU	4 65.00	146.25
(BUILDING SOR ITEM NO1.17/11)		

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT ARAMASHEEN WARD NO - 20 " NAGAR PALIKA NIGAM, KORBA (C.G.)

" PLUMBING & SANITARY WORK "

								D A TEXT	ARCTINI
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in	AMOUN T
1	Providing and fixing vitreous china water closet (European type W.C. pan)								
	with white ISI marked plastic seat and lid, 10 litre low level white P.V.C.								
	flushing cistern (same colour), conforming to IS: 7231, with all fittings and								
	fixtures complete including cutting and making good the walls and floors								
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								,
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan								
), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern								
	(same colour) conforming to IS: 7231, with flush bend and other fittings and								
	fixtures complete including cutting and making good the walls and floors								
	wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.00
	(BUILDING SOR ITEM NO18.1/160)						Direit.	50.000	2,010100
3	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern								
	conforming to IS: 7231, with all fittings and fixtures complete.								
	18.7.2 Coloured	2	_	-	_	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)					2.00	Liten	057.00	1,074.00
4	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm								
7	C.P. brass waste of standard pattern, including painting of brackets, cutting								
	and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	_	-	_	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)	1		_	_	1.00	EACH	1074.00	1,074.00
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised								
3	Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming								
	to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring								
	conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc								
	18.76.1 75 mm dia pipe.	1	5.00	-		5.00	MTR	182.00	910.00
	18.76.1 73 mm dia pipe. 18.76.2 110 mm dia pipe.	1		-	-		MTR		
		1	5.00	-	-	5.00	MIK	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded								
	fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes								
	conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS:								
	5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5	-	-	-	5.00	EACH	154.00	770.00
	Vent covel								
	18.77.3.1 75 mm	4		_	_	4.00	EACH	34.00	136.00
	18.77.3.2 110 mm	4						44.00	176.00
			-	-	-	4.00	EACH	44.00	170.00
	Access door cap								
	18.77.4.1 75 mm		-	-	-	10.00	EACH	49.50	495.00
	18.77.4.2 110 mm		-	-	-	10.00	EACH	59.00	590.00
	18.77.6 Nahani Trap 110	10	-	-	-	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)								
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved								
	design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs,								
	screwed with M.S. screwes of required length including cutting brick work								
	and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good								
	the wall etc. complete.								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUN
	18.78.1 75 mm	10	_	_	_	10.00	EACH	(in 57.00	T 570.00
	18.78.2 110 mm	10	_	_	-		EACH	61.00	610.00
	(BUILDING SOR ITEM NO18.78/171)							01100	01000
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having								
	thermal stability for hot & cold water supply including all CPVC plain & brass								
	threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This								
	includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints								
	complete as per direction of Engineer in Charge.CONCEALED WORK								
	including cutting chases and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	ı	5.00	MTR	167.00	835.00
	(BUILDING SOR ITEM NO19.5/176)								
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass								
	thermal stability for not & cold water supply including an CFVC plant & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This								
	includes jointing of pipes & fittings with one step CPVC solvent cement and								
	testing of joints complete as per direction of Engineer in Charge.INTERNAL								
	WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00		199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes.	1 1	5.00	-	-	5.00 5.00		271.00 362.00	1,355.00 1,810.00
	(BUILDING SOR ITEM NO19.5/176)	1	3.00	-	-	3.00	MIK	302.00	1,010.00
10	Providing and fixing on wall surface G.I. pipes medium class complete with								
	G.I. fittings and clamps, including cutting, making good the walls etc. and								
	testing of joints complete:								
	19.7.6 50 mm dia. nominal bore (BUILDING SOR ITEM NO19.7/177)	1	5.00	-	-	5.00	MTR	471.00	2,355.00
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved								
	make and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	-	-	2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00		494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	1	2.00		398.00	796.00
	19.14.14 Soap dish plate	2	-	-	-	2.00	EACH	163.00	326.00
12	(BUILDING SOR ITEM NO19.14/179) Providing and fixing flexible P.V.C. waste pipe for sink or wash basin								
12	including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia								
	(BUILDING SOR ITEM NO18.25.2/164)	4	-	-	-	4.00	EACH	88.50	354.00
	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to								
	wooden cleats with C.P. brass screws and washers complete.								
	(BUILDING SOR ITEM NO18.29/164)	2	_	 	-	2.00	EACH	599.00	1,198.00
14	Providing and fixing mirror of superior glass (of approved quality) and of	-				2.00	2011	277.00	2,270.00
	required shape and size with plastic moulded frame of approved make and								
	shade with 6 mm thick hard board backing:								
	18.30.1 5mm thick mirror								
	(BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes								
	by providing and fixing tee, including cutting and threading the pipe etc.								
	complete: (dia of main line to be measured)								
	10 10 / 50 mm naminal bara	5		-	_	5 00	ЕАСИ	347 00	1,735.00
	19.10.4 50 mm nominal bore	5	-	-	-	5.00	EACH	347.00	1,735.0

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in	AMOUN T
	(BUILDING SOR ITEM NO19.10/178)							Ì	
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO19.16/179)								
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	-	-	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)								
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	20.28.1 Inside dimensions $455x610$ mm and 45 cm deep for single pipe line :	1	-	ı	-	1.00	EACH	3796.00	3,796.00
	(BUILDING SOR ITEM NO20.28/194)								
19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
								Total Rs.	47,635.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT MANIKPUR WARD NO - 30 " NAGAR PALIKA NIGHAM, KORBA (C.G.)

	SHED EXTE	1010		0 11 12,0				RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material							(======)	(======================================
	within 50 metre lead.	1	4.00	12.00		48.00			
	(BUILDING SOR ITEM NO 16.8/146)	1	4.00	12.00		48.00	SQ.M	57.00	2736.00
	(20122110 20111211101 100/110)					40.00	SQ.M	37.00	2730.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	F1-	2	1.50	1.50	1.80	8.10			
	(BUILDING SOR ITEM NO1.1.1/9)					8.10	CUM	185.00	1499.00
3	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering,								
	F1-	2	1.50	1.50	1.80	8.10			
	Deduction- Sand cushion, pcc, footing, column up to GL-					-2.16			
	F1-	2	1.50	1.50	0.15	0.68			
	Floor	1	4.00	12.00	0.15	7.20			
	(BUILDING SOR. ITEM NO1.18/11) Providing and laying nominal mix plain cement concrete with					13.82	CUM	371.00	5125.00
	crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10		1.50	1.50	0.15	0.69			
	F1-	2	1.50	1.50	0.15	0.68			
	(BUILDING SOR. ITEM NO 3.1.3/23)	1	4.00	12.00	0.10	4.80	GT13.5	2970.00	16260.7
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20					5.48	CUM	2570.00	1020077
	Footing-								
	F1-	2	1.20	1.20	0.20	0.58			
	Colunm upto Ground level-								
	C1-	2	0.30	0.30	1.30	0.23			
	Columm upto Plinth level-								
	C1-	2	0.30	0.30	0.175	0.03			
	Colunm above Plinth level-								
	C1-	2	0.30	0.30	3.000	0.54			
	Kerb wall	2	4.00	0.30	0.200	0.48			
	(BUILDING SOR ITEM NO 3.2/23)					1.86	CUM	4163.00	7749.00
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								
	-		Quantity	y as per item	3.3	1.86			
	(BUILDING SOR. ITEM NO3.12.1/24)		8	30kg/cum	Ī	148.92	KG	54.50	8116.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
7	Providing and fixing formwork including centering, shuttering,	110.	L	В	11/10	QII.	OTTI	(in Rs.)	(in Rs.)
,	strutting, staging, propping bracing etc. complete and including its								
	removal at all levels, for:								
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	Footing-								
	F1-	4	1.20	_	0.20	0.96			
		4	-	1.20	0.20	0.96			
	Colunm upto Ground level-	•		1.20	0.20	0.90			
	C1-	4	0.30	-	1.30	1.56			
		4	-	0.30	1.30	1.56			
	Colunm upto Plinth level-					1.50			
	C1-	4	0.30		0.175	0.21			
		4	-	0.30	0.175	0.21			
	Column above plinth					***			
	C1-	4	0.30		3.00	3.60			
		4	-	0.30	3.00	3.60			
	Kerb wall	2	4.00		0.300	2.40			
	(BUILDING SOR ITEM NO 2.1.1/16)					15.06	SQ.M	139.00	2093.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes								
	etc.) structure in built-up sections, trusses and frame work including								
	cutting,								
	hoisting, fixing in position upto a height of 5m above plinth level,								
	consisting of columns trusses, roof and bottom purlins, base plate, holding								
	down bolts, wind ties bracing (if required), bolts, nuts and washers for								
	Shed area	1	4.00	12.00	_	48.00			
				35KG/SQN	<u></u> И	1680.00	KG	93.50	157080.00
	(BUILDING SOR ITEM NO 9.3.2/80)								
9	10.12 Supply and fixing of polymer precoated galvalume profile sheets								
	(PPGL) of approved size, shape and pitch of corrugation, total coated								
	thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers								
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	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and	2	6.20	4.00	-	49.60			
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	2	6.20 12.40	4.00	1.50	49.60			
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.			4.00	1.50		SQM	693.00	47262.60
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.			4.00	1.50	18.60	SQM	693.00	47262.60
10	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Top Roof Side of Truss (BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet roofing			4.00	1.50	18.60	SQM	693.00	47262.60
10	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Top Roof Side of Truss (BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc			4.00	1.50	18.60	SQM	693.00	47262.60
10	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Top Roof Side of Truss (BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet roofing			4.00	1.50	18.60	SQM	693.00	47262.60
10	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Top Roof Side of Truss (BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self			4.00	1.50	18.60	SQM	693.00	47262.60
10	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Top Roof Side of Truss (BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and			4.00	1.50	18.60	SQM	693.00	47262.60
10	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Top Roof Side of Truss (BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or	1	12.40	4.00	1.50	18.60 68.20			
10	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Top Roof Side of Truss (BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and			4.00	1.50	18.60	SQM MTR MTR	693.00 552.00 629.00	47262.60 2208.00 5032.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Painting on new work (two or more coats) to give an even shade with Satin synthetic enamel paint							(======================================	(22 223)
	Shed truss	1	12.00	-	1.50	18.00			
	Runner	2	4.00	0.02		0.15			
	Pole	2	2.10		2.10	8.82			
	(BUILDING SOR. ITEM NO14.22.1/134)					26.97	SQM	55.00	1483.39
	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	12.00	4.00	-	48.00	SQ.M	441.00	21168.00
	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level: Cement Mortar 1:4 (1 cement : 4 coarse sand)	1.00	12.00		2.00	26.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)	1.00	12.00	-	3.00	36.00 36.00	SQ.M	382.00	13752.00
	()					30.00	50.11	302.00	13732.00
	Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
	INNER	1.00	12.00	-	3.00	36.00			
	(BUILDING SOR. ITEM NO11.2/103)					36.00	SQ.M	91.50	3294.00
	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand) OUTER (BUILDING SOR. ITEM NO11.3/103)	1.00	12.00	-	3.00	36.00 36.00	SQ.M	107.00	3852.00
	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door,	1.00	12.00		2.00	24.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62	1.00	12.00	-	3.00	36.00	SO M	64.00	2204.00
	7.5 per raminentalitent no vo, vorvoravas item norivosa				Total	36.00	SQ.M	64.00	2304.00
	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	12.00	_	3.00	36.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67	1.00	12.00		Total	36.00	SQ.M	70.00	2520.00
			•					Total Rs.	303535.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT MANIKPUR WARD NO - 30" NAGAR PALIKA NIGHAM, KORBA (C.G.)

WET WASTE TIPPING SHED AT SWM PLANT (4.00MX3.50M)

			C. G. P.W.D B	. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015					
SN	DESCRIPTION OF ITEM	NO	MEAS L	SURE. B	MEN H/D	QTY	RATE	UNIT	AMOUNT
I	II	Ш	IV	V	VI	VII	VIII	IX	X
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre								
-	(DITH DDIG GOD ETENANO 160/140)	1	4	12		48	57	C	2 = 2 < 00
-	(BUILDING SOR ITEM NO 16.8/146)					48	57	Sqm	2,736.00
-									
1	1.1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead 1.1.1 In all types of soils.								
	F1(1500X1500)	4	1.50	1.50	1.50	13.50			
	total					13.50	185.00	cum	2,497.50
2	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete.								
	Footing								
	F1(1500X1500)	4	1.50	1.50	0.10	0.90			
	total					0.90	371.00	cum	333.90
3	3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form								
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal								
	Footing								
\vdash	F1(1500X1500)	4	1.50	1.50	0.10	0.90			
	total	 	1.50	1.50	0.10		2970.00	cum	2,673.00
						0.20	2770.00	cum	2,075.00
4	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal								

				MEASUREMEN						
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings									
	F1(1500X1500)	2	4	1.30		0.15	1.56			
		2	4		1.30	0.15	1.56			
	Column upto G L									
	C1(300X300)	2	4	0.30		0.65	1.56			
		2	4	0.30		0.65	1.56			
	Column above G L									
	C1(300X300)	2	4	0.30		0.30	0.72			
		2	4	0.30		0.30	0.72			
	total						7.68	139.00	sqm	1,067.52
									_	
5	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal									
	F1(1800X1800)		4	1.30	1.30	0.20	1.35			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		4	1.00	1.50	0.20	0.80			
	*(1.2+0.2)/2))					0.20	0.00			
	Subtotal a						2.15			
	Column upto G L						2.13			
	C1(300X300)		4	0.30	0.30	0.65	0.23			
	Subtotal b		_	0.50	0.50	0.03	0.23			
	Column above G L						0.23			
	C1(300X300)		4	0.30	0.30	0.30	0.11			
	Subtotal c		_	0.50	0.50	0.50	0.11			
	total (a+b+c)						2.49	4163.00	cum	10,382.52
	totai (a+b+c)						2.47	4105.00	Cum	10,302.32
6	3.12 Providing and placing in position									
U	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
	3.12.1 Thermo-Mechanically treated bars									
	FE 415									
				2.15	1.00	79.50	160 02			
	Footing Column					78.50				
	Column			0.34	1.00	78.50	26.85			

				MEA	SURE	MEN				
SN	DESCRIPTION OF ITEM		NO	L	B	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
	total						195.78	54.50	Kg	10,669.96
									J	
7	1.17 Filling from available excavated stuff									
	(Excluding rock) in trenches, plinth, sides									
	of foundation etc. in layers not exceeding									
	20cm in depth consolidating each deposited									
	layer by ramming and watering with a lead									
	upto 50 M.									
	Total qty of excavation - sand						9.21			
	filling+PCC+RCC upto GL						9.21			
	total						9.21	38.15	cum	351.21
8	11.2 Providing and making 12mm thick									
	cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6									
	C1(300X300)	4	4	0.30		0.30	1.44			
	total				1		1.44	91.50	sqm	131.76
<u> </u>										
9	9.3 Steel work in tubular (round,									
	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and frame work including cutting, hoisting,									
	fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	4	4 50	21.30	_	383.40			
	Truss On Shed	1		7.50	21.50		JUJ.70			
	Tie Beam 50mm dia @6.19Kg/meter	1	1	6.00	6.19	_	37.14			
	Rafter 50mm dia @6.19Kg/meter	1	2	3.38			41.84			
	Intermediate members 50mm dia	1	2	4.50			55.71			
	(a)6.19Kg/meter	1		1.50	0.17		55.71			
	Purlins 40mm dia @ 4.37Kg/meter (On	1	4	5.50	4.37	_	96.14			
	Top)	1	ľ	5.50	1.57		70.14			
	Gusset Plate, Fixing Bolt and Base Plate						140.00			
	total						754.23	88.50	Kg	66,749.36
	wai						134.43	00.50	rvg	00,742.30

CNI	DECCRIPTION OF ITEM		NIO	MEAS	SURE	MEN	OTV	DATE	LINIT	AMOUNT
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
10	10.12 Supply and fixing of polymer									
	precoated galvalume profile sheets (PPGL)									
	of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both side									
	of the sheet and colour polyester top coat									
	18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard									
	film of 25 microns minimum to avoid									
	scratches while transportation and should									
	be supplied in single length upto 12 metre									
	or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
-	EPDM seal or with polymer coated J or L									
-	PWD S.O.RP-91/I-10.11		2	2 20	5.50		27.10			
	Roofing total		2	3.38	5.50		37.18 37.18	693.00	com	25,765.74
	totai	-					37.10	093.00	sqm	25,705.74
11	10.16 Providing and fixing precoated									
11	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	5.50			5.50			
	total		_	0.00			5.50	552.00	mtr	3,036.00
		\dashv					2.20	202.00	111(1	2,020.00
12	10.16.6 Gutter. (600 mm over all girth).									
	Gutter		2	5.50			11.00			
	total						11.00	629.00	mtr	6,919.00
										3,2 -2 10 0
13	14.22 Painting on new work (two or more	7								
	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint	\dashv								
	On Steel Structure									
	pole	2	2	18.00			54.00			
	Truss	2		#####			327.00			
	total	_	_			<u> </u>	381.00	47.00	sqm	17,907.00
	Total Table	J					201.00	77.00	sqiii	17,507.00

SN	DESCRIPTION OF ITEM		NO	MEAS	SURE	MEN	OTV	QTY RATE UNIT		AMOUNT
SIN	DESCRIPTION OF ITEM		NO	L	В	H/D	QII	KATE	UNII	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
14	18.76 Providing and fixing on									
	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm)									
\vdash	including required couplers jointing with 18.76.2 110 mm dia pipe.									
-	Rain water Pipe		4	4.50			18.00			
	1		-4	4.50			18.00	267.00	4	4,806.00
-	total						18.00	207.00	mtr	4,800.00
15	52 mm think coment coments flooring with									
15	52 mm thick cement concrete flooring with									
	under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded									
	stone aggregate 20mm nominal size) and									
	top layer of 12 mm thick cement metallic									
	hardener concrete mix 1:2 (1 cement									
	hardener mix: 2 stone aggregate of 6 mm									
	size by volume) with metallic hardening									
	compound of approved quality mixed with									
	cement in ratio of 4:1 (4 cement : 1 metallic									
	floor hardening compound by weight)									
	including finishing etc. complete.									
			11 11 11	4.50	2.00		12.70	60.14	441.00	5052.50
	(BUILDING SOR ITEM NO.12.4/111)		###	4.50	3.00	-	13.50	SQ.M	441.00	5953.50
								464.050.05		
					4 -	1 20/ T		1.01	Total	161,979.96
					Ado	13% F	Hectrical		nbing Work	4,859.40
		SUB TOTAL								166,839.36

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT MANIKPUR WARD NO - 30 " NAGAR PALIKA NIGHAM, KORBA (C.G.)

(Build	ing SOR Iten	ms) W.E.F 01/01/2015								
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	(BUILDING SOR ITEM NO. 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-incharge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
		SLRM SHED SHEET	2	6.2	27	_	335			
							335	SQM	693	232016.40
2	(BUILDING SOR ITEM NO. 10.16/91)	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
		SLRM FLOORING	WOR	K	ı	1				1
8	(BUILDING SOR ITEM NO. 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00	_	324.00			
		Add 10% Extra	1.00	12.00	27.00		32.40			
							356.40	SQ.M	897.00	319690.80
	(BUILDING SOR ITEM NO.12.4/111)	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.	100	45.00	100		45.00			
		Back Side Area	1.00	45.00	1.00	- Total	45.00 45.00	SOM	441.00	10045.00
			<u> </u>	<u> </u>		Total	45.00	SQ.M	441.00	19845.00

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM PAINTING	WOR	K						
		Providing and applying Acrylic washable Distemper or lite								
		economy Plastic emulsion paint having VOC content less								
		than 50gms/ lit Minimum two coats up to final finish applied								
	As per	@ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger								
0	Ammendment	Bison, Opus Style/lite economy emulsion product such as								
9	no 08, 05/05/2025	Asian Tactor Spark Dulux Pomise sheen, Neroloc								
	item no.16.62	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of								
	10.10.02	providing abro tape on edges and article and cleaning of								
		door, windows, floor and surface as required with all tools								
		tackles and labour complete for the work.								
		INSIDE	2	24	-	1.2	57.60			
			1	12	-	1.2	14.40			
			3	12	-	3	108.00			
			6	3	-	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1	7.56			
						Total	207.54	Sqm	64.00	13282.56
		Providing and applying the Control of the Control o								
		Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to								
		give protective and water proof finish minimum three coats								
	As per	applied @ 1.43 lit / 10Sqm up to final finish as per relevant								
	Ammendment	I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi								
10	no 08,	Glossy finish) (Product such as Asian Ace, Dulux Promise								
	05/05/2025	Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon								
	item no.14.67	Shogun Opus, One Style Power Bright) inclusive of								
		providing abro tape on edges and article and cleaning of								
		door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year								
		***	_	2.4						
		OUTSIDE	2	9	-	1.2	57.60			
			1	20	-	1.2	10.80			
		Door Deduct	3	3	-	2.1	18.90			
		Boot Beddet		3		Total	109.50	Sqm	70.00	7665.00
	As per	Providing and applying priming coat on steel work with red				Total	107.50	Sqiii	70.00	7003.00
	-	Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per								
11	no 08,	relevant code 3536:1999 (product such as Asian Zinc								
	05/05/2025	phosphate, Dulux Steel primer, Burger Red oxide primer)								
	item no.14.74	with all tools tackles and labour etc. complete for the work								
		Premium synthetic enamel paint								
		On Steel	_	10.0	2 0 0		76.00			
		SLRM Pole & Fence	2	19.0	2.00		76.00			
		5	1	12.0	2.00		24.00			
		Door	1	3.0	2.10		6.30 4.20			
			1	2.0	Total		110.50	+		
		Add 20% Extra			Total		22.10			
		Tida 2070 Data		Sub '	Total		132.60	Sqm	35.00	4641
				240			102.00	~q.111	22.00	1011
		Providing and applying Aluminium paint mimimum 2 coats			<u> </u>					
	As per	in all metal surface applying @ 0.75 li/ 10 Sqm up to								
12	Ammendment no 08,	required finish as per relevent I.S. code 2932: 2013 of					132.60	cam	43.00	5701.80
12	05/05/2025	(Product such as Asian Apcolite aluminium paint, Dulux					132.00	sqm	₹3.00	3/01.00
	item no.14.76	Aliminium paint, Burger Superior Aluminium Paint) with all								
		tools tackle and labour etc. complete for the work								

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		DEMOLISH W	ORK							
	SOR ITEM NO.	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.								
		Wash Area	1.00	10.00	0.20	0.90	1.80			
							1.80	SQ.M	263.00	473.40
									TOTAL	652185.96

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE ATMANIKPUR WARD NO - 30" NAGAR PALIKA NIGHAM, KORBA (C.G.)

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
1	Excavation for all types and sizes of foundations, trenches and drains or							(in Rs.)	(in Rs.)
-	for any other purpose including disposal of excavated stuff upto 1.5 m								
	lift and lead upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.								
	In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with								
	crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm								
	nominal size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
		2		0.20	0.20	0.08			
	Top Slab-	1	1.40		0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work								
	including straightening, cutting, bending, binding etc. complete as per								
	drawings including cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415								
	COD AMENANO A 44 4 A A	Qty. a	s per ite		3.2.1	0.39	T.C	54.50	10/2 ==
	(SOR ITEM NO3.12.1/24)		<u>50 kg</u>	/cum	1	19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse	-	1.00	0.20	1.10	1.01	00111	0200.00	1000117
	sand, in recharge pit, in the required layers and thickness, for all leads &								
	lifts, all complete as per direction of Engineer-in-charge. (excavation of								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	1	1.00	1.00	0.30	0.30	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)								
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains or								
	for any other purpose including disposal of excavated stuff upto 1.5 m								
	lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	922 50
		1	30.0	0.30	0.30	4.50	CUM	105.00	832.50
	(BUILDING SOR ITEM NO1.1/9)								
7	Filling from available excavated stuff (Excluding rock) in trenches,								
	plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead								
	upto 50M. And lift upto 1.5M.								
	50% of Item No 1	_		_	_	2.25	CUM	<i>(E</i> 00	146.05
	(BUILDING SOR ITEM NO1.17/11)	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SUK ITEM NU1.1//11)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE ATMANIKPUR WARD NO - 30 "NAGAR PALIKA NIGHAM, KORBA (C.G.)

SANITARY REPAIRING

	<u> </u>								
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
2	(BUILDING SOR ITEM NO18.4/161) 18.1 Providing and fixing water closet squatting pan (Indian type								
2	W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.00
	(BUILDING SOR ITEM NO18.1/160)								,
3	Providing and fixing 10 litre capacity P.V.C. low level flushing								
	cistern conforming to IS: 7231, with all fittings and fixtures								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)								
4	Providing and fixing vitreous china wash basin with C.I. brackets,								
	32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	_	_	_	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)	1				1.00	EACH	1074.00	1,074.00
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5	-	-	_	5.00	EACH	154.00	770.00
	Vent covel					2.00			
	18.77.3.1 75 mm	4	_	_	_	4.00	EACH	34.00	136.00
	18.77.3.2 110 mm		-	-		4.00	EACH	44.00	176.00
	Access door cap		-	-	-	4.00	2.1011	77.00	170.00
	18.77.4.1 75 mm						EACH	49.50	495.00
			-	-	-	10.00			
	18.77.4.2 110 mm	10	-	-	-	10.00	EACH	59.00	590.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
	18.77.6 Nahani Trap 110	10				_	EACH	(in Rs.) 90.50	(in Rs.) 905.00
	(BUILDING SOR ITEM NO18.77/170)	10	-	-	-	10.00	EACH	70.50	703.00
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of								
'	approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm								
	hard wood plugs, screwed with M.S. screwes of required length								
	including cutting brick work and fixing in cement mortar 1:4								
	(1cement :4 coarse sand) and making good the wall etc. complete.								
	18.78.1 75 mm	10	-	-	-	10.00	EACH	57.00	570.00
	18.78.2 110 mm	10	-	-	-	10.00	EACH	61.00	610.00
	(BUILDING SOR ITEM NO18.78/171)								
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC)								
	pipes , having thermal stability for hot & cold water supply								
	including all CPVC plain & brass threaded fittings i/c fixing the								
	pipe with clamps at 1.00 m spacing. This includes jointing of pipes								
	& fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints								
	complete as per direction of Engineer in Charge.CONCEALED								
	WORK including cutting chases and making good the walls etc.,								
	Works morating enting entires and making good the wans etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	_	_	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	_	-	5.00	MTR	167.00	835.00
	(BUILDING SOR ITEM NO19.5/176)	-	2.00				.,,,,,,	107.00	000.00
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,								
	having thermal stability for hot & cold water supply including all								
	CPVC plain & brass threaded fittings i/c fixing the pipe with								
	clamps at 1.00 m spacing. This includes jointing of pipes & fittings								
	with one step CPVC solvent cement and testing of joints complete								
	as per direction of Engineer in Charge.INTERNAL WORK -								
	EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	_	_	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	1								,
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	362.00	1,810.00
	(BUILDING SOR ITEM NO19.5/176)								,
10	Providing and fixing on wall surface G.I. pipes medium class								
	complete with G.I. fittings and clamps, including cutting, making								
	good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	_	_	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)	1	5.00		+-	3.00	MIIK	7/1.00	2,333.00
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of								
	approved make and conforming to IS:8931 including C.P. brass								
	extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	-	-	2.00		382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00		494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate	2	-	-	-	2.00	EACH	163.00	326.00
<u> </u>	(BUILDING SOR ITEM NO19.14/179)		<u> </u>						

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
	Providing and fixing flexible P.V.C. waste pipe for sink or wash							(in Rs.)	(in Rs.)
12	basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia								
	(BUILDING SOR ITEM NO18.25.2/164)	4	_	-	-	4.00	EACH	88.50	354.00
13	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.								
	(BUILDING SOR ITEM NO18.29/164)	2	-	-	-	2.00	EACH	599.00	1,198.00
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:								
	18.30.1 5mm thick mirror								
	(BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								
	19.10.4 50 mm nominal bore	5	-	-	-	5.00	EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO19.10/178)								
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO19.16/179)								
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	-	-	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)								
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	20.28.1 Histae difficultisions 433x010 film and 43 cm deep for single	1	-	-	-	1.00	EACH	3796.00	3,796.00
	(BUILDING SOR ITEM NO20.28/194)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
								Total Rs.	47,635.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT MANIKPUR WARD NO - 30" NAGAR PALIKA NIGHAM, KORBA (C.G.)

ELECTRIFICATION WORKS

As Per CG Electrical SOR 2020

S.No.	Item No.	Particulars	Quantity	Unit	Rate	Amount
5.110.	Hem No.	Wiring for light/ fan/ exhaust fan / call bell point	Quantity	UIII	Kate	Amount
		with 3x1.5 sqmm FRLS PVC insulated stranded				
		copper conductor wire for phase, neutral and earth				
		in concealed FRLS PVC conduit (heavy duty,				
1	1.7	thickness of pipe should be 2 mm) with 5/6 amp				
		modular switch,				
		modular base and cover plate, suitable size				
		G.I. box as per specification and IS: 694 (2010),				
	1.7.1	Short Point	8.00	Point	266.00	2128.00
	1.7.2	Medium Point	27.00	Point	424.00	11448.00
	1.7.3	Long Point	8.00	Point	588.00	4704.00
		Extra for providing and fixing light plug point on				
		board in concealed FRLS PVC conduit (heavy				
		duty, thickness of pipe should be 2 mm) point				
2	1.9	wiring with modular type 3 pin 5/6 amp socket	6.00	Point	216.00	1296.00
_	1.9	outlet and 5/6 amp switch including cost of base	0.00	1 01110	210.00	1270.00
		and cover plate and G. I. box etc. as per				
		specification and IS: 694				
		Wiring for circuit/ sub main wiring along with earth				
		wire with the following sizes of FRLS PVC insulated copper				
		conductor, wire in				
3	1.13	concealed FRLS PVC conduit (heavy duty,				
3	1.13	thickness of pipe				
		should be 2 mm) as per specification and IS: 694				
		(2010), IS: 9537				
		(2000 Part 5)				
	1.13.1	3 X 1.5 sq. mm in 20mm conduit	27.00	Metre	92.00	2484.00
	1.13.8	3 X 10 sq. mm in 25mm conduit	10.00	Metre	270.00	2700.00
		Supplying and fixing of following sizes FRLS PVC				
		conduit (heavy				
		duty, thickness of pipe should be 2 mm) along with				
4	1.15	accessories in				
	1.15	concealed complete as per specification and IS:				
		9537 (2000 Part				
		5)				
	1.15.1	20 mm	80.00	Metre	42.00	3360.00

S.No.	Item No.	Particulars	Quantity	Unit	Rate	Amount
5	5.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification.				
	5.1.12	Fan regulator	10.00	Each	130.00	1300.00
6	5.11	Providing and fixing fan clamp made of 3mm thick MS flat on existing iron trusses/ girder including necessary bolts and nuts etc. as per specification.				
			10.00	Each	40.00	400.00
7	6.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 1 star and above, IS: 374:2019 including all amendments.				
	6.1.1	600 mm sweep	10.00	Each	1477.00	14770.00
8	6.19.3	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.				
	6.15.3	18/20 watt {4 feet}	10.00	Each	443.00	4430.00
					Total	49020.00
					1 Utal	47040.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT AYODHYAPURI WARD NO - 46" NAGAR PALIKA NIGAM, KORBA (C.G.)

" PROPOSED SHED FOR STORAGE (15.00 X 10.00 M.) "

		TROTOSED SHED FOR STORAGE (13.00 A 10.00 M.)				RATE AMOUNT				
S.No.	PARTICULAR	N	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								(11113.)	(III RS.)
	1.1.1) In all types of soil									
	F1-		10	1.80	1.80	1.50	48.60			
	(BUILDING SOR ITEM NO1.1.1/9)						48.60	CUM	185.00	8991.00
2	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Sand Filling F1-		10	1.80	1.80	0.10	3.24			
	(BUILDING SOR. ITEM NO1.18/11)						3.24	CUM	371.00	1202.00
3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10									
	F1-		10	1.80	1.80	0.10	3.24			
	(BUILDING SOR. ITEM NO 3.1.3/23)						3.24	CUM	2970.00	9622.80
4	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone Footing-									
	F1-		10	1.50	1.50	0.30	6.75			
	Colunm upto Ground level-									
	C1-		10	0.45	0.30	1.00	1.35			
	Colunm Above Ground level-									
	C1-		10	0.45	0.30	1.20	1.62			
	(BUILDING SOR ITEM NO 3.2/23)						9.72	CUM	4163.00	40464.00
5	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. (BUILDING SOR ITEM NO 1.17)						29.16	CUM	65.00	1895.40
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415									

S.No.	PARTICULAR	N	O.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
			Quar	itity as p	er item	1 3.3	9.72			
	(BUILDING SOR. ITEM NO3.12.1/24)			80kg/c	<u>cum</u>		777.60	KG	54.50	42379.00
7	Providing and fixing formwork including centering,									
	shuttering, strutting, staging, propping bracing etc.									
	complete and including its removal at all levels, for:									
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall									
	below plinth level.									
	•									
	Footing- F1-		10	6.00		0.30	18.00			
			10	6.00	-	0.30	18.00			
	Colunm upto Ground level- C1-		10	1.50	_	1.00	15.00			
	Colunm Above Ground level-		10	1.30	+-	1.00	13.00			
	C1-		10	1.50		1.20	18.00			
	C1-		10	1.50		1.20	16.00			
	(BUILDING SOR ITEM NO 2.1.1/16)						51.00	SQ.M	139.00	7089.00
	(BUILDING SOR ITEM NO 2.1.1/10)						31.00	SQ.M	139.00	7009.00
8	Brick work with modular fly-ash lime bricks (FALG									
O	Bricks) confirming to IS:12894-2002 of class designation									
	4.0 in foundation and plinth in:									
	Cement Mortar 1:6 (1 cement : 6 coarse sand)									
	Long wall	2	4	3.77	0.20	3.50	21.08			
	Short wall	1	2	9.55	0.20	3.50	13.37			
	For Traingular Area $(1/2xbxh)(1/2x5x1.2 = 3.00 \text{ sqm})$	2	2	3.00	sqm	0.20	2.40			
	Deduction									
	W	1	4	1.20	0.20	1.20	-1.15			
	Rolling Shutter	1	1	3.77	0.20	2.10	-1.58			
	(BUILDING SOR ITEM NO 7.5.4)						34.12	Cum	3263.00	111328.99
9	11.2 Providing and making 12mm thick cement plaster of									
	mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)									
	Long wall	2	4	3.77		3.50	105.42			
	Short wall	1	2	9.55		3.50	66.85			
	For Traingular Area $(1/2xbxh)(1/2x5x1.2 = 3.00 \text{ sqm})$	2	2	3.00			12.00			
	Deduction				<u> </u>					
	W	1	4	1.20	<u> </u>	1.20	-5.76			
	Rolling Shutter	1	1	3.77		2.10	-7.92	_	01	4
	(BUILDING SOR ITEM NO 11.2.4)				ļ		170.59	Sqm	91.50	15609.26
4.0	n 11 1 12 16 11 1 1 1				-					
10	Providing and making 15mm thick cement plaster on the									
	rough side of single or half brick wall 11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)				}					
	C1-		10	1.50		1.20	18.00			
	Long wall	2	4	3.77		3.70	111.44			
	Short wall	1	2	9.55		3.70	70.67			
	For Traingular Area (1/2xbxh)(1/2x5x1.2 = 3.00 sqm)	2	2	3.00		5.70	12.00			
	1 01 11411154141 1104 (1/4AUAII)(1/4AJA1.4 ⁻ J.UU 34111)	4		2.00			14.00		i e	

S.No.	PARTICULAR	N	IO.	L	В	H/D	QTY.	IINIT	RATE	AMOUNT
5.110.			ı		В			OMII	(in Rs.)	(in Rs.)
	W	1	4	1.20		1.20	-5.76			
	Rolling Shutter	1	1	3.77		2.10	-7.92	~	445 **	
	(BUILDING SOR ITEM NO 11.3)						198.44	Sqm	113.00	22423.38
11	Supplying and fixing rolling shutter of approved makes									
	made of M.S. laths interlocked together through their entire length and jointed together at the end by end locks,									
	mounted on specially designed pipe shaft with brackets,									
	side guides and arrangements for inside and out side									
	locking with push and pull arrangement complete but									
	excluding the cost of top cover and spring.									
	Rolling Shutter	1	1	3.77		2.10	7.92	Sqm	1691.00	13387.65
	(BUILDING SOR ITEM NO 9.27.1)									
	,									
12	Providing and fixing 27.5cm long wire spring for rolling									
	shutters.									
	(BUILDING SOR ITEM NO 9.28)						2.00	each	362.00	724.00
13	Providing and fixing M.S. sheet top cover for rolling									
	(BUILDING SOR ITEM NO 9.29)	1	1	3.77			3.77	Sqm	540.00	2035.80
14	Providing and fixing ball bearing for rolling shutters									
	(BUILDING SOR ITEM NO 9.30)						2.00	each	423.00	846.00
15	9.15 Providing and fixing M.S. grill of approved pattern									
	made of M.S. flats or square or round bars welded to steel									
	frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete									
	including applying a priming of red oxide zinc chromate									
	W	1	4	1.20		1.20	5.76			
	For Qty of steel= Areax25.0 kg/Sqm	5.76	X	25.00		1.20	144.00	kg	67.50	9720.00
	(BUILDING SOR ITEM NO 9.15)	3.70	Λ	23.00			144.00	ĸg	07.30	9720.00
	(BUILDING SOR ITEM NO 7.13)									
16	9.51 Providing and fixing glazing in aluminium door,									
10	window, ventilator shutters and partitions etc. with PVC/									
	neoprene gasket etc. complete. (Cost of aluminium snap									
	beading shall be paid in basic item):									
	With float glass panes of 5 mm thickness						5.76	Sqm	708.00	4078.08
	(BUILDING SOR ITEM NO 9.51)							_		
17	9.3 Steel work in tubular (round, square or rectangular									
	hollow tubes etc.) structure in built-up sections, trusses and									
	frame work including cutting, hoisting, fixing in position									
	upto a height of 5m above plinth level, consisting of									
	columns trusses, roof and bottom purlins, base plate,									
	holding down bolts, wind ties bracing (if required), bolts, nuts and washers for									
	fastening etc. complete with applying a priming coat of red									
	oxide zinc chromate primer.									
	9.3.2 Electric resistance or induction butt welded tubes									
-	Purlin Tie beam NB 50mm	1.00	16.00	15.00	(a)	5.44	1305.60			
	Dia	1.00	10.00	15.00	l w	J. 44	1505.00			
	principal rafter NB 65, 5.16 mm thick	5.00	2.00	5.60	(a)	8.63	483.28			
	bottom chord	5.00	1.00	11.20	(a)	8.63	483.28			
	Post NB 65	5.00	2.00	1.20	(a)	8.63	103.56			
<u></u>	L NOT THE LIST	3.00	∠.∪∪	1.20	ω	0.03	103.30			

S.No.	PARTICULAR	N	O.	L	В	H/D	QTY.	IINIT	RATE	AMOUNT
5.110.								UNII	(in Rs.)	(in Rs.)
	Post NB 50 ,3.91 thick	5.00	2.00	0.85	@	5.44	46.24			
	Post NB 50 Post NB 50	5.00	2.00	0.60	<u>@</u>	5.44 5.44	32.64 19.04			
	Post NB 50	5.00	2.00	0.33	(a) (a)	5.44	19.04			
	webs 50mm dia	5.00	2.00	1.45	(a)	5.44	78.88			
	webs Johnin dia	5.00	2.00	1.35	(a)	5.44	73.44			
		5.00	2.00	1.25	(a)	5.44	68.00			
		5.00	2.00	0.75	(a)	5.44	40.80			
	Wind tie 32x5mm		2.00	15.00	(a),	1.30	195.00			
							2940.64			
	(Extra for gusset, , washer bolting connection etc)	10%				LS	294.06			
							3234.70	KG	93.50	302444.82
18	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.									
	Top Roof	1	2	15.00	5.60	-	168.00			
	(BUILDING SOR ITEM NO 10.12/91)						168.00	SQM	693.00	116424.00
	,									
19	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:									
	10.16.1 Ridges plain (500-600mm)	1	1	15.00			15.00	Mtr	552.00	8280.00
	(BUILDING SOR ITEM NO 10.16)									
20	Providing and fixing 15 cm. wide 45cm. overall semi circular plain G.I. sheet gutter with iron brackets 40x3 mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipe complete as per designs. 0.63 mm thick sheet		2	15.20			30.40	Mtr	629.00	19121.60
	(BUILDING SOR ITEM NO 10.16.6)									

S.No.	. PARTICULAR		NO.		В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
21	Applying one coat of cement primer on wall surface (applied @ 0.80								(III 185.)	(m Ks.)
	litrs/10 sqm) complete.						150.50			
							170.59			
	(BUILDING COD LEEM NO. 1413)			-			198.44	C	20.00	14022 14
	(BUILDING SOR ITEM NO 14.12)						369.03	Sqm	38.00	14023.14
22	Distempering with acrylic washable distemper to give an									
	even shade.									
	On new work (Two or more coats)						170.59	Sqm	38.00	6482.53
	(BUILDING SOR ITEM NO 14.9.1)						170.57	Sqiii	30.00	0102.33
	(BUILDING SORTIEM NO 14.7.1)									
23	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:									
	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)									
	(BUILDING SOR ITEM NO 14.15.1)						198.44	Sqm	56.00	11112.47
	14.22 Painting on new work (two or more coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	Purlin Tie beam NB 50mm	1.00	16.00	15.00	<u>@</u>	0.16	38.40			
	Dia									
	principal rafter NB 65, 5.16 mm thick	5.00	2.00	5.60	<u>@</u>	0.20	11.20			
	bottom chord	5.00	1.00	11.20	<u>@</u>	0.20	11.20			
	Post NB 65	5.00	2.00	1.20	<u>@</u>	0.20	2.40			
	Post NB 50 ,3.91 thick	5.00	2.00	0.85	<u>@</u>	0.16	1.36			
	Post NB 50	5.00	2.00	0.60	<u>@</u>	0.16	0.96			
	Post NB 50	5.00	2.00	0.35	<u>@</u>	0.16	0.56			
	Post NB 50	5.00	2.00	0.20	@	0.16	0.32			
	webs 50mm dia	5.00	2.00	1.45	<u>@</u>	0.16	2.32			
		5.00	2.00	1.35	<u>@</u>	0.16	2.16			
		5.00	2.00	1.25	@	0.16	2.00			
	Windkingo 5	5.00	2.00	0.75	@	0.16	1.20			
	Wind tie 32x5mm	5.00	2.00	15.00	@	0.32	48.00			
	10% Extra For Miscellenious	10%		-		LS	122.08 12.21			
	For window	10%		-		LS	5.76			
	For Shutter			-			7.92			
	FOI SHUUCI			-	-		147.97	47.00	sqm	6954.36
							17/.7/	77.00	sqiii	0754.50
25	14.22.3 Aluminium paint			-			147.97	58.50	sqm	8655.95
	Manimum punit			 			111.71	20.20	Sqiii	3033.73
				1		1				

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT AYODHYAPURI WARD NO - 46 " NAGAR PALIKA NIGAM, KORBA (C.G.)

" EXTERNAL	C.C.	FLO	ORING "	
	-		OILLIO	

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
1	Surface dressing of the ground including removing vegetation and making								
	up undulations and in-equalities not exceeding 15 cms in depth/height								
	including disposal of rubbiesh upto 1.5 m lift and lead upto 50 m (at least								
	5m away from the dressed area).								
	(BUILDING SOR ITEM NO1.2/9)	1	18.00	35.00	-	630.00	SQ.M	7.20	4536.00
2	52 mm thick cement concrete flooring with under layer of 40mm thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate								
	20mm nominal size) and top layer of 12 mm thick cement metallic hardener								
	concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size								
	by volume) with metallic hardening compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic								
	floor hardening compound by weight) including finishing etc.								
	complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	18.00	35.00	-	630.00			
					Total	630.00	SQ.M	441.00	277830.00
								Total Rs.	282366.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT AYODHYAPURI WARD NO - 46" NAGAR PALIKA NIGAM, KORBA (C.G.)

" C.C. ROAD 4.00 M WIDE "

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
J.140.	TARTICOLAR	140.			11/0	QII.	OIVII	(in Rs.)	(in Rs.)
1	Excavation in Soil (by Mechanical Means.)								
	Excavation for roadway in soil using mechanical means including								
	loading in tipper for carrying of cut earth to embankment site								
	and unloading with all lifts and lead upto 1000 meters as per								
	relevant clauses of section 300.								
		1	50.00	4.00	0.40	80.00			
	(PWD ROAD SOR NO. 3.2/11)					80.00	CUM	103.00	8240.0
2	Granular Sub-base as per Table :- 400-1								
	Construction of granular sub base by providing close graded								
	material carriage of mixed material to work site, spreading in								
	uniform layers with motor grader on prepared surface watering								
	rolling and compacting with vibratory power roller at OMC to								
	achive the disired density complete as per clause401								
	A Plant mix method (with Mechanically crushed stone only)								
	(ii) Grading-IV Material								
	(PWD ROAD ITEM NO4.1(A)ii/17)	1	50.00	4.00	0.20	40.00	CUM	1586.00	63440.0
3	Dry Lean Cement Concrete Sub- base (Construction of dry lean								
	cement concrete Sub- base over a prepared sub-grade with								
	coarse and fine aggregate conforming to IS: 383, the size of								
	coarse aggregate not exceeding 25 mm, aggregate cement								
	ratio not to exceed 15:1, aggregate gradation after blending to								
	be as per table 600-1, cement content not to be less than 150								
	kg/CUM, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10								
	Mpa at 7 days, mixed in a batching plant, transported to site,								
	laid with a paver with electronic sensor, compacting with 8-10								
	tonnes vibratory roller, finishing and curing.)								
	comes visitation, roller, imissing data coming.								
		1	50.00	4.00	0.10	20.00			
	(PWD ROAD SOR NO6.3/32)					20.00	CUM	3449.00	68980.00
4	Providing and laying Un-reinforcement Concrete without Dowel								
	bar including formwork, and expansion contraction & longitudinal								
	joint as per design and as per IRC-62-2014 over a prepared								
	base a per approved mix design and finishing to line and grade								
	as per drawing for pavement thickness less then 200mm in Low								
	Volume Road								
	P.C.C. Grade M-30 with minimum Cement Content @375kg/cum								
		1	50.00	4.00	0.20	40.00	41	4-40-00	
	(PWD ROAD SOR NO6.4/33)					40.00	CUM	4748.00	189920.00
								Total Rs.	330580.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT AYODHYAPURI WARD NO - 46" NAGAR PALIKA NIGAM, KORBA (C.G.)

DETAILED ESTIMATE FOR CONSTRUCTION OF WET WASTE TIPPING SHED (5.00MX6.00M)

				Ba	sed on C.	G. P.W.	D BUILDING	S.O.R. IN I	FORCE F	ROM 1 JAN 2015
SN	DESCRIPTION OF ITEM		NO		SUREMI		QTY	RATE	UNIT	AMOUNT
T			III	L IV	B V	H/D VI	VII			
	II		111	IV	V	VI	VII	VIII	IX	X
1	1.1 Excavation for all types and sizes of									
	foundations, trenches and drains or for any other									
	purpose including disposal of excavated stuff									
	upto 1.5 m lift and lead upto 50m (at least 5m									
	away from the excavated area), including									
	dressing and level									
	1.1.1 In all types of soils.									
	F1(1500X1500)		8	1.50	1.50	1.50	27.00			
	total						27.00	185.00	cum	4,995.00
2	1.18 Providing and filling in plinth with sand/									
	Crusher dust and hard moorum under floor in									
	layers not exceeding 20cm in depth									
	consolidating each deposited layer by ramming									
	and watering, including dressing etc complete.									
	and watering, including dressing etc complete.									
	F. 4		Н							
-	Footing			1.70	1.70	0.10	1.00			
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total	1					1.80	371.00	cum	667.80
3	3.1 Providing and laying nominal mix plain									
	cement concrete with crushed stone aggregate									
	using concrete mixer in all works upto plinth									
	level excluding cost of form work.									
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6									
	graded stone aggregate 40mm nominal size).									
	Footing		H							
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total		U	1.50	1.50	5.10		2970.00	cum	5,346.00
	wai	<u> </u>					1.00	4710.00	cum	3,340.00
4	7.5 Brick work with modular fly-ash lime bricks		\vdash							
"	(FaLG Bricks) confirming to IS:12894-2002 of									
	class designation 4.0 in foundation and plinth in:									
	ciass designation 4.0 in foundation and plinth in:									
\vdash	7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse		Н							
	Below Plinth Level		\vdash							
	L Wall		4	2.14	0.30	0.30	0.77			
	X Wall		4	2.64			0.95			
			1	4.58			0.41			
	total				,.50	,.50		3263.00	cum	6,959.98
							2.10	2200.00	Culli	5,757.70
		<u> </u>								

SN	DESCRIPTION OF ITEM		NO	MEAS	SUREMI	ENT	QTY	RATE	UNIT	AMOUNT
SIN				L	В	H/D				
1	II		Ш	IV	V	VI	VII	VIII	IX	X
<u> </u>			$\vdash\vdash$							
<u> </u>			\vdash							
5	2.1 Providing and fixing form work including									
	centring, shuttering, strutting, staging, propping									1
	bracing etc. complete and including its removal									
	2.1.1 Foundations, footings, bases of columns									
	plinth beam, curtain wall in any shape and size									
	and all type of wall below plinth level.									
	Footings									
	F1(1500X1500)	2	8	1.30		0.15	3.12			
		2	8		1.30	0.15	3.12			
	Column upto G L									
	C1(300X300)	2	8	0.30		0.65	3.12			
	,	2	8	0.30		0.65	3.12			
	Column above G L									
	C1(300X300)	2	8	0.30		0.30	1.44			
	- ()	2	8	0.30		0.30	1.44			,
	Plinth Beam		H	0.50		0.50	1.11			1
	L Wall	2	4	2.14		0.30	5.14			1
	X Wall	2	4	2.64		0.30	6.34			
	A wan	2	1	4.58		0.30	2.75			
	total		1	4.50		0.50	29.58	139.00	sqm	4,111.62
	totai		П				27.30	137.00	Sqiii	4,111.02
6	3.2 Providing and laying nominal mix reinforced									
U	cement concrete with crushed stone aggregate									
	using concrete mixer in all works up to plinth									
	level excluding cost of form work									
	level excluding cost of form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3		$\vdash\vdash$							
	graded stone aggregate 20mm nominal size).		0	1.20	1.20	0.20	2.70			
	F1(1500X1500)		8	1.30	1.30		2.70			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.2		8			0.20	1.60			
	+0.2)/2))		$\mid \downarrow \mid$							i
	Subtotal a		\square				4.30			;
	Column upto G L									;
	C1(300X300)		8	0.30	0.30	0.65	0.47			r
	Subtotal b		Щ				0.47			·
	Column above G L		Ш							,
	C1(300X300)		8	0.30	0.30	0.30	0.22			,
	Subtotal c						0.22			
	Plinth Beam									,
	L Wall		4	2.14	0.30	0.30	0.77			1
	L wan		∟.ו							
	X Wall		4	2.64			0.95			

SN	DESCRIPTION OF ITEM		NO -		UREM		QTY	RATE	UNIT	AMOUNT
I	II		III	L IV	B V	H/D VI	VII	VIII	IX	X
1	Subtotal d		111	1 V	V	VI	2.13	VIII	IX	Λ
	total (a+b+c)							4163.00	cum	29,644.72
	total (a · b · c)						7,12	4105.00	Cum	27,014.72
7	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	211 2 11 111 3 1110 11 20 1111111111111111111111111111111111									
	Footing			4.30		78.50	337.86			
	Column			0.68		78.50	53.69			
	Plinth Beam			2.13	1.00	78.50	167.44			
	total						559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff									
	(Excluding rock) in trenches, plinth, sides of									
	foundation etc. in layers not exceeding 20cm in									
	depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.									
	ranning and watering with a lead upto 30 M.									
	Total qty of excavation - sand filling+PCC+RCC									
	upto GL						16.28			
	total						16.28	38.15	cum	621.04
			_							
_	11.2 D . II. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
9	11.2 Providing and making 12mm thick cement									
	plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine C1(300X300)	4	8	0.30		0.30	2.88			
	total		U	0.50		0.50	2.88	91.50	sqm	263.52
							2.00	71.50	34III	203.32
10	11.3 Providing and making 15mm thick cement									
-	plaster on the rough side of single or half brick									
	11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine									
	sand)									
	External Wall	1	2	5.00		0.60	6.00			
		1	2	6.00		0.60	7.20			
	total						13.20	113.00	sqm	1,491.60

SN	DECODIDATION OF ITEM		NO	MEAS	SUREME	ENT	OTV	DATE	UNIT	AMOUNT
	DESCRIPTION OF ITEM		NO -	L	В	H/D	QTY	RATE		
I	II		Ш	IV	V	VI	VII	VIII	IX	X
111	14.9 Distempering with acrylic washable									
	distemper to give an even shade.									
	14.9.1 On new work (Two or more coats)									
	Area of Internal Wall						2 00			
	Area of Plaster						2.88	•••		100.11
	total						2.88	38.00	sqm	109.44
12	14.14 Finishing walls with water proofing cement paint of required shade to give an even 14.14.1 On new work (Two or more coats applied @ 3.84 kg/10 sqm) External Wall									
	Area of External Plaster						13.20			
	total						13.20	41.00	sqm	541.20
13	rectangular hollow tubes etc.) structure in built- up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if 9.3.1 Electric resistance or induction butt welded tubes Grade-250 PWD S.O.RP-80/I-9.3.1 150Dia Pole @21.30kg/meter Truss On Shed Tie Beam 50mm dia @6.19Kg/meter Rafter 50mm dia @6.19Kg/meter Intermediate members 50mm dia @6.19Kg/meter Purlins 40mm dia @ 4.37Kg/meter (On Top) Gusset Plate, Fixing Bolt and Base Plate Etc	1 4 4 4 2 2	8 1 2 2 2	4.50 7.00 4.35 4.60 8.00	6.19		766.80 173.32 215.41 227.79 139.84 180.00	00.50	V	150 520 ((
	total						1703.16	88.50	Kg	150,729.66

SN	DESCRIPTION OF ITEM		NO		SUREMI		QTY	RATE	UNIT	AMOUNT
I	II		III	L IV	B V	H/D VI	VII	VIII	IX	X
	10.12 Supply and fixing of polymer				•					
	precoated galvalume profile sheets (PPGL) of									
	approved size, shape and pitch of corrugation,									
	total coated thickness (TCT) 0.60 mm +/- 5%,									
	epoxy primer on both side of the sheet and									
	colour polyester top coat 18-20 microns and 6-									
	7 microns on bottom. Sheet should have									
	protective guard film of 25 microns minimum to									
	avoid scratches while transportation and should									
	be supplied in single length upto 12 metre or as									
	desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws									
	of size (5.5x 55mm) with EPDM seal or with									
	polymer coated J or L hooks, bolts and nuts 8mm									
	diameter with bitumen and G.I. limpet washers									
	PWD S.O.RP-91/I-10.11									
	Roofing		2	3.82	8.00		61.12			
	total						61.12	693.00	sqm	42,356.16
15	10.16 Providing and fixing precoated galvanised									
	steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness (TCT),									
	Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both									
	side of the sheet and polyester top coat 15-18									
	microns using self drilling/ self tapping screws									
	or with polymer coated J or L hooks, bolts and									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	8.00			8.00			
	total						8.00	552.00	mtr	4,416.00
1,	10.16 (C-44 (C0011 -i-4b)									
10	10.16.6 Gutter. (600 mm over all girth). Gutter		2	8.00			16.00			
	total			8.00			16.00	629.00	mtr	10,064.00
	totai						10.00	029.00	mtr	10,004.00
17	14.22 Painting on new work (two or more coats)									
	to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	36.00			108.00			
	Truss	2	2	157.68			473.04			
	total						581.04	47.00	sqm	27,308.88
	10.7									
18	18.76 Providing and fixing on wall									
	face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single socketed)									
	having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers,									
	iointing with seal ring conforming to IS: 5387									
	18.76.2 110 mm dia pipe.									
-	·	. '		'			'		. '	•

SN	DESCRIPTION OF ITEM	NO	MEAS	SUREMI	ENT	QTY	RATE	UNIT	AMOUNT
511	DESCRIPTION OF ITEM	NO	L	В	H/D	QTT	KATE	UNII	AMOUNT
I	II	Ш	IV	V	VI	VII	VIII	IX	X
	Rain water Pipe	4	4.50			18.00			
	total					18.00	267.00	mtr	4,806.00
19	12.4 52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4								
	(1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic	1	5.00	6.00		30.00			
	total					30.00	441.00	sqm	13,230.00
								Total	338,128.04
			Add	3% E	lectric	al and Pl	umbing V	Work	10,143.84
							SUB TO	DTAL	348,271.89

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT AYODHYAPURI WARD NO - 46" NAGAR PALIKA NIGAM, KORBA (C.G.)

"BOUNDARY WALL WITH CHAIN LINKED FENCING - 120.00 M"

S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
					,_	()	0	(in Rs.)	(in Rs.)
1	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of								
	excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m								
	away from the excavated area), including dressing and								
	leveling of pits.								
	(SOR ITEM NO1.1.1/9)								
	1.1.1) In all types of soil								
	F1	20	1.20	1.20	1.50	43.20			
	1.1	20	1.20	1.20	1.50		CHM	185.00	7002.00
			\vdash	<u> </u>	\vdash	43.20	CUM	185.00	7992.00
_				<u> </u>					
2	Providing and filling in plinth with sand /crusher dust and					<u> </u>			
	hard moorum under floor in layers not exceeding 20 cm in								
	depth and consolidating each deposited layer by ramming and								
	watering, including dressing etc. complete.								
	F1	20	1.20	1.20	0.10	2.88			
	(BUILDING SOR. ITEM NO1.18/11)	20	1.20	1.20	0.10	2.88	CUM	371.00	1068.00
	(BUILDING SOR, ITEM NO1.10/11)			<u> </u>		2.00	CUM	3/1.00	1000.00
				<u> </u>				\vdash	
				<u> </u>					
2	Providing and laying nominal mix cement concrete with								
	crushed stone aggregate using concrete mixer in foundation,								
	plinth and at ground level excluding cost of form work.								
	(SOR. ITEM NO 3.1.3/23)								
			\vdash	 	\vdash			\vdash	
	3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone							\longmapsto	
	aggregate 40mm nominal size).								
		20	1.20	1.20	0.10	2.88			
						2.88	CUM	2970.00	8554.00
3	Providing and laying nominal mix reinforced cement concrete								
	with crushed graded stone aggregate 20mm nominal size using								
	batching plant, transit mixer and concrete pump, in all works								
	upto plinth level excluding cost of form work.							1	
			\vdash	—	\vdash			 	
			\vdash						
								\longmapsto	
				<u> </u>			<u> </u>		
				<u> </u>					
	(SOR. ITEM NO 3.2.1/23)			 L				<u> </u>	
	3.4.2) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone								
	aggregate 20mm nominal size).								
	Column footing	20	0.90	0.90	0.20	3.24			
	Ground Beam	1			0.20			 	
	Column upto Ground level -	1	07.00	0.20	0.50	7.14		 	
	*	20	0.20	0.20	0.60	0.40	<u> </u>	 	
	C1-	20	0.20	0.20	0.60	0.48		\longmapsto	
	Column above Ground level -	I	1	1	1 /	1	1		
	C1-	20			0.90	0.72			

								RATE	AMOUNT
S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
						8.58	CUM	4163.00	35719.00
7	Extra for laying PCC/RCC of any grade in superstructure								
	above plinth level for every floor or part thereof in addition to								
	rate for foundation and plinth:								
	(SOR. ITEM NO3.4/23)								
	<u> </u>					0.72	CUM	97.50	70.00
8	Providing and placing in position reinforcement for R.C.C.								
	work including straightening, cutting, bending, binding etc.								
	complete as per drawings including cost of binding wire all								
	complete:								
	(SOR. ITEM NO3.12.1/24)								
	3.12.1)Thermo-Mechanically treated bars FE 415					8.58			
		antity	as per i	tem N					
			<u>.@ 80 k</u>	g/cum	1	686.40	KG	54.50	37408.80
9	Providing and fixing formwork including centering,								
	shuttering, strutting, staging, propping bracing etc. complete								
	and including its removal at all levels, for:								
	(SOR ITEM NO2.1.1/16)								
	Foundations, footings, base of columns and plinth beam in any shape and size.								
	Footing	4,,20	0.90		0.20	14.40			
	Column upto Ground level -	4x20	0.90		0.20	9.60			
	Ground Beam	2.	69.00		0.00	27.60			
	Ground Beam		09.00	-	0.20	51.60	SQM	139.00	7172.00
	Columns, Pillars, Piers and likes- rectangular or square in					31.00	SQM	137.00	7172.00
	shape								
	(SOR ITEM NO 2.1.5/16)								
	Column above Ground level -	4x20	0.20		0.90	14.40			
						14.40	SQM	297.00	4277.00
10	Brick work with modular fly-ash lime bricks (FALG Bricks)								
	confirming to IS:12894-2002 of class designation 40 in								
	foundation and plinth in:								
	(SOR. ITEM NO 7.5.4/45)								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	Extra for brick work in superstructure:								
	Above plinth and upto floor five level								
	(SOR. ITEM NO 7.6/45)								
	,	1	67.00	0.20	0.90	12.06			
							(32	63+121)	
						12.06	CUM	3384.00	40811.04
	Providing and making 12mm.thick cement plaster of mix:								
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
11		_	(7.00		1.00	124.00			
	(DIHI DINC COD ITEM NO. 11 2/102)	2	67.00		1.00	134.00	COM	91.50	13371.00
12	(BUILDING SOR. ITEM NO11.2/103) White washing with lime to give an even shade.					134.00	SQM	91.50	12261.00
	a) On new work (Three or more coats)				\vdash				
	(SOR. ITEM NO14.5.1/132)								
	(OOK, 11EM 110,-17,3,1/134)					134.00	SQM	9.40	1259.60
1					1	157.00	26141	2.40	1237.00
13	Painting exterior surface with TEXTURED exterior paint of								
	Painting exterior surface with TEXTURED exterior paint of On new work (Two or more coats applied @ 3.28 ltr/10 sqm)	2.00	67.00	1.00		134.00			

S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	(SOR. ITEM NO14.22.2/132)								
14	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. 9.6.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
	Top Rail	1.00	64.00	-	-	64.00			
		3	3.80 KC	G/MTF	₹	243.20			
	Vertical- post-	1.00	20.00	-	1.50	30.00			
		1	4.80 K	G/MT	R	444.00			
						687.20	KG	68.00	46729.60
	(BUILDING SOR. ITEM NO 9.6.2/80)					007.20	RO	00.00	40725.00
15	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.								
		1.00	64.00	-	1.50	96.00			
	(BUILDING SOR ITEM NO 9.43.1/84)					96.00	SQ.M	331.00	31776.00
16	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
	(BUILDING SOR. ITEM NO 9.6.2/80)								
	GATE	1	-	3.00		18.00			
			30 F	KG/SQ	.M	540.00	KG	68.00 Total Rs.	36720.00 290578.04

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT AYODHYAPURI WARD NO - 46" NAGAR PALIKA NIGAM, KORBA (C.G.)

(Ruila	ling SOP Ita	ms) W.E.F 01/01/2015	/1, IX		A (C	. G .)		<u> </u>		
`	1	T '		_	_		0.000			
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
	1	SLRM FLOORING	WOR	K				•		
8	(BUILDING SOR ITEM NO. 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00		324.00			
		Add 10% Extra	1.00	12.00	27.00	_	32.40			
		Add 1070 Latta						SQ.M	897.00	319690.80
							330.40	5Q.WI	077.00	317070.00
		SLRM PAINTING	WORI	K	<u> </u>	<u> </u>		1		
9	As per Ammendment no 08, 05/05/2025 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article								
		INSIDE	2	24	-	1.2	57.60			
			1	9	-	1.2	10.80			
			3	12	-	3	108.00			
			6	3	-	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1	7.56			
						Total	203.94	Sqm	64.00	13052.16
10	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type 2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools								
		OUTSIDE	2	24	-	1.2	57.60			
			1	9		1.2	10.80			
			1	20	-	3	60.00			
		Door Deduct	3	3	-	2.1	18.90			
						Total	109.50	Sqm	70.00	7665.00

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
11	As per Ammendment no 08, 05/05/2025 item no.14.74	with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour ato complete for the work								
		Premium synthetic enamel paint								
		On Steel								
		SLRM Pole & Fence	2	19.0	2.00		76.00			
			1	12.0	2.00		24.00			
		Door	1	3.0	2.10		6.30			
			1	2.0	2.10		4.20			
					Total		110.50			
		Add 20% Extra					22.10			
				Sub T	otal		132.60	Sqm	35.00	4641
12	no 08,	coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour atc. complete for					132.60	sqm	43.00	5701.80
		EXTERNAL FLOO 52 mm thick cement concrete flooring with under layer	ORING	}	I				1	
		of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing								
			1.00	40.00	4.00	-	160.00	SQ.M	441.00	70560.00
									TOTAL	421310.76

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT AYODHYAPURI WARD NO - 46 " NAGAR PALIKA NIGAM, KORBA (C.G.)

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

		,				,			
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil								
	(BUILDING SOR, ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with	1	1.40	1.40	1.20	2.33	CUM	105.00	434.75
L	crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm								
	nominal size).								
	bottom Beam-	2		0.20	0.20	0.11			
		2		0.20	0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20	GT17.5	44.62.00	1 (00 ==
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: 3.12.1 Thermo-Mechanically treated bars FE 415								
		Qty. a	s per ite	m No.	-3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)		50 kg	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of				2,110		00112		
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	1	1.00	1.00	0.30	0.30	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)								
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)								
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
		L	L	<u> </u>					

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT AYODHYAPURI WARD NO - 46 " NAGAR PALIKA NIGAM, KORBA (C.G.)

SANITARY REPAIRING

C N	D I DOWN I D	NO			TT/D	O.T.		RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C. pan)								
	with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and								
	fixtures complete including cutting and making good the walls and floors								
	wherever required:								
	(BUILDING SOR ITEM NO18.4/161)	1	-	-	-	1.00	EACH	3592.00	3,592.00
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan								
_), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern								
	(same colour) conforming to IS: 7231, with flush bend and other fittings and								
	fixtures complete including cutting and making good the walls and floors								
	wherever required :								
	C.L 10 ' W.C C ' 500 M0	1				1.00	EAGH	25.45.00	2.545.00
	Coloured Orissa pattern W.C. pan of size 580x440 mm (BUILDING SOR ITEM NO18.1/160)	1	-	-	-	1.00	EACH	3545.00	3,545.00
3	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern								
	conforming to IS: 7231, with all fittings and fixtures complete.								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
4	(BUILDING SOR ITEM NO18.7/161) Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm								
4	C.P. brass waste of standard pattern, including painting of brackets, cutting								
	and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)								
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming								
	to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring								
	conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded								
	fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS:								
	5382 leaving 10 mm gap for thermal expansion.								
	S. S. S. L.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm		-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm		-	-	-	5.00	EACH	154.00	770.00
	Vent covel								
	18.77.3.1 75 mm		-	-	-	4.00		34.00	136.00
	18.77.3.2 110 mm		-	-	-	4.00	EACH	44.00	176.00
	Access door cap								
	18.77.4.1 75 mm		-	-	-	10.00	EACH	49.50	495.00
	18.77.4.2 110 mm	10	-	-	-	10.00	EACH	59.00	590.00
	18.77.6 Nahani Trap 110	10	-	-	-	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall etc. complete.							(1113.)	(113.)
						10.00			
	18.78.1 75 mm 18.78.2 110 mm	10 10	-	-	-	10.00 10.00	EACH EACH	57.00 61.00	570.00 610.00
	(BUILDING SOR ITEM NO18.78/171)	10	-	-	-	10.00	EACH	01.00	610.00
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	167.00	835.00
9	(BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	362.00	1,810.00
	(BUILDING SOR ITEM NO19.5/176)								
10	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)								
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	<u> </u>			2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00	EACH	494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate (BUILDING SOR ITEM NO19.14/179)	2	-	-	-	2.00	EACH	163.00	326.00
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia							-	
13	(BUILDING SOR ITEM NO18.25.2/164) Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	4	-	-	-	4.00	EACH	88.50	354.00
	(BUILDING SOR ITEM NO18.29/164)	2	-	-	-	2.00	EACH	599.00	1,198.00

S.No. PARTICULAR NO. L B H/D QTY. UNIT (in Rs.) 14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing: 18.30.1 5mm thick mirror (BUILDING SOR ITEM NO18.30/164) 2 0.60 0.60 - 0.72 SQ.M 2016.00 15 Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured) 19.10.4 50 mm nominal bore 5 5.00 EACH 347.00 (BUILDING SOR ITEM NO19.10/178) 16 Providing and fixing brass' gun metal gate valve with C.I. wheel of approved quality (screwed end): 17 Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete: 20.1.1 100 mm diameter 20.1.1 100 mm diameter 1 10.00 - 10.00 MTR 162.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular 1ctly bricks crushing strength not less than 35kg/cm2 in cement mortar 1/4 (1 cement : 2 coarse sand) C.I. cover with frame (light duty) 455.85 tol mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand) C.I. cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 3 coarse sand) C.I. cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C. Supplied stone aggregate 40 mm nominal size) foundation concrete 1:5:10 (1 cement : 3 coarse sand) G.I. cement: 3 coarse sand) G.I. cement: 3 coarse sand) G.I. cement: 4 coarse sand) G.I. cement: 3 coarse sand)									DATE	AMOUNT
14 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing: 18.30.1 Smm thick mirror (BUILDING SOR ITEM NO18.30/164) 2 0.60 0.60 - 0.72 SQ.M 2016.00 15 Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured) 19.10.4 50 mm nominal bore 5 5.00 EACH 347.00 (BUILDING SOR ITEM NO19.10/178) 16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end): 19.16.4 50 mm nominal bore 2 2.00 EACH 762.00 (BUILDING SOR ITEM NO19.16/179) 17 Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (I cement : 1 fine sand) including testing of joints etc. complete : 20.1.1 100 mm diameter 1 10.00 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 20.1.1 100 mm diameter 1 10.00 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 38kg/cm2 in cement mortar 1:4 (I cement : 4 coarse sand) C.L cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg, R.C.C. top slab with 1:2.4 mix (I cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (I cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete	14	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
shade with 6 mm thick hard board backing: 18.30.1 5mm thick mirror 2		Providing and fixing mirror of superior glass (of approved quality) and of								
18.30.1 5mm thick mirror 2 0.60 0.60 - 0.72 SQ.M 2016.00										
BUILDING SOR ITEM NO18.30/164) 2 0.60 0.60 - 0.72 SQ.M 2016.00		shade with 6 mm thick hard board backing:								
BUILDING SOR ITEM NO18.30/164) 2 0.60 0.60 - 0.72 SQ.M 2016.00										
BUILDING SOR ITEM NO18.30/164) 2 0.60 0.60 - 0.72 SQ.M 2016.00		10 20 1 5 mm 4 in 1 minus								
15 Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured) 19.10.4 50 mm nominal bore 2 2.00 EACH 762.00 (BUILDING SOR ITEM NO19.16/179) 17 Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 20.1.1 100 mm diameter 20.1.1 100 mm diameter 1 10.00 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C. cto ps labu with 1:2-4 mix (1 cement 1: 2 coarse sand) c.I. cover with frame 15 kg) R.C. cto ps labu with 1:2-4 mix (1 cement 1: 5:10 (1 cement 1: 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete			2	0.60	0.60		0.72	SO M	2016.00	1,452.00
by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured) 19.10.4 50 mm nominal bore 5 5.00 EACH 347.00 (BUILDING SOR ITEM NO19.10/178) 16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end): 19.16.4 50 mm nominal bore 2 2.00 EACH 762.00 (BUILDING SOR ITEM NO19.16/179) 17 Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 20.1.1 100 mm diameter 1 10.00 - 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:24 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete	15			0.00	0.00	-	0.72	SQ.M	2010.00	1,432.00
complete: (dia of main line to be measured) 19.10.4 50 mm nominal bore 5 5.00 EACH 347.00 (BUILDING SOR ITEM NO19.10/178) 16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end): 19.16.4 50 mm nominal bore 2 2.00 EACH 762.00 (BUILDING SOR ITEM NO19.16/179) 17 Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 20.1.1 100 mm diameter 1 10.00 - 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete	13									
Comparison of the content of the c										
Comparison Com										
Comparison of the content of the c										
Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end): 19.16.4 50 mm nominal bore 2			5	-	-	-	5.00	EACH	347.00	1,735.00
quality (screwed end): 19.16.4 50 mm nominal bore 2 - 2.00 EACH 762.00	16									
19.16.4 50 mm nominal bore 2 2.00 EACH 762.00 (BUILDING SOR ITEM NO19.16/179) 17 Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 20.1.1 100 mm diameter 1 10.00 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete	16									
Comparison of the content of the c		quanty (screwed chd).								
Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 20.1.1 100 mm diameter 1 10.00 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete		19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 20.1.1 100 mm diameter		(BUILDING SOR ITEM NO19.16/179)								
including testing of joints etc. complete: 20.1.1 100 mm diameter 1 10.00 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete	17									
20.1.1 100 mm diameter 1 10.00 10.00 MTR 162.00 (BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete										
(BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete		including testing of joints etc. complete:								
(BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete										
(BUILDING SOR ITEM NO20.1/189) 18 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete		20.1.1.100 1	1	10.00			10.00	MTD	1(2.00	1 (20.00
Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete			1	10.00	-	-	10.00	MIK	102.00	1,620.00
and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete	18									
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plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete										
finished smooth with a floating coat of neat cement on walls and bed concrete										
etc. complete as per standard design :										
		etc. complete as per standard design :								
20.28.1 Inside dimensions 455x610 mm and 45 cm deep for single pipe line: 1 1.00 EACH 3796.00			1	-	-	-	1.00	EACH	3796.00	3,796.00
(BUILDING SOR ITEM NO20.28/194)		I(BUILDING SOR ITEM NO20.28/194)								
					1					l
	19	Providing and placing on terrace (at all floor levels) polyethylene water								
I Jarrangement and making necessary holes for inlet outlet and overflow nines	19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking								
	19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes								
arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes								
	19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes								
but without fittings and the base support for tank.	19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1.00	_	_		1000.00	LTR	7.30	7,300.00
but without fittings and the base support for tank.	19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1.00	-	-	-	1000.00	LTR	7.30	7,300.00

" Baled & Recyclable Material Storage Room "

		" Baled & Red	eyciab	ie Mat	eriai	storage	Room			
S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
		Surface dressing of the ground including								
		removing vegetation and making up								
1	1.2	undulations and in-equalities not exceeding								
1	1.2	15 cms in depth/ height including disposal								
		of rubbish upto 1.5 m lift and lead upto								
		50m (at least 5m away from the dressed								
		Plot Area	1	13.50	7.00	-	94.50			
						Total	94.50	Sqm	7.20	680.00
		Excavation for all types and sizes of								
		foundations, trenches and drains or for any								
		other purpose including disposal of								
2	1.1	excavated stuff upto 1.5 m lift and lead								
		upto 50m (at least 5m away from the								
		excavated area), including dressing and								
	1.1.1									
	1.1.1	In all types of soil Footing								
		F1	8	1.50	1.50	1.80	32.40			
		Below Plinth	-	1.50	1.50	1.00	32.10			
		Long Wall	2	10.70	0.40	0.20	1.71			
		Short Wall	2	4.40	0.40	0.20	0.70			
		step	1	1.20	1.00	0.20	0.24			
						Total	35.05	Cum	185.00	6484.00
3	2	Extra for every additional lift of 1.5 m or part thereof.								
	1.6.1	All types of soil								
		F1	8	1.50	1.50	0.30	5.40			
						Total	5.40	Cum	26.50	143.00
		Filling from available excavated stuff								
		(Excluding rock) in trenches, plinth,								
		sides of foundation etc. in layers not								
4	1.17	exceeding 20cm in depth								
		consolidating each deposited layer by								
		ramming and watering with a lead								
		upto 50 M. and lift upto 1.5 M.								
		Filling At Side 60%					21.03			
						Total	21.03	Cum	65.00	1367.00
		Providing and filling in plinth with sand/								
		Crusher dust and hard moorum under floor								
5	1.18	in layers not exceeding 20cm in depth								
	-	consolidating each deposited layer by								
		ramming and watering, including dressing								
		F1	8	1.50	1.50	0.10	1.80			
		Floor	1	11.10	4.60	0.50	25.53			
		step	1	1.20	1.00	0.20	0.24			
		Long Wall	2	10.70	0.40	0.10	0.86			
		Short Wall	2	4.40	0.40	0.10	0.35			
						Total	28.78	Cum	371.00	10677.00

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
6	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all								
		works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		Below Footing								
		F1	8	1.50	1.50	0.10	1.80			
		Floor Area	1	10.70	4.40	0.10	4.71			
		Below Plinth Beam Long Wall	2	10.70	0.30	0.10	0.64			
		Short Wall	2	4.40	0.30	0.10	0.04			
		step	1	1.20	1.00	0.10	0.12			
						Total	7.53	Cum	2970.00	22364.00
		Providing and laying damp proof course (upto 50mm thick) with plain								
7	3.13	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed								
		stone aggregate 20mm nominal size) including form work.								
		Long Wall	2	10.70	0.20	0.05	0.21			
		Short Wall	2	4.40	0.20	0.05	0.09			
						Total	0.30	Cum	4237.00	1271.00
		Applying a coat of hot bitumen VG-10								
8	3.15	using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and								
O	3.13	finally with a piece of cloth lightly soaked in kerosene oil.								
		Long Wall	2	10.70	0.20	-	4.28			
		Short Wall	2	4.40	0.20	-	1.76			
						Total	6.04	Sqm	93.50	565.00
		Providing and laying nominal mix								
9	3.2	reinforced cement concrete with crushed								
9	3.2	stone aggregate using concrete mixer in all								
		works upto plinth level excluding cost of								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm								
	3.2.1	nominal size).								
		Footing								
		F1	8	1.20	1.20	0.30	3.46			
		Column (Upto Ground Level)	0	0.20	0.22	1.20	0.62	0.1-		
		Column(Cround Lyl to Plinth Lyl)	8	0.20	0.30	1.30	0.62	2.15		
		Column(Ground Lvl to Plinth Lvl)	8	0.20	0.30	0.60	0.29			
		Column (Abv. Plinth Top to GF Slab	0	5.20	0.50	0.00	0.27			
		C1	8	0.20	0.30	3.10	1.49			
		Plinth Beams								
		Outer at Ground Lvl	2	10.70	0.20	0.45	1.02			
		Long Wall Short Wall	2 2	10.70	0.20	0.45 0.45	1.93 0.79			
		Snort wall Lintel Beam		4.40	0.20	0.43	0.73			
		Long Wall	1	10.70	0.20	0.15	0.32			
		Chajja								
		Long Wall	1	11.50	0.60	0.075	0.52			

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
		01.1.7							(in Rs.)	(in Rs.)
		Slab Beam	2	10.70	0.20	0.45	1.02			
		Long Wall Short Wall	4	10.70	0.20	0.45 0.45	1.93			
		Short wall	4	4.40	0.20	0.43	1.38			
		All Area	1	10.90	4.80	0.125	6.54			
		All Alea	1	10.90	4.00	Total	19.47	Cum	4163.00	81054.00
						Total	12.47	Cum	4105.00	01034.00
		Providing and placing in position								
		reinforcement for R.C.C. work including								
10	3.12	straightening, cutting, bending, binding etc.								
		complete as per drawings including cost of								
		binding wire in foundation and plinth all								
	3.12.1	Thermo-Mechanically treated bars FE 415								
		As per Item No-	1	19.47	-	-	19.47			
						Total	19.47	Cum		
		@ 100kg /Cum of Concrete	1	19.47	X	100.00	1947.00			
						Total	1947.00	Kg	54.50	106112.00
		Providing and fixing form work including								
11	2.1	centring, shuttering, strutting, staging,								
11	2.1	propping bracing etc. complete and								
		including its removal at all levels, for:								
		Foundations, footings, bases of columns								
	2.1.1	plinth beam, curtain wall in any shape and								
	2.1.1	size and all type of wall below plinth level.								
		Footing								
		F1	8	4.80	-	0.30	11.52			
		Column (Upto Ground Level)	-	1.00		1.20	10.10			
		C1	8	1.00	-	1.30	10.40			
		Column(Ground Lvl to Plinth Lvl)	0	1.00		0.60	4.00			
		C1	8	1.00	-	0.60	4.80			
		Plinth Beams Outer at Ground Lvl								
		Long Wall	2	10.70	_	0.90	19.26			
		Short Wall	2	4.40	_	0.90	7.92			
		Short wan		7.40		Total	53.90	Sqm	139.00	7492.00
						Total	33.70	Sqiii	157.00	7472.00
		Columns, Pillars, Piers and likes-								
	2.1.5	rectangular or square in shape								
		Column (Abv. Plinth Top to GF Slab Top)								
		C1	8	1.00	-	3.10	24.80			
						Total	24.80	Sqm	297.00	7366.00
									· · · · · · · · · · · · · · · · · · ·	-
	2.1.13	Weather shade, chhajja, Cornices and								
	2.1.13	mouldings								
		Long Wall	1	11.50	0.60	-	6.90			
		Side	1	12.70	-	0.10	1.27			
						Total	8.17	Sqm	294.00	2402.00
	210	D 1: (1 : 2								
	2.1.8	Beams, lintels, cantilevers & walls								
		Lintel Beam		10.70		0.17	2.21			
		Long Wall	2	10.70	-	0.15	3.21			
		Slab Beam		10 -0		0.45	10.26			
		T TT7 11								
		Long Wall Short Wall	8	10.70	-	0.45 0.45	19.26 15.84	35.10		

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
		Suspended floors, roofs, access platform,								
	2.1.7	balconies (plain surfaces) and shelves (cast in situ)								
		Slab								
		All Area	1	11.30	4.80	-	54.24			
						Total	54.24	Sqm	235.00	12746.00
	2.1.4	Edge of slab, breaks in floor and walls upto 200mm								
		Slab Edges at Slab Lvl	1	32.20	-	-	32.20			
		Ü				Total	32.20	Rm	34.00	1095.00
12	7.5	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse								
	,	step	1	1.20	0.90	0.15	0.16			
		step	1	1.20	0.60	0.15	0.11			
		step	1	1.20	0.30	0.15	0.05			
						Total	0.32	Cum	3263.00	1057.00
13	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse								
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		Above Plinth								
		Long Wall	2	10.70	0.20	2.95	12.63			
		Short Wall	2	4.40	0.20	2.95	5.19			
		Parapet	2	11.50	0.20	0.60	2.76	ļ		
		5	2	4.60	0.20	0.60	1.10	1		
		Deduction	2	1.20	0.20	2.10	1.01			
		D W	2 2	1.20	0.20	2.10 1.20	-1.01 -0.72			
		W	<i>L</i>	1.30	0.20	Total	19.95	Cum	3384.00	67511.00
										2.21100

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
14	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized ransparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:								
	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).								
		W	2	1.50	-	1.20	3.60	C		
		For Weight	1	3.60	X	Total 15.00	3.60 54.00	Sqm Kg		
		2 of Weight	•	5.00		Total	54.00	Kg	338.00	18252.00
15	12.79.1 AS PER AMM ENDM ENT	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades and size mentioned below (+/-10mm), laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete. 12.79.1 Size 600x600mm								
		area								
			1	11.10	4.60	Total	51.06 51.06	Sqm	1082.00	55247.00
11	12.50	KOTA stone slab 25mm thick in risers and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 M.)						~ Year		

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
							3.60	sqm	990.00	3564.00
16	11.1	Providing and making 6mm thick cement								
10		plaster of mix:								
	11.1.2	In Cement mortar 1:4 (1 cement : 4 fine								
							24.80			
							8.17			
							35.10 54.24			
			1	32.20		0.125	4.03			
			1	32.20		Total	126.34	Sqm	87.00	10991.00
						Total	120.57	Sqiii	07.00	10//1.00
17	11.2	Providing and making 12mm thick cement plaster of mix:								
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine								
	11.2.1	in coment worth 1.0 (1 coment : 0 time	2	11.10		3.00	66.60			
			2	4.60		3.00	27.60			
		Deduction								
		D	2	1.20		2.10	-5.04			
		W	2	1.50		1.20	-3.60			
						Total	85.56	Sqm	91.50	7829.00
		Providing and making 15mm thick cement								
18	11.3	plaster on the rough side of								
		single or half brick wall of mix:								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine								
		Outer Plaster		11.50		7.10	11= 20			
		Long Wall	2	11.50	-	5.10	117.30			
		Short Wall	2	5.00	-	5.10	51.00			
		Deduction	2	1.20		2.10	5.04			
		D W	2	1.50		2.10 1.20	-5.04 -3.60			
		V		1.50		Total	159.66	Sqm	107.00	17084.00
						Total	137.00	Sqiii	107.00	17004.00
19	14.1	14.13 Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.								
		As per item No-	16	-	-	-	126.34			
		As per item No-	17	-	-	-	85.56			
		As per item No-	18	-	-	-	159.66		0.4.70	25112.00
						Total	371.56	Sqm	94.50	35112.00
20	14.12	Applying one coat of cement primer on wall surface (applied @ 0.80 litrs/10 sqm) complete.								
				-	ı	-	371.56			
						Total	371.56	Sqm	23.00	8546.00
21	14.9	Distempering with acrylic washable								
	1401	distemper to give an even shade.								
	14.9.1	On new work (Two or more coats)					85.56			
				-	-	-	126.34			
					-	Total	211.90	Sqm	38.00	8052.00
						1 Otal	411.70	Sqiii	20.00	0032.00

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
22	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:								
	14.15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)								
				-	-	- Total	159.66 159.66	Sqm	56.00	8941.00
						Total	137.00	Sqiii	30.00	0741.00
23	4.21	Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer		11.50	5.00		57.50			
			1	11.50	5.00	Total	57.50 57.50		611.00	35133.0
						Total	37.30	Sqiii	011.00	35133.0
24	8.3	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm.								
		DOOR	12	-	-	-	12.00			
						Total	12.00	Each	72.50	870.0
25	8.12	Providing and fixing flush door shutters, conforming to IS: 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	8.12.2	35 mm. thick (single leaf) Extra for double leaf shutter instead of								
	8.15	single leaf.								

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
		Providing post water proofing treatment								
		against dampness & Seepage in								
		roof, terraces, sunken floor of toilets with								
		reinforced acrylic breathable (polymer content 35%, elongation at break								
		at > 100%) coating consisting								
		of following operations:								
		i) Removing loose material and cleaning								
		the surface.								
		ii) Priming in one coat with water based								
		acrylic emulsion.				2.40				
		iii) Three coats with reinforced acrylic	2	1.20	-	2.10			2057.00	10267.0
						Total	5.04	Sqm	2057.00	10367.0
26	8.58	Providing and fixing bright finished brass								
		butt hinges with brass polished MS screws								
		complete:								
	8.58.2	100x85x5.50 mm (Heavy Type)								
		Providing post water proofing treatment aga	12	-	-	-	12.00		407.00	
						Total	12.00	Each	195.00	2340.0
27	8.60	Providing and fixing bright finished brass								
	0.00	sliding door bolt with nuts and brass								
		polished MS screws complete:								
	8.60.2	250x16mm								
		Providing post water proofing treatment aga	2	-	•	-	2.00			
						Total	2.00	Each	344.00	688.0
28	8.61	Providing and fixing brass door latch with brass polished MS screws complete:								
	8.61.2	250x16x5 mm								
		Providing post water proofing treatment aga	2	_	-	_	2.00			
						Total	2.00	Each	268.00	536.00
29	8.62	Providing and fixing bright finished brass								
29	8.02	tower bolts (barrel type) with brass								
		polished MS screws complete:								
	8.62.2	200x10mm								
		Providing post water proofing treatment aga	2	-	-	-	2.00			
						Total	2.00	Each	231.00	462.0
30	8.65	Providing and fixing bright finished brass								
		door handles with brass polished MS								
	8.65.1	screws complete:								
	0.03.1	123 111111	4	-	_	_	4.00			
						Total		Each	55.50	222.0
31	9.15	Providing and fixing M.S. grill of approved								
		pattern made of M.S. flats or square or round bars welded to steel frame of								
		windows etc. including applying a priming coat welded to frame with all necessary								
		fitting complete including applying a								
		priming of red oxide zinc chromate primer.								
			2	1.50	-	1.20	3.60			
							3.60	Sqm		
		For Qty of steel= Areax30.0 kg/Sqm	1	3.60	X	30.00				
						Total	108.00	kg	67.50	7290.0

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	0.54									
32	9.51	Providing and fixing glazing in aluminium								
		door, window, ventilator shutters and								
		partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap								
		beading shall be paid in basic item):								
	9.51.2	With float glass panes of 5 mm thickness								
	9.31.2	As Per Item No-	31				3.60			
		As Fer Item No-	31	-	-	Total		Sqm	708.00	2549.0
						Total	3.00	Sqiii	700.00	2349.0
33	14.22	Painting on new work (two or more coats)								
		to give an even shade with:								
	14.22.2	Premium synthetic enamel paint								
		On Steel work								
		As per item No-	0	-	-	-	3.60			
		On Wood work								
			2	1.20	X	2.10	5.04			
						Total	8.64	Sqm		
		For Area for Painting	1	8.64	X	2.50	21.60			
						Total	21.60	Sqm	47.00	1015.0
34	9.37	Providing and fixing M.S. fan clamp/ hook								
	, ,,	for ceiling fan made out of 16 mm dia M.S.								
		bar bent to shape with hooked ends in								
		R.C.C. slabs, beams during laying								
		including painting the exposed portion of								
		loop.								
		·	6	-	-	-	6.00			
						Total	6.00	Each	97.00	582.0
									Total Rs.	573797.00
				Add 15	5% Ex	xtra For E	lectrical an		ng Work Rs	86069.55
								Gra	nd Total Rs.	659866.55

" EXTERNAL	C.C. FI	LOORING "

S.No.		NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T (in Rs.)
1	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/height including disposal of rubbiesh upto 1.5 m lift and lead upto 50 m (at least 5m away from the dressed area).								
	(BUILDING SOR ITEM NO1.2/9)	1	470.00	1.00	-	470.00			
		1	570.00	1.00	-	570.00			
					Total	1040.00	SQ.M	7.20	7488.00
2	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	470.00	1.00	-	470.00			
		1	570.00	1.00	-	570.00			
_					Total	1040.00	SQ.M	441.00	458640.00
							7	Total Rs.	466128.00

NAGAR PALIKA NIGAM, KORBA (C.G.) " C.C. ROAD 4.00 M WIDE " RATE AMOUNT UNIT S.No. **PARTICULAR** NO. H/D QTY. (in Rs.) (in Rs.) Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300. Internal Road 45.00 4.00 0.40 72.00 Approach Road 1 80.00 4.00 0.40 128.00 200.00 CUM 103.00 20600.00 (PWD ROAD SOR NO. 3.2/11) Granular Sub-base as per Table :- 400-1 Construction of granular sub base by providing close graded material carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface watering rolling and compacting with vibratory power roller at OMC to achive the disired density complete as per clause 401 A Plant mix method (with Mechanically crushed stone only) (ii) Grading-IV Material Internal Road 1 45.00 4.00 0.20 36.00 80.00 4.00 0.20 64.00 Approach Road (PWD ROAD ITEM NO.-4.1(A)ii/17) 100.00 CUM 1586.00 158600.00 Dry Lean Cement Concrete Sub-base (Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/CUM, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.) Internal Road 45.00 4.00 0.10 18.00 Approach Road 80.00 4.00 0.10 32.00 50.00 CUM 3449.00 172450.00 (PWD ROAD SOR NO.-6.3/32) Providing and laying Un-reinforcement Concrete without Dowel bar including formwork, and expansion contraction & longitudinal joint as per design and as per IRC-62-2014 over a prepared base a per approved mix design and finishing to line and grade as per drawing for pavement thickness less then 200mm in Low P.C.C. Grade M-30 with minimum Cement Content @375kg/cum Internal Road 1 45.00 4.00 0.20 36.00

Approach Road

(PWD ROAD SOR NO.-6.4/33)

1

80.00

4.00

0.20

64.00

100.00 CUM

4748.00

Total Rs.

474800.00

826450.00

"BOUNDARY WALL WITH CHAIN LINKED FENCING - 100.00 M"

S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of excavated								
	stuff upto 1.5 m lift and lead upto 50m (at least 5m away from								
	the excavated area), including dressing and leveling of pits.								
	(SOR ITEM NO1.1.1/9)								
	1.1.1) In all types of soil								
	F1	29	1.20	1.20	1.50	62.64			
						62.64	CUM	185.00	11588.00
2	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	F1	29	1.20	1.20	0.10	4.18			
	(BUILDING SOR. ITEM NO1.18/11)					4.18	CUM	371.00	1549.00
2	Providing and laying nominal mix cement concrete with								
	crushed stone aggregate using concrete mixer in foundation,								
	plinth and at ground level excluding cost of form work.								
	(SOR. ITEM NO 3.1.3/23)								
	3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone								
	aggregate 40mm nominal size).								
		29	1.20	1.20	0.10	4.18			
						4.18	CUM	2970.00	12403.00
3	Providing and laying nominal mix reinforced cement concrete								
	with crushed graded stone aggregate 20mm nominal size using								
	batching plant, transit mixer and concrete pump, in all works								
	upto plinth level excluding cost of form work.								
	(SOR. ITEM NO 3.2.1/23)								
	3.4.2) $1:1\frac{1}{2}:3$ (1 cement : $1\frac{1}{2}$ coarse sand : 3 graded stone								
	aggregate 20mm nominal size).								
	Column footing	29	0.90	0.90	0.20	4.70			
	Ground Beam	1	100.00	0.20	0.30	6.00			
	Column upto Ground level -								
	C1-	29	0.20	0.20	0.60	0.70			
	Column above Ground level -				0				
	C1-	29	0.20	0.20	0.90	1.04	OF IT	14 60 00	F4=F0 0**
	Factor for laring DCC/DCC of an all 1					12.44	CUM	4163.00	51779.00
7	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to								
	rate for foundation and plinth:								
	-								
	(SOR. ITEM NO3.4/23)								
						1.04	CUM	97.50	102.00
8	Providing and placing in position reinforcement for R.C.C.								

								RATE	AMOUNT
S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
	work including straightening, cutting, bending, binding etc.							(111 1450)	(111 1450)
	complete as per drawings including cost of binding wire all								
	complete:								
	(SOR. ITEM NO3.12.1/24)								
	3.12.1)Thermo-Mechanically treated bars FE 415					12.44			
		Quanti	ty as per ite	m No4					
			<u>.@</u> 80 kg/	<u>/cum</u>		995.04	KG	54.50	54229.68
9	Providing and fixing formwork including centering,								
	shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	(SOR ITEM NO2.1.1/16)								
	Foundations, footings, base of columns and plinth beam in any								
	shape and size.								
	Footing	4x29	0.90		0.20	20.88			
	Column upto Ground level -	4x29	0.20		0.60	13.92			
	Ground Beam	2	100.00	_	0.20	40.00			
						74.80	SQM	139.00	10397.00
	Columns, Pillars, Piers and likes- rectangular or square in								
	shape								
	(SOR ITEM NO 2.1.5/16)	4.20	0.20		0.00	20.00			
	Column above Ground level -	4x29	0.20		0.90	20.88	COM	207.00	(201.00
10	Brick work with modular fly-ash lime bricks (FALG Bricks)					20.88	SQM	297.00	6201.00
10	confirming to IS:12894-2002 of class designation 40 in								
	foundation and plinth in:								
	(SOR. ITEM NO 7.5.4/45)								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	Extra for brick work in superstructure:								
	Above plinth and upto floor five level								
	(SOR. ITEM NO 7.6/45)								
	(SOR. 11 EN NO 7.0/45)	1	97.00	0.20	0.90	17.46			
		1	77.00	0.20	0.70	17.40	(32	63+121)	
						17.46	CUM	3384.00	59084.64
	Providing and making 12mm.thick cement plaster of mix :								
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
11									
	DIN DING COD TEEN NO. 44 A(402)	2	97.00		1.00	194.00	0015	04.50	45554.00
12	(BUILDING SOR. ITEM NO11.2/103)					194.00	SQM	91.50	17751.00
12	White washing with lime to give an even shade. a) On new work (Three or more coats)								
	(SOR. ITEM NO14.5.1/132)								
	(MOM IIIMI IIO, IIMII/104)					194.00	SQM	9.40	1823.60
13	Painting exterior surface with TEXTURED exterior paint of					->00	~ ~	2.10	
	On new work (Two or more coats applied @ 3.28 ltr/10 sqm)	2.00	97.00	1.00		194.00			
						194.00	SQM	140.00	27160.00
	(SOR. ITEM NO14.22.2/132)								
14	Steel work welded in built up sections/ framed work including								
	cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.								
	9.6.2 In gratings, frames, guard bar, ladder, railings, brackets,								
	gates and similar works.								
	Top Rail	1.00	97.00		_	97.00		1	
	Top Ruit	1.00	3.80 KG/I	WTD -	· -	368.60			

S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Vertical- post-	1.00	29.00	-	1.50	43.50			
			14.80 KG	/MTR		643.80			
						1012.40	KG	68.00	68843.20
	(BUILDING SOR. ITEM NO 9.6.2/80)								
15	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.								
		1.00	97.00	-	1.50				
	(BUILDING SOR ITEM NO 9.43.1/84)					145.50	SQ.M	331.00	48160.50
16	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
	(BUILDING SOR. ITEM NO 9.6.2/80)								
	GATE	1	6.00	3.00		18.00			
			30 K	G/SQ.M		540.00	KG	68.00 Total Rs.	36720.00 407791.62

DETAILED ESTIMATE FOR CONSTRUCTION OF WET WASTE TIPPING SHED (5.00MX6.00M)

Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

	Based on ON MEASUREM						W.D BUILDII	NG S.O.R. II	V FORCE F	ROM 1 JAN 2015
SN	DESCRIPTION OF ITEM		0	L	B	H/D	QTY	RATE	UNIT	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
1	1.1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and									
	level									
	1.1.1 In all types of soils. F1(1500X1500)		8	1.50	1.50	1.50	27.00			
	total						27.00	185.00	cum	4,995.00
2	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete.									
	Footing									
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total			1			1.80	371.00	cum	667.80
3	3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form									
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal									
	Footing									
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total						1.80	2970.00	cum	5,346.00
4	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:									
	7.5.4 Cement Mortar 1:6 (1 cement : 6									
	Below Plinth Level				0.25	0.25	- -			
	L Wall		4	2.14			0.77			
	X Wall		4	2.64 4.58		0.30	0.95 0.41			
	total							3263.00	cum	6,959.98

SN	DESCRIPTION OF ITEM		N	MEASU			QTY	RATE	UNIT	AMOUNT
			0	L	В	H/D	_			
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
5	2.1 Providing and fixing form work									
	including centring, shuttering, strutting,									
	staging, propping bracing etc. complete and									
	including its removal									
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings									
	F1(1500X1500)	2	8	1.30		0.15	3.12			
		2	8		1.30	0.15	3.12			
	Column upto G L									
	C1(300X300)	2	8	0.30		0.65	3.12			
		2	8	0.30		0.65	3.12			
	Column above G L									
	C1(300X300)	2	8	0.30		0.30				
		2	8	0.30		0.30	1.44			
	Plinth Beam									
	L Wall	2	4	2.14		0.30	5.14			
	X Wall	2	4	2.64		0.30	6.34			
		2	1	4.58		0.30	2.75			
	total						29.58	139.00	sqm	4,111.62
6	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal			1.20	1.20	0.20	2.70			
	F1(1500X1500)		8	1.30	1.30		2.70			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		8			0.20	1.60			
\vdash	*(1.2+0.2)/2)) Subtotal a						4.30			
	Column upto G L		Н				4.30			
	C1(300X300)		8	0.30	0.30	0.65	0.47			
	Subtotal b		0	0.50	0.50	0.03	0.47			
	Column above G L		Н				U.4 /			
	C1(300X300)		8	0.30	0.30	0.30	0.22			
	Subtotal c			0.50	0.50	0.50	0.22			
	Plinth Beam		Н				0.22			
	L Wall		4	2.14	0.30	0.30	0.77			
	X Wall		4	2.64						
	***		1	4.58			0.41			
	Subtotal d		H	1.20	3.50	3.50	2.13			
	total (a+b+c)		ш					4163.00	cum	29,644.72
	(4. % . 0)								Cam	

CNI	N DESCRIPTION OF ITEM N MEASUREMENT					ENT	O TEXT	D A TELE	TINITE	
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
7	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	Footing			4.30		78.50	337.86			
	Column			0.68		78.50	53.69			
	Plinth Beam			2.13	1.00	78.50	167.44			
	total					I	559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.									
	Total qty of excavation - sand filling+PCC+RCC upto GL						16.28			
	total						16.28	38.15	cum	621.04
9	11.2 Providing and making 12mm thick cement plaster of mix: 11.2.4 In Cement Mortar 1:6 (1 cement : 6									
	C1(300X300)	4	8	0.30		0.30	2.88			
	total						2.88	91.50	sqm	263.52

CNI DESCRIPTION OF ITEM N I					UREM	ENT	OTN	DATE	TINHE	AMOUNT
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
10	11.3 Providing and making 15mm thick									
	cement plaster on the rough side of single 11.3.3 In Cement Mortar 1:5 (1 cement : 5									
	fine sand)									
	External Wall	1	2	5.00		0.60	6.00			
	LACITAL WAII	1	2	6.00		0.60	7.20			
	total	1		0.00		0.00	13.20	113.00	sqm	1,491.60
	totai						15.20	115.00	Sqiii	1,471.00
11	14.9 Distempering with acrylic washable									
**	distemper to give an even shade.									
	14.9.1 On new work (Two or more coats)									
	Area of Internal Wall									
	Area of Plaster						2.88			
	total						2.88	38.00	sqm	109.44
							2.00	20100	54111	10,
12	14.14 Finishing walls with water proofing									
	cement paint of required shade to give an									
	14.14.1 On new work (Two or more coats									
	applied @ 3.84 kg/10 sqm)									
	External Wall									
	Area of External Plaster						13.20			
	total				•		13.20	41.00	sqm	541.20
13	9.3 Steel work in tubular (round,									
	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting,									
	fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt welded tubes Grade-250									
\vdash	PWD S.O.RP-80/I-9.3.1	1	8	150	21.20		766 00			
 	150Dia Pole @21.30kg/meter Truss On Shed	1	δ	4.50	21.30	-	766.80			
\vdash		1	1	7.00	6.19		173.32			
<u> </u>	Tie Beam 50mm dia @6.19Kg/meter	4	2	7.00 4.35			215.41			
	Rafter 50mm dia @6.19Kg/meter Intermediate members 50mm dia			4.55			213.41			
		4		4.00	0.19	-	221.19			
-	@6.19Kg/meter	2	2	8.00	4.37		139.84			
	Purlins 40mm dia @ 4.37Kg/meter (On	2		8.00	4.5/	-	139.84			
\vdash	Top) Gussat Plata Fiving Polt and Page Plata						180.00			
	Gusset Plate, Fixing Bolt and Base Plate total		Н				1703.16	88.50	V.	150 720 66
_	เบเสา				<u> </u>		1/05.10	00.50	Kg	150,729.66

CNI	DESCRIPTION OF ITEM		N	MEASU	JREM	ENT	OTV	DATE	LINIT	AMOUNT
SN	DESCRIPTION OF ITEM		0	\mathbf{L}	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
14	10.12 Supply and fixing of polymer									
	precoated galvalume profile sheets (PPGL)									
	of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both side									
	of the sheet and colour polyester top coat									
	18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard									
	film of 25 microns minimum to avoid									
	scratches while transportation and should									
	be supplied in single length upto 12 metre									
	or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L PWD S.O.RP-91/I-10.11									
	Roofing		2	3.82	8.00		61.12			
	total			3.02	0.00		61.12	693.00	sqm	42,356.16
	totai						01.12	0/5.00	sqiii	42,550.10
15	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	8.00			8.00			
	total						8.00	552.00	mtr	4,416.00
16	10.16.6 Gutter. (600 mm over all girth).			2.22			1 5 0 0			
	Gutter		2	8.00			16.00	(00.00		10.061.00
	total						16.00	629.00	mtr	10,064.00
17	14.22 Pointing on now week (two or week									
17	14.22 Painting on new work (two or more									
<u> </u>	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint On Steel Structure									
	pole	2	2	36.00			108.00			
	Truss	2	2	157.68			473.04			
\vdash	total			137.00			581.04	47.00	sam	27,308.88
	totai						301.04	47.00	sqm	47,500.00

SN	DESCRIPTION OF ITEM	N MEASUREMENT			ENT	QTY	RATE	UNIT	AMOUNT	
511	DESCRIPTION OF ITEM		0	L	В	H/D	QII	KAIL	UNII	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
18	18.76 Providing and fixing on									
	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm)									
	including required counters jointing with									
	18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
19	12.4 52 mm thick cement concrete flooring									
	with under layer of 40mm thick cement									
	concrete 1:2:4 (1 cement : 2 coarse sand : 4									
	graded stone aggregate 20mm nominal									
	size) and top layer of 12 mm thick cement									
	metallic hardener concrete mix 1:2 (1									
	cement hardener mix: 2 stone aggregate of									
			1	5.00	6.00		30.00			
total 30.00 441.00 sqm								13,230.00		
									Total	338,128.04
				Ad	ld 3%	Electr	ical and l	Plumbing	Work	10,143.84
								SU	B TOTAL	348,271.89

DETAILED ESTIMATE FOR PROPOSED WORK OF
" SLRM CENTRE AT DARRIKHAR WARD NO - 52 "
NAGAR PALIKA NIGAM KORRA (C.G.)

		" SLRM CENTRE AT DAK						**		
(Duild	ing SOD Iton	NAGAR PALIKA NIO ns) W.E.F 01/01/2015	GAN	VI, K	JKB/	A (C.G.	.)			
S NO.	ITEM NO.		NO.	L	В	H/D	QTY	HINIT	DATE	AMOUNT
S NO.	HEM NO.	DESCRIPTION			D	n/D	VII	UNIT	RATE	AMOUNT
		SLRM FLOO 25 mm thick KOTA stone slab flooring over 20mm	KING	WOKK						
0	(BUILDING	(Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to								
8	SOR ITEM NO. 12.49/118)	match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00	-	324.00			
		Add 10% Extra					32.40			
							356.40	SQ.M	897.00	319690.80
		SLRM PAIN'	TING	WORK						
		SERWITAIN		WORK						
9	As per Ammendment no 08, 05/05/2025 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required INSIDE	2 1 3	24 9 12	-	1.2 1.2 3	57.60 10.80 108.00			
			6	3	-	3	54.00			
		Door Deduct	3	0.9	-	2.1	18.90			
			4	0.9	-	2.1 Total	7.56 203.94	Sqm	64.00	13052.16
10	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work				r Oldi	203.74	БЧIII	07.00	13032.10
		OUTSIDE	2	24	-	1.2	57.60			
			1	9	-	1.2	10.80			
			1	20	-	3	60.00			
		Door Deduct	3	3	-	2.1	18.90			

Total

109.50

70.00

7665.00

Sqm

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
11	As per Ammendment no 08, 05/05/2025 item no.14.74	red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc. complete for the work								
		Premium synthetic enamel paint								
		On Steel								
		SLRM Pole & Fence	2	19.0	2.00		76.00			
			1	12.0	2.00		24.00			
		Door	1	3.0	2.10		6.30			
			1	2.0	2.10		4.20			
					Total		110.50			
		Add 20% Extra					22.10			
				Sub T	otal		132.60	Sqm	35.00	4641
12	no 08, 05/05/2025	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					132.60	sqm	43.00	5701.80
									mom	
									TOTAL	350750.76

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

			`					D. 188	
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil							(III KS.)	
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
		2	1.00	0.20	0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: 3.12.1 Thermo-Mechanically treated bars FE 415								
	·		Qty. as per	tem No	3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)			g/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of	1	1.00	1.00	0.30	0.30	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201) PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)								
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	_	_	_	_	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)					_,	22111	271.30	32
	, ,								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382								
	150 mm dia	1	50.00	1	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

SANITARY REPAIRING

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
1	Providing and fixing vitreous china water closet (European							(in Rs.)	(in Rs.)
	type W.C. pan) with white ISI marked plastic seat and lid, 10								
	litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete								
	including cutting and making good the walls and floors								
	wherever required :								
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								
	18.1 Providing and fixing water closet squatting pan (Indian								
	type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to								
	IS: 7231, with flush bend and other fittings and fixtures								
	complete including cutting and making good the walls and								
	floors wherever required :								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.00
3	(BUILDING SOR ITEM NO18.1/160) Providing and fixing 10 litre capacity P.V.C. low level								
3	flushing cistern conforming to IS: 7231, with all fittings and								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)								
4	Providing and fixing vitreous china wash basin with C.I.								
	brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls								
	Coloured Size 550x450 mm	1	_	_	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)	-				1.00	EACH	1074.00	1,024.00
5	Providing and fixing on wall face or under floor UV stabilized								
	Unplasticised Rigid PVC pipes (single socketed) having 3.2mm								
	wall thickness conforming to IS: 13592 (4kg/sqcm) including								
	required couplers, jointing with seal ring conforming to IS: 18.76.1 75 mm dia pipe.	1	5.00	_	_	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.		5.00			5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)	-	0.00	-	-	5.00	WIII	207.00	1,000.00
6	Providing and fixing on wall face UV stabilized Unplasticised -								
	PVC moulded fittings/ accessories having 3.2mm wall								
	thickness for Rigid PVC pipes conforming to IS: 13592								
	(heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5	-	-	_	5.00	EACH	154.00	770.00
	Vent covel								
	18.77.3.1 75 mm	4	_	-	_	4.00	EACH	34.00	136.00
	18.77.3.2 110 mm	4	-	_	_	4.00	EACH	44.00	176.00
	Access door cap								
	18.77.4.1 75 mm	10	-	-	-	10.00	EACH	49.50	495.00
	18.77.4.2 110 mm		-	-	-	10.00	EACH	59.00	590.00
	18.77.6 Nahani Trap 110	10	-	-	-	10.00	EACH	90.50	905.00

G 31	D A DEWOLVE A D	NIO	_		TT (T)	OTT		RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
	(BUILDING SOR ITEM NO18.77/170)								
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of								
	required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good								
	the wall etc. complete.								
	18.78.1 75 mm	10	_		_	10.00	EACH	57.00	570.00
	18.78.2 110 mm	10	_		- -	10.00		61.00	610.00
	(BUILDING SOR ITEM NO18.78/171)	10				10.00	Laten	01.00	010.00
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,								
	10.5.1.15	,	5.00			7.00	MED	122.00	((7 00
	19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR MTR	133.00	665.00 835.00
	(BUILDING SOR ITEM NO19.5/176)	1	3.00	-	-	5.00	WIIK	167.00	835.00
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC)								
	pipes, having thermal stability for hot & cold water supply								
	including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	I	5.00	-	-	5.00	MTR	362.00	1,810.00
10	(BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)								
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	-	-	2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)		-	-	-	2.00		494.00	988.00
	19.14.4 Piller Cock (400 grams)		-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate	2	-	-	-	2.00	EACH	163.00	326.00
	(BUILDING SOR ITEM NO19.14/179)								
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia					·			

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
S.1NO.				D	п/р			(in Rs.)	(in Rs.)
12	(BUILDING SOR ITEM NO18.25.2/164)	4	-	-	-	4.00	EACH	88.50	354.00
13	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick								
	hard board ground fixed to wooden cleats with C.P. brass								
	screws and washers complete.								
	·								
	(BUILDING SOR ITEM NO18.29/164)	2	-	-	-	2.00	EACH	599.00	1,198.00
14	Providing and fixing mirror of superior glass (of approved								
	quality) and of required shape and size with plastic moulded								
	frame of approved make and shade with 6 mm thick hard board								
	backing:								
	10 20 1 5 41:-1								
	18.30.1 5mm thick mirror (BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60		0.72	SQ.M	2016.00	1 452 00
15	Making connection of G.I. distribution branch in G.I. main of		0.00	0.00	-	0.72	SQ.M	2010.00	1,452.00
13	following sizes by providing and fixing tee, including cutting								
	and threading the pipe etc. complete: (dia of main line to be								
	measured)								
	19.10.4 50 mm nominal bore	5	-	-	-	5.00	EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO19.10/178)								
16	Providing and fixing brass/ gun metal gate valve with C.I.								
	wheel of approved quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO19.16/179)								,
17	Providing, laying and jointing glazed stoneware pipes grade 'A'								
	with stiff mixture of cement mortar in the proportion of 1:1 (1								
	cement: 1 fine sand) including testing of joints etc. complete:								
	20.1.1 100 mm diameter	1	10.00	-	-	10.00	MTR	162.00	1,620.00
18	(BUILDING SOR ITEM NO20.1/189) Providing and constructing brick masonry chamber for								
10	underground pipe and and bends with well burnt modular clay								
	bricks crushing strength not less than 35kg/cm2 in cement								
	mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame								
	(light duty) 455x610 mm internal dimensions, total weight of								
	cover with frame to be not less than 38 kg (weight of cover 23								
	kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix								
	(1 cement :2 coarse sand : 4 graded stone aggregate 20 mm								
	nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside								
	plastering 12 mm thick with cement mortar 1:3 (1 cement : 3								
	coarse sand) finished smooth with a floating coat of neat								
	cement on walls and bed concrete etc. complete as per standard								
	cement on walls and bed concrete etc. complete as per standard design :								
		1	-	_	-	1.00	ЕАСН	3796.00	3,796.00
	design:	1	-	-	-	1,00	ЕАСН	3796.00	3,796.00
	design: 20.28.1 Inside dimensions 433x010 film and 43 cm deep for single pine line. (BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels)	1	-	-	-	1.00	ЕАСН	3796.00	3,796.00
	design: 20.28.1 Inside difficulties 433x010 film and 43 cm deep for single pipe lipe. (BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with	1	-	-	-	1.00	EACH	3796.00	3,796.00
	design: 20.28.1 Inside dimensions 433x010 mini and 43 cm deep for single pine line. (BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary	1	-	-	-	1.00	EACH	3796.00	3,796.00
19	design: 20.28.1 Inside dimensions 433x010 mm and 43 cm deep for citals pine line. (BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings	1	-	-	-	1.00	ЕАСН	3796.00	3,796.00
19	design: 20.28.1 Inside dimensions 433x010 mini and 43 cm deep for single pine line. (BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary	1	-	-	-	1.00	ЕАСН	3796.00	3,796.00
19	design: 20.28.1 Inside dimensions 433x010 mm and 43 cm deep for single pipe lipe. (BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.			-	-				
19	design: 20.28.1 Inside dimensions 433x010 mm and 43 cm deep for citals pine line. (BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings	1.00	-	-	-	1.00	EACH	3796.00 7.30	7,300.00

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	" SHED FOR BALED & RECYCLAR	<u>sle i</u>	MATI	CRIA	∟ - 2 7.	.0 X 5.5 N	<u>/I ''</u>	RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.								
		1	27.00	5.50		148.50			
	(BUILDING SOR ITEM NO 16.8/146)					148.50	SQ.M	57.00	8465.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	F1-	10	1.50	1.50	1.80	40.50			
	(BUILDING SOR ITEM NO1.1.1/9)					40.50	CUM	185.00	7493.00
3	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	F1-	10	1.50	1.50	1.80	40.50			
	Deduction- Sand cushion, pcc, footing, column up to GL-					-10.80			
	F1-	10	1.50	1.50	0.15	3.38			
	Floor	1	27.00	5.50	0.15	22.28			
	(BUILDING SOR. ITEM NO1.18/11)					55.35	CUM	371.00	20535.00
4	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size). M-10								
	F1-	10	1.50	1.50	0.15	3.38			
	(BUILDING SOR. ITEM NO 3.1.3/23)					3.38	CUM	2970.00	10023.75
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20								
	Footing-								
	F1-	10	1.20	1.20	0.20	2.88			
	Column upto Ground level-	10	0.20	0.20	1.20				
	Cl-	10	0.30	0.30	1.30	1.17			
	Column upto Plinth level-	10	0.20	0.20	0.175				
	C1- Column above Plinth level-	10	0.30	0.30	0.175	0.16			
	Column above Plinth level-	10	0.30	0.30	3.00	2.70			
	Ground Beam	2	45.00	0.30	0.20	2.70 5.40			
	Ground Beam	<u> </u>		0.50	0.20	3.40			
	(BUILDING SOR ITEM NO 3.2/23)					12.31	CUM	4163.00	51236.00

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
6	Providing and placing in position reinforcement for R.C.C. work including								
	straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete:								
	Thermo-Mechanically treated bars FE 415								
		Qu	antity a	s per ite	m 3.3	12.31			
	(BUILDING SOR. ITEM NO3.12.1/24)		<u>80k</u>	g/cum		984.60	KG	54.50	53661.00
7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	Footing-								
	F1-	20	1.20	-	0.20	4.80			
		20	-	1.20	0.20	4.80			
	Colunm upto Ground level-								
	C1-	20	0.30	-	1.30	7.80			
		20	-	0.30	1.30	7.80			
	Colunm upto Plinth level-								
	C1-	20	0.30		0.175	1.05			
		20	-	0.30	0.175	1.05			
	Column above plinth								
	C1-	20	0.30		3.00	18.00			
		20	-	0.30	3.00	18.00			
	Ground Beam	2	45.00		0.300	27.00			
	(BUILDING SOR ITEM NO 2.1.1/16)					90.30	SQ.M	139.00	12552.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. 9.3.2 Electric resistance or induction butt welded tubes Grade-300								
	Shed area	1	27.00	5.50	-	148.50			
			35	SKG/SC)M	5197.50	KG	93.50	485966.25
	(BUILDING SOR ITEM NO 9.3.2/80)								
9	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
	Top Roof		6.00	27.00	-	162.00			
	Side of Truss	2	5.50		1.50	16.50	~	***	
	(BUILL DING COD ITEM NO. 40 42/04)					178.50	SQM	693.00	123700.50
	(BUILDING SOR ITEM NO 10.12/91)								

S.No.	PARTICULAR	NO.	L	В	H/D	OTV	UNIT	RATE	AMOUNT
		NO.	L	В	11/1/	QII.	UNII	(in Rs.)	(in Rs.)
10	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating								
	120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on								
	both side of the sheet and polyester top coat 15-18 microns using self drilling/								
	self								
	tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
	10.16.6 Gutter. (600 mm over all girth)	1	27.00			27.00	MTR	629.00	16983.00
	(BUILDING SOR ITEM NO 10.16/91)	1	27.00			27.00	MIK	029.00	10965.00
11	Painting on new work (two or more coats) to give an even shade with Satin								
	synthetic enamel paint								
	Shed truss	10	3.00	-	1.20	36.00			
	Runner	6	4.00	0.02		0.45			
	Pole	10	0.47		2.10	9.89			
	(BUILDING SOR. ITEM NO14.22.1/134)					46.34	SQM	55.00	2548.87
12	52 mm thick cement concrete flooring with under layer of 40mm thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone								
	aggregate of 6 mm size by volume) with metallic hardening compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1								
	metallic floor hardening compound by weight) including finishing etc.								
	complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	5.50	30.00	-	165.00	SQ.M	441.00	72765.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks)								
	confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	45.00	-	3.00	135.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					135.00	SQ.M	382.00	51570.00
14	Providing and making 12mm.thick cement plaster of mix:								
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
	INNER	1.00	45.00	-	3.00	135.00			
	(BUILDING SOR. ITEM NO11.2/103)					135.00	SQ.M	91.50	12352.50
-15	Desiding adjusting 15 and 1 an								
15	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix.								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	45.00	-	3.00	135.00			
	(BUILDING SOR. ITEM NO11.3/103)					135.00	SQ.M	107.00	14445.00
16	Providing and applying Acrylic washable Distemper or lite economy Plastic								
	emulsion paint having VOC content less than 50gms/ lit Minimum two coats								
	up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code								
	428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux								
	Pomise sheen, Neroloc								
	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro								
	tape on edges and article and cleaning of door, windows, floor and surface as								
	required with all tools tackles and labour complete for the work.								
	INNER	1.00	45.00	-	3.00	135.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	135.00	SQ.M	64.00	8640.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	45.00	ı	3.00	135.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	135.00	SQ.M	70.00	9450.00
								Total Rs.	962387.00

WET WASTE TIPPING SHED AT SWM PLANT (5.00MX6.00M)

					Based on	C. G. P.	W.D BUILDI	NG S.O.R. II	N FORCE F	ROM 1 JAN 2015
CINT	DESCRIPTION OF ITEM		N	MEAS	SURE	MEN	OTV	DATE	LINIT	AMOUNT
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
1	1.1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and level									
	1.1.1 In all types of soils. F1(1500X1500)		8	1.50	1.50	1.50	27.00			
	total						27.00	185.00	cum	4,995.00
2	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete. Footing									
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total						1.80	371.00	cum	667.80
3	3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.1.3 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size). Footing F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total		0	1.50	1.50	0.10	1.80	2970.00	cum	5,346.00
4	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below Plinth Level L Wall X Wall		4 4 1	2.14 2.64 4.58	0.30 0.30 0.30	0.30 0.30 0.30	0.77 0.95 0.41			
	total						2.13	3263.00	cum	6,959.98
5	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. Footings F1(1500X1500) Column upto G L	2 2	8 8	1.30	1.30	0.15 0.15	3.12 3.12			

SN	DESCRIPTION OF ITEM		N	MEAS	SURE	MEN	QTY	RATE	UNIT	AMOUNT
511	DESCRIPTION OF ITEM		0	L	В	H/D	,	KAIL	UNII	AMOUNT
Ι	П		III	IV	V	VI	VII	VIII	IX	X
	C1(300X300)	2	8	0.30		0.65	3.12			
	Column above G L	2	8	0.30		0.65	3.12			
	C1(300X300)	2	8	0.30		0.30	1.44			
	DV 4 D	2	8	0.30		0.30	1.44			
	Plinth Beam L Wall	2	4	2.14		0.30	5.14			
	X Wall	2	4	2.64		0.30	6.34			
-	total	2	1	4.58		0.30	2.75 29.58	139.00	sqm	4,111.62
	totai						27.30	137.00	sqiii	4,111.02
6	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work									
	3.2.1 $1:1\frac{1}{2}:3$ (1 cement : $1\frac{1}{2}$ coarse sand : 3 graded stone									
	aggregate 20mm nominal size). F1(1500X1500)		8	1.30	1.30	0.20	2.70			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.2+0.2)/2))		8	1.50	1.30	0.20	1.60			
							4.20			
	Subtotal a Column upto G L						4.30			
	C1(300X300)		8	0.30	0.30	0.65	0.47			
	Subtotal b Column above G L						0.47			
	C1(300X300)		8	0.30	0.30	0.30	0.22			
	Subtotal c						0.22			
	Plinth Beam L Wall		4	2.14	0.30	0.30	0.77			
	X Wall		4	2.64	0.30	0.30	0.95			
			1	4.58	0.30	0.30	0.41 2.13			
	Subtotal d total (a+b+c)						7.12	4163.00	cum	29,644.72
7	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:									·
	3.12.1 Thermo-Mechanically treated bars FE 415									
	Footing			4.30	1.00	78.50	337.86			
	Column Plinth Beam			0.68 2.13	1.00 1.00	78.50 78.50	53.69 167.44			
	total				,,,,		559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.									
	Total qty of excavation - sand filling+PCC+RCC upto GL						16.28			
	total						16.28	38.15	cum	621.04
9	11.2 Providing and making 12mm thick cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)									
	C1(300X300)	4	8	0.30		0.30	2.88	01 50	sare	262.52
	total						2.88	91.50	sqm	263.52

SN	DESCRIPTION OF ITEM		N	MEAS	SURE	MEN	QTY	RATE	UNIT	AMOUNT
31 1	DESCRIPTION OF THEM		0	L	В	H/D		MIL	CIVII	Millount
Ι	II		III	IV	V	VI	VII	VIII	IX	X
10	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall 11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand) External Wall	1	2 2	5.00 6.00		0.60 0.60	6.00 7.20			
	total	1		0.00		0.00	13.20	113.00	sqm	1,491.60
11	14.9 Distempering with acrylic washable distemper to give an even shade. 14.9.1 On new work (Two or more coats) Area of Internal Wall Area of Plaster						2.88			
	total					I	2.88	38.00	sqm	109.44
12	14.14 Finishing walls with water proofing cement paint of required shade to give an even shade. 14.14.1 On new work (Two or more coats applied @ 3.84 kg/10 sqm) External Wall Area of External Plaster						13.20			
	total						13.20	41.00	sqm	541.20
13	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.									
	9.3.1 Electric resistance or induction butt welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1 150Dia Pole @21.30kg/meter Truss On Shed	1	8	4.50	21.30	-	766.80			
	Tie Beam 50mm dia @6.19Kg/meter	4	1	7.00	6.19	-	173.32			
	Rafter 50mm dia @6.19Kg/meter	4	2	4.35	6.19	-	215.41			
	Intermediate members 50mm dia @6.19Kg/meter	4	2	4.60	6.19	-	227.79			
	Purlins 40mm dia @ 4.37Kg/meter (On Top)	2	2	8.00	4.37	-	139.84			
	Gusset Plate, Fixing Bolt and Base Plate Etc						180.00			
	total						1703.16	88.50	Kg	150,729.66

CNI	DESCRIPTION OF ITEM		N	MEASUREMEN			OTN	DATE	LIMIT	AMOUNT
SN			0	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.									
	PWD S.O.RP-91/I-10.11									
	Roofing		2	3.82	8.00		61.12			
	total						61.12	693.00	sqm	42,356.16
	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	8.00			8.00			
	total						8.00	552.00	mtr	4,416.00
16	10.16.6 Gutter. (600 mm over all girth). Gutter total		2	8.00			16.00 16.00	629.00	mtr	10,064.00
	14.22 Painting on new work (two or more coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint On Steel Structure pole Truss total	1.5 1.5	2 2	36.00 157.68			108.00 473.04 581.04	47.00	sqm	27,308,88
							201101	.,,,,,	Sym	27,500.00
	18.76 Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete. 18.76.2 110 mm dia pipe.									

SN	DESCRIPTION OF ITEM	I	N	MEAS	SURE	MEN	QTY	RATE	UNIT	AMOUNT
511	DESCRIPTION OF THEM		0	\mathbf{L}	В	H/D	VII	KATE	UNII	AMOUNT
Ι	II	I	II	IV	V	VI	VII	VIII	IX	X
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
	12.4 52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.		1	5.00	6.00		30.00			
	total						30.00	441.00	sqm	13,230.00
									Total	338,128.04
						Add	3% Electrica		0	10,143.84
SUB TOTAL									348,271.89	

(Duildin	a SOD Itama	NAGAR PALIKA NIGAM, W.E.F 01/01/2015	KUI	XDA ((C.U	•)				
	g SOR Items)						0.5			AMOUN
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	T
1	(BUILDING SOR ITEM NO. 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
		Top Rooof Sheet For Compost Pit shed	2	6.2	27		335			
		Top Rooof Sheet For Compost Fit Shed		0.2	41	-	335	SQM	693	232016.40
							333	26141	073	232010.70
2	(BUILDING SOR ITEM NO. 10.16/91)	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
		SLRM FLOORING W	ORK	Ι	l					
8	(BUILDING SOR ITEM NO 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00		224.00			
		Add 10% Extra	1.00	12.00	27.00	-	324.00 32.40			
		And 10/0 Date					356.40	SQ.M	897.00	319690.80

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUN T
	(BUILDING	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone								
	SOR ITEM NO.12.4/111)	aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight)								
		including finishing etc.								
		External Flooring Compost Pit Area	1.00	445	.00	-	445.00	SQ.M	441.00	196245.00
		SLRM PAINTING W	ORK							
		Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish								
9	As per Ammendment no 08,	applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Teator Speak Duluy Popries sheep.								
	05/05/2025 item no.16.62	such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.)								
		inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
		INSIDE	2	24	-	1.2	57.60			
			1	9	-	1.2	10.80			
			3	12	-	3	108.00			
		Door Deduct	6	3	-	2.1	54.00 18.90			
		Door Bedace	4	0.9	_	2.1	7.56			
						Total	203.94	Sqm	64.00	13052.16
10	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
		OUTSIDE	2	24	-	1.2	57.60			
			1 1	9 20	-	1.2	10.80			
		Door Deduct	3	3	-	2.1	18.90			
						Total		Sqm	70.00	7665.00
11	As per Ammendment no 08, 05/05/2025 item no.14.74	red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc.								
		Premium synthetic enamel paint								
		On Steel								
		SLRM Pole & Fence	2	19.0	2.00	<u> </u>	76.00			
]		1	12.0	2.00		24.00			

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUN T
		Door	1	3.0	2.10		6.30			-
			1	2.0	2.10		4.20			
					Total		110.50			
		Add 20% Extra					22.10			
				Sub 7	Total		132.60	Sqm	35.00	4641
12	As per Ammendment no 08, 05/05/2025 item no.14.76	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					132.60	sqm	43.00	5701.80
		DEMOLISH WOR	V.							
13	(BUILDING SOR ITEM NO. 16.3.3/146)	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	K							
		Boundary wall & Fencing	1.00	30.00	0.20	1.50	9.00			
							9.00	SQ.M	263.00	2367.00
									TOTAL	830249.16

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

		,				,			
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	In all types of soil		1.40	1.40	1.20	2.25	CHINA	107.00	42.4.77
•	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
		2	1.00		0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: 3.12.1 Thermo-Mechanically treated bars FE 415								
		Qty. a	s per ite	m No.	3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)		50 kg	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of pit								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	1	1.00	1.00	0.30	0.30	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)								
6	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)								
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
	ļ	L		<u> </u>		ļ		ļ	

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

" PLUMBING & SANITARY WORK "

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:							((
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.00
3	(BUILDING SOR ITEM NO18.1/160) Providing and fixing 10 litre capacity P.V.C. low level flushing								
3	cistern conforming to IS: 7231, with all fittings and fixtures								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)								, , , , , , , , , , , , , , , , , , , ,
4	Providing and fixing vitreous china wash basin with C.I. brackets, 32								
	mm C.P. brass waste of standard pattern, including painting of								
	brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)								
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required								
	couplers, jointing with seal ring conforming to IS: 5382 leaving 10		5.00			= 00	3.5000	100.00	242.22
	18.76.1.75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	_	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5	-	-	-	5.00	EACH	154.00	770.00
	Vent covel								
	18.77.3.1 75 mm	4	-	_	-	4.00	EACH	34.00	136.00
	18.77.3.2 110 mm	4	_	_	_	4.00	EACH	44.00	176.00
	Access door cap					1.00			
	18.77.4.1 75 mm	10	_			10.00	EACH	49.50	495.00
	18.77.4.2 110 mm	10	<u> </u>	_	-		EACH	59.00	590.00
	10.77.4.2 110 11111	10	-	_	-	10.00	Littli	37.00	370.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
S.INO.			L	В	H/D			(in Rs.)	(in Rs.)
	18.77.6 Nahani Trap 110	10	-	-	-	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170) Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall etc. complete.								
	18.78.1 75 mm	10	-	-	-	10.00	EACH	57.00	570.00
	18.78.2 110 mm	10	-	-	-	10.00	EACH	61.00	610.00
	(BUILDING SOR ITEM NO18.78/171) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	_	_	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	167.00	835.00
	(BUILDING SOR ITEM NO19.5/176)								
	having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	_	_	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	362.00	1,810.00
10	(BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177) Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	-	-	2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00	EACH	494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00 2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate (BUILDING SOR ITEM NO19.14/179)	2	-	-	-	2.00	EACH	163.00	326.00
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia								
	(BUILDING SOR ITEM NO18.25.2/164)	4	-	-	-	4.00	EACH	88.50	354.00

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
13	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.								
	(BUILDING SOR ITEM NO18.29/164)	2	-	-	-	2.00	EACH	599.00	1,198.00
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing: 18.30.1 5mm thick mirror								
	(BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	_	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)	5	0.00	0.00	-	5.00			
	19.10.4 50 mm nominal bore (BUILDING SOR ITEM NO19.10/178)	3	-	-	-	5.00	EACH	347.00	1,735.00
	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
17	(BUILDING SOR ITEM NO19.16/179) Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	-	-	10.00	MTR	162.00	1,620.00
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :					1 00	FACH	2704.00	2.704.00
	(BUILDING SOR ITEM NO20.28/194)	1	-	-	-	1.00	EACH	3796.00	3,796.00
19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
									<i>j-</i> • • • • •
								Total Rs.	47,635.00

" SHED EXTENSION - 7.5 X 21.0 "

	" SHED EXTENSI	<u> ON -</u>	7.5 X	21.0	<u>''</u>				
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.							(III KS.)	(m Rs.)
	F1-	10	1.50	1.50	1.80	40.50			
	(BUILDING SOR ITEM NO1.1.1/9)					40.50	CUM	185.00	7493.00
2	Providing and filling in plinth with sand /crusher dust and hard moorum								
	under floor in layers not exceeding 20 cm in depth and consolidating each								}
	F1-	10	1.50	1.50	1.80	40.50			
	Deduction- Sand cushion, pcc, footing, column up to GL-					-10.80			
	F1-	10	1.50	1.50	0.15	3.38			
	Floor	1	4.00	12.00	0.15	7.20			
	(BUILDING SOR. ITEM NO1.18/11)					40.28	CUM	371.00	14942.00
	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	F1-	10	1.50	1.50	0.15	3.38			
	(BUILDING SOR. ITEM NO 3.1.3/23)					3.38	CUM	2970.00	10023.75
	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	Footing-								
	F1-	10	1.20	1.20	0.20	2.88			
	Colunm upto Ground level-								
	C1-	10	0.30	0.30	1.30	1.17			
	Colunm upto Plinth level-								
	C1-	10	0.30	0.30	0.175	0.16			
	Colunm above Plinth level-								
	C1-	10	0.30	0.30	3.000	2.70			
	Ground Beam	2	36.00	0.30	0.200	4.32			
	(BUILDING SOR ITEM NO 3.2/23)					11.23	CUM	4163.00	46740.00
	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete:								
		Qu	antity as	s per ite	m 3.3	11.23			
	(BUILDING SOR. ITEM NO3.12.1/24)		80k	g/cum		898.20	KG	54.50	48952.00
	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in								
	Footing-								
	F1-	20	1.20	-	0.20	4.80			
		20	-	1.20	0.20	4.80			
	Columm upto Ground level-								
	C1-	20	0.30	-	1.30	7.80			
		20	-	0.30	1.30	7.80			
	Colunm upto Plinth level-								
			1						
	C1-	20	0.30		0.175	1.05		1	

a	D. D. D. C. L. D.	210	_	_		0.77		RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
	Column above plinth								
	C1-	20	0.30		3.00	18.00			
	g 15	20	-	0.30	3.00	18.00			
	Ground Beam	2	36.00		0.300	21.60			
	(BUILDING SOR ITEM NO 2.1.1/16)					84.90	SQ.M	139.00	11801.00
	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. 9.3.2 Electric resistance or induction butt welded tubes Grade-300						ì		
	Shed area	1	7.50	21.00	-	157.50			
			3:	5KG/S	QM	5512.50	KG	93.50	515418.75
	(BUILDING SOR ITEM NO 9.3.2/80)								
	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and								
	Top Roof	1	7.50	21.00	_	157.50			
	Side of Truss	1	7.50	21.00	1.50	11.25			
		1	7.50		1.50	168.75	SQM	693.00	116943.75
	(BUILDING SOR ITEM NO 10.12/91)					100170	54	0,0,00	
	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self								
	10.16.6 Gutter. (600 mm over all girth)	1	21.00			21.00	MTR	629.00	13209.00
	(BUILDING SOR ITEM NO 10.16/91)		ļ						
10	Painting on new work (two or more coats) to give an even shade with Satin								
	Shed truss	8	7.50		1.50	00.00			
	Runner	8	21.00	0.02	1.50	90.00			
	Pole	10	0.63	0.02	2.10	13.19			
	(BUILDING SOR. ITEM NO14.22.1/134)	10	0.03		2.10	106.35	SQM	55.00	5849.42
	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.					10005	III.	23.00	5517/12
	(BUILDING SOR ITEM NO.12.4/111)	1.00	7.50	21.00	-	157.50	SQ.M	441.00	69457.50
	• • • • • • • • • • • • • • • • • • • •	1.00	7.50	21.00		107.00	~ ~. ····	1 11.00	07781180

13 Half brick thick brick mick masonny with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level. 1.00 36.00 - 3.00 108.00 108.00 382.00 41256.00 108.00 108.00 382.00 41256.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 108.00 1	S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
BUILDING SOR. ITEM NO 7.4.1/45 108.00 SQ.M 382.00 41256.00	13	confirming to IS:12894-2002 of class designation 4.0 in superstructure							,	, ,
14 Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:6 (1 Cement : 6 fine Sand) INNER 1.00 36.00 - 3.00 108.00 SQ.M 91.50 9882.00			1.00	36.00	-	3.00	108.00			
In Cement Mortar 1.6 (1 Cement : 6 fine Sand)		(BUILDING SOR. ITEM NO 7.4.1/45)					108.00	SQ.M	382.00	41256.00
In Cement Mortar 1.6 (1 Cement : 6 fine Sand)										
(BUILDING SOR. ITEM NO11.2/103) 108.00 SQ.M 91.50 9882.00	14	· · · · · · · · · · · · · · · · · · ·								
15 Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. OUTER 1.00 36.00 - 3.00 108.00 (BUILDING SOR. ITEM NO11.3/103) 108.00 SQ.M 107.00 11556.00 108.00 SQ.M 64.00 6912.00 108.00 SQ.M 70.00 7560.00		INNER	1.00	36.00	-	3.00	108.00			
single or half brickwall of mix. OUTER 1.00 36.00 - 3.00 108.00 (BUILDING SOR. ITEM NO11.3/103) 108.00 SQ.M 107.00 11556.00 Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applicd @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc INNER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.16.62 Total 108.00 SQ.M 64.00 6912.00 Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant L.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power OUTER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.14.67 Total 108.00 SQ.M 70.00 7560.00		(BUILDING SOR. ITEM NO11.2/103)					108.00	SQ.M	91.50	9882.00
single or half brickwall of mix. OUTER 1.00 36.00 - 3.00 108.00 (BUILDING SOR. ITEM NO11.3/103) 108.00 SQ.M 107.00 11556.00 Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applicd @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc INNER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.16.62 Total 108.00 SQ.M 64.00 6912.00 Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant L.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power OUTER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.14.67 Total 108.00 SQ.M 70.00 7560.00										
BUILDING SOR. ITEM NO11.3/103) 108.00 SQ.M 107.00 11556.00 1108.00 SQ.M 64.00 6912.00 1108.00 SQ.M 70.00 7560.00	15	single or half brickwall of mix.								
16 Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc INNER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.16.62 Total 108.00 SQ.M 64.00 6912.00 Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power OUTER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.14.67 Total 108.00 SQ.M 70.00 7560.00			1.00	36.00	-	3.00	108.00			
emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applicd @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc INNER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.16.62 Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant L.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power OUTER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.14.67 Total 108.00 SQ.M 70.00 7560.00		(BUILDING SOR. ITEM NO11.3/103)					108.00	SQ.M	107.00	11556.00
As per Ammendment no 08, 05/05/2025 item no.16.62 Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power OUTER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.14.67 Total 108.00 SQ.M 70.00 7560.00	16	emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux								
Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power OUTER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.14.67 Total 108.00 SQ.M 70.00 7560.00		INNER	1.00	36.00	-	3.00	108.00			
Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power OUTER 1.00 36.00 - 3.00 108.00 As per Ammendment no 08, 05/05/2025 item no.14.67 Total 108.00 SQ.M 70.00 7560.00		As per Ammendment no 08, 05/05/2025 item no.16.62				Total	108.00	SQ.M	64.00	6912.00
As per Ammendment no 08, 05/05/2025 item no.14.67 Total 108.00 SQ.M 70.00 7560.00		Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power								
			1.00	36.00	-					
Total Rs. 937996.0		As per Ammendment no 08, 05/05/2025 item no.14.67				Total	108.00	SQ.M		7560.00 937996.00

WET WASTE TIPPING SHED AT SWM PLANT (5.00MX6.00M)

Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015 **MEASUREMEN DESCRIPTION OF ITEM OTY** RATE UNIT **AMOUNT** SN 0 H/D L В П Ш VII VIII IX X VI Excavation for all types and sizes of foundations. trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including 1.1.1 In all types of soils. F1(1500X1500) 1.50 1.50 1.50 27.00 8 185.00 total 27.00 4,995.00 cum 1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete. **Footing** F1(1500X1500) 1.50 1.50 0.10 1.80 1.80 371.00 667.80 total cum 3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). Footing F1(1500X1500) 1.50 1.50 0.10 1.80 total 1.80 2970.00 cum 5,346.00 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) Below Plinth Level L Wall 2.14 0.30 0.30 0.77 X Wall 2.64 0.30 0.30 0.95

4.58

0.30

0.30

0.41

SN	DESCRIPTION OF ITEM		N		SURE		QTY	RATE	UNIT	AMOUNT
I	П		O III	L IV	B V	H/D VI	VII	VIII	IX	X
_	-			- '	·	, _				12
	total						2.13	3263.00	cum	6,959.98
_	2.1 Drawiding and fiving forms would including contains									
٦	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete									
	and including its removal									
	and morading its removal									
	2.1.1 Foundations, footings, bases of columns plinth beam,									
	curtain wall in any shape and size and all type of wall below									
	plinth level.									
	Footings									
	F1(1500X1500)	2	8	1.30		0.15	3.12			
<u> </u>		2	8		1.30	0.15	3.12			
<u></u>	Column upto G L			0.20		0.65	2.12			
<u> </u>	C1(300X300)	2	8	0.30		0.65	3.12			
	Colomo ob one C.I.	2	8	0.30		0.65	3.12			
-	Column above G L C1(300X300)	2	8	0.30		0.30	1.44			
\vdash	C1(300A300)	2	8	0.30		0.30	1.44			
	Plinth Beam		0	0.50		0.50	1.77			
	L Wall	2	4	2.14		0.30	5.14			
	X Wall	2	4	2.64		0.30	6.34			
		2	1	4.58		0.30	2.75			
	total			i i			29.58	139.00	sqm	4,111.62
6	3.2 Providing and laying nominal mix reinforced cement									
	concrete with crushed stone aggregate using concrete mixer									
	in all works up to plinth level excluding cost of form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone									
	aggregate 20mm nominal size).									
	F1(1500X1500)		8	1.30	1.30	0.20	2.70			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.2+0.2)/2))		8			0.20	1.60			
	Subtotal a						4.30			
	Column upto G L									
	C1(300X300)		8	0.30	0.30	0.65	0.47			
<u> </u>	Subtotal b						0.47			
<u> </u>	Column above G L C1(300X300)		8	0.30	0.30	0.30	0.22			
	C1(300X300) Subtotal c		0	0.30	0.30	0.30	0.22			
	Plinth Beam						0.22			
	L Wall		4	2.14	0.30	0.30	0.77			
	X Wall		4	2.64		0.30	0.95			
			1	4.58		0.30	0.41			
	Subtotal d						2.13			
	total (a+b+c)						7.12	4163.00	cum	29,644.72

SN	DESCRIPTION OF ITEM		N	MEAS	SURE	MEN	QTY	RATE	UNIT	AMOUNT
			0	L	В	H/D				
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
7	3.12 Providing and placing in position reinforcement for									
	R.C.C. work including straightening, cutting, bending,									
	binding etc. complete as per drawings including cost of									
	binding wire in foundation and plinth all complete:									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	3.12.1 Thermo-incentanearly treated bars 1 D 413									
	Footing			4.30	1.00	78.50	337.86			
	Column			0.68	1.00	78.50	53.69			
	Plinth Beam			2.13	1.00	78.50	167.44			
	total			T			559.00	54.50	Kg	30,465.42
_	147 P. 11		Ш							
8	1.17 Filling from available excavated stuff (Excluding rock)									
	in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer									
	by ramming and watering with a lead upto 50 M.									
	by running and watering with a read apto 50 Hz.									
	Total qty of excavation - sand filling+PCC+RCC upto GL						16.20			
							16.28			
	total						16.28	38.15	cum	621.04
9	11.2 Providing and making 12mm thick cement plaster of									
	mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)									
	C1(300X300)	4	8	0.30		0.30	2.88			
	total						2.88	91.50	sqm	263.52
10	44.2.5									
10	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall									
	11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)									
	External Wall	1	2	5.00		0.60	6.00			
		1	2	6.00		0.60	7.20			
	total			1	1		13.20	113.00	sqm	1,491.60
11	14.9 Distempering with acrylic washable distemper to give		\vdash							
11	an even shade.									
	14.9.1 On new work (Two or more coats)									
	Area of Internal Wall									
	Area of Plaster						2.88			
	total						2.88	38.00	sqm	109.44
12	14.14 Finishing walls with water proofing cement paint of									
	required shade to give an even shade.									

III IV VI VII VI VII VI VII VI VII VI VII VI VII VII VI VII VIII VI	SN	DESCRIPTION OF ITEM		N O	MEA L	SURE:	MEN H/D	QTY	RATE	UNIT	AMOUNT
External Wall Area of External Plaster 13.20 total 13.20 total 13.20	I	II						VII	VIII	IX	X
External Wall Area of External Plaster 13.20 10.20 1		`									
total 13.20 total 13.20 13.2											
total 13 9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming 9.3.1 Electric resistance or induction butt welded tubes Grade-250 PWD S.O.RP-80/I-9.3.1 150Dia Pole @21.30kg/meter 1 8 4.50 21.30 - 766.80 Tie Beam 50mm dia @6.19Kg/meter 4 1 7.00 6.19 - 173.32 Rafter 50mm dia @6.19Kg/meter 4 2 4.35 6.19 - 215.41 Intermediate members 50mm dia @6.19Kg/meter 4 2 4.60 6.19 - 227.79 Purlins 40mm dia @ 4.37Kg/meter (On Top) 2 2 8.00 4.37 - 139.84 Gusset Plate, Fixing Bolt and Base Plate Etc 180.00 total 10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding								12.20			
13 9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming 9.3.1 Electric resistance or induction butt welded tubes Grade-250 PWD S.O.RP-80/I-9.3.1 150Dia Pole @21.30kg/meter 1 8 4.50 21.30 - 766.80 Truss On Shed Tie Beam 50mm dia @6.19Kg/meter 4 1 7.00 6.19 - 173.32 Rafter 50mm dia @6.19Kg/meter 4 2 4.35 6.19 - 215.41 Intermediate members 50mm dia @6.19Kg/meter 4 2 4.60 6.19 - 227.79 Purlins 40mm dia @ 4.37Kg/meter (On Top) 2 2 8.00 4.37 - 139.84 Gusset Plate, Fixing Bolt and Base Plate Etc 180.00 total 1703.16 1 14 10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding									41.00		541.20
hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming 9.3.1 Electric resistance or induction butt welded tubes Grade-250 PWD S.O.RP-80/I-9.3.1 150Dia Pole @21.30kg/meter 1 8 4.50 21.30 - 766.80 Truss On Shed 1 1 7.00 6.19 - 173.32 Rafter 50mm dia @6.19Kg/meter 4 1 7.00 6.19 - 173.32 Rafter 50mm dia @6.19Kg/meter 4 2 4.35 6.19 - 215.41 Intermediate members 50mm dia @6.19Kg/meter 4 2 4.60 6.19 - 227.79 Purlins 40mm dia @ 4.37Kg/meter (On Top) 2 2 8.00 4.37 - 139.84 Gusset Plate, Fixing Bolt and Base Plate Etc 180.00 total 1703.16 : 14 10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding		totai						13.20	41.00	sqm	541.20
9.3.1 Electric resistance or induction butt welded tubes Grade-250 PWD S.O.RP-80/I-9.3.1 150Dia Pole @21.30kg/meter	13	hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and									
PWD S.O.RP-80/I-9.3.1 150Dia Pole @21.30kg/meter		9.3.1 Electric resistance or induction butt welded tubes									
150Dia Pole @21.30kg/meter											
Truss On Shed Tie Beam 50mm dia @6.19Kg/meter	-		1	Q	4 50	21.30		766.80			
Tie Beam 50mm dia @6.19Kg/meter			1	0	4.50	21.50	_	700.80			
Rafter 50mm dia @6.19Kg/meter			4	1	7.00	6 19	_	173 32			
Intermediate members 50mm dia @6.19Kg/meter				-							
Gusset Plate, Fixing Bolt and Base Plate Etc total 10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding				-							
total 14 10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding		Purlins 40mm dia @ 4.37Kg/meter (On Top)	2	2	8.00	4.37	-	139.84			
14 10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding		Gusset Plate, Fixing Bolt and Base Plate Etc						180.00			
profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding		total						1703.16	88.50	Kg	150,729.66
the cost of purlins. rafters and trusses and PWD S.O.RP-91/I-10.11	14	profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins. rafters and trusses and PWD S.O.RP-91/I-10.11			2.02	2 00		(1.12)			
Roofing 2 3.82 8.00 61.12				2	3.82	8.00					45.55
total 61.12 69		total						61.12	693.00	sqm	42,356.16

CNI	DESCRIPTION OF MEN	DESCRIPTION OF ITEM N MEASURI				MEN	O/FIX/	D A FEE	X I N I X III	AMONINE
SN	DESCRIPTION OF ITEM		O	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
15	10.16 Providing and fixing precoated galvanised steel sheet									
	roofing accessories									
	0.50 mm +/- 5% total coated thickness (TCT), Zinc coating									
	120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns									
	epoxy primer on both side of the sheet and polyester top coat									
	15-18 microns using self drilling/ self tapping screws or with									
	polymer coated J or L hooks, bolts and nuts and or G.I. seam									
	bolts and nuts, G.I. plain and bitumen washers complete:									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	8.00			8.00			
	total						8.00	552.00	mtr	4,416.00
16	10.16 (C 4) = ((00 11 - 11)									
16	10.16.6 Gutter. (600 mm over all girth).		_	0.00			16.00			
	Gutter		2	8.00			16.00			1001100
	total						16.00	629.00	mtr	10,064.00
17	14.22 Pointing on many yearly (two or many costs) to give on									
1/	14.22 Painting on new work (two or more coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure			2			100.00			
	pole	2	2	36.00			108.00			
	Truss	2	2	####			473.04			
	total						581.04	47.00	sqm	27,308.88
- 10										
18	18.76 Providing and fixing on wall face or under									
	floor UV stabilized Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness conforming to IS:									
	13592 (4kg/sqcm) including required couplers, jointing with									
	seal ring conforming to IS: 5382 leaving 10 mm gap for									
	18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
19	12.4 52 mm thick cement concrete flooring with under layer									
	of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse									
	sand: 4 graded stone aggregate 20mm nominal size) and top									
	layer of 12 mm thick cement metallic hardener concrete mix									
	1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size									
	by volume) with metallic hardening compound of approved									
	quality mixed with cement in ratio of 4:1 (4 cement : 1									
			1	5.00	6.00		30.00			
	total						30.00	441.00	sqm	13,230.00
				A 1	1 20/	1714	1 1	D11-*	Total	338,128.04
				Ad	d 5%	Liectr	ical and I	Plumbing		10,143.84
								20R I	OTAL	348,271.89

(Building SOR Items) W.E.F. - 01/01/2015

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RAT E	AMOUNT
1	(BUILDING SOR ITEM NO 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever								
		required.			27		225			
		SLRM SHED SHEET	2	6.2	27	-	335			
							335	SQM	693	232016.40
2	(BUILDING SOR ITEM NO 10.16/91)	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
	<u> </u>	SLRM FLOORING	WODI		<u> </u>			<u> </u>		
0	(BUILDING	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and	,, OIG	•						
8	SOR ITEM NO 12.49/118)	match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20								
			1.00	12.00	27.00		324.00			
		Add 10% Extra	1.00	12.00	27.00	_	324.00			
		ridd 10/0 DAttu		 			356.40	COM	897.00	319690.80

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RAT E	AMOUNT
	(BUILDING	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2							, in the second	
	SOR ITEM NO.12.4/111)	stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by								
		weight) including finishing etc. Back Side Area	1.00	52.00	2.00	_	156.00			
		Back Side Alea	1.00	32.00	3.00	Total	156.00	SQ.M	441.00	68796.00
		SLRM PAINTING V	VORK							
		Providing and applying Acrylic washable Distemper or								
	As per Ammendment	lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code								
9	no 08, 05/05/2025 item no.16.62	428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise								
		sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and								
		INSIDE	2	24	-	1.2	57.60			
			3	12	-	1.2	14.40			
			6	3	-	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1 Total	7.56 207.54	Sqm	64.00	13282.56
								~ 1		
10	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One								
		Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour								
		OUTSIDE	2	24	_	1.2	57.60			
			1	9	-	1.2	10.80			
			1	20	-	3	60.00			
		Door Deduct	3	3	-	2.1 Total	18.90 109.50	Sqm	70.00	7665.00
11	As per Ammendment no 08,	red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red				Total	107.50	Sqm	, 0.00	, 305.00
	05/05/2025 item no.14.74	oxide primer) with all tools tackles and labour etc. Premium synthetic enamel paint								
		On Steel								
		SLRM Pole & Fence	2	19.0	2.00		76.00			
			1	12.0	2.00		24.00 6.30			
	i e	Door		(1)	17.10	1	- 111	i		

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RAT E	AMOUNT
					Total		110.50			
		Add 20% Extra					22.10			
				Sub 7	Γotal		132.60	Sqm	35.00	4641
12	As per Ammendment no 08, 05/05/2025 item no.14.76	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					132.60	sqm	43.00	5701.80
		DEMOLISH WO	RK						•	
	(BUILDING SOR ITEM NO. 16.3.3/146)	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.								
		Boundary Wall With Fencing	1.00	#####	0.20	1.50	10.80			
							10.80	SQ.M	#####	2840.40
								T	OTAL	703503.96

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1.40	0 1.40	1.20	2.35	CUM	185.00	434.75
		1.20	2.00		100100	
1.40	0.20	0.20	0.11			
1.00	0 0.20	0.20	0.08			
1.40	0 1.40	0.10				
			0.39	CUM	4163.00	1623.57
		o3.2.1	0.39			
<u>50 kg</u>	cg/cum		19.5	KG	54.50	1062.75
4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
1.00	00 1.00	0.40	0.40	CUM	863.00	345.20
1.00	00 1.00	0.30	0.30	CUM	806.00	241.80
1.00	00 1.0	0.20	0.20	CUM	471.00	94.20
	_					
50.0	0.30	0.30	4.50	CUM	185.00	832.50
-	-	-	2.25	CUM	65.00	146.25

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

SANITARY REPAIRING

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								,
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1				1.00	EACH	3545.00	3,545.00
	(BUILDING SOR ITEM NO18.1/160)	1	l -	_	+ -	1.00	EACH	3343.00	3,343.00
3	Providing and fixing 10 litre capacity P.V.C. low level flushing								
3									
	cistern conforming to IS: 7231, with all fittings and fixtures	_				2.00			
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)								
4	Providing and fixing vitreous china wash basin with C.I. brackets,								
	32 mm C.P. brass waste of standard pattern, including painting of								
	brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)								
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	_	_	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)					3.00			
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	_	_		5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5						154.00	770.00
		_	-	-	-	5.00	Laten	101.00	770.00
	Vent covel								
	18.77.3.1 75 mm	4		-	-	4.00	EACH	34.00	136.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
D.1 10.				В	11/10			(in Rs.)	(in Rs.)
	18.77.3.2 110 mm	4	-	-	-	4.00	EACH	44.00	176.00
	Access door cap								
	18.77.4.1 75 mm	10	-	-	-	10.00	EACH	49.50	495.00
	18.77.4.2 110 mm	10	-	-	-	10.00	EACH	59.00	590.00
	18.77.6 Nahani Trap 110	10	_	_	_	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)					10100			
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall etc. complete.								
	18.78.1 75 mm	10	-	_	-	10.00	EACH	57.00	570.00
	18.78.2 110 mm	10	-	_	_	10.00		61.00	610.00
	(BUILDING SOR ITEM NO18.78/171)					-			
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,								
	10.5.1.15		5.00			7.00	A COD	122.00	
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes. (BUILDING SOR ITEM NO19.5/176)	1	5.00	-	-	5.00	MTR	167.00	835.00
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	199.00	995.00
_	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	362.00	1,810.00
10	(BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)					-			,
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	-	-	2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00	EACH	494.00	988.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate	2	-	-	-	2.00	EACH	163.00	326.00
	(BUILDING SOR ITEM NO19.14/179)								
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia								
	(BUILDING SOR ITEM NO18.25.2/164)	4	-	-	-	4.00	EACH	88.50	354.00
13	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.								
	(BUILDING SOR ITEM NO18.29/164)	2	-	-	-	2.00	EACH	599.00	1,198.00
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:								
	18.30.1 5mm thick mirror								
	(BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	_	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								-,
	19.10.4 50 mm nominal bore	5			_	5.00	EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO19.10/178)	,			1	5.00	LAICH	547.00	1,755.00
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO19.16/179)								
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	_	_	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)	1	10.00			10.00	.,,,,,,,	102.00	1,020.00
	(· · · · · · · · · · · · · ·		1		1				l

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	20.26.1 Inside dimensions 455x010 min and 45 cm deep for single	1	-	-	-	1.00	EACH	3796.00	3,796.00
19	(BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
								Total Rs.	47,635.00

" SHED EXTENSION - 4.0 X 12.0 "

	SHED EXTENSION	1						DATE	ANTONIN
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.							(m 1430)	•
		1	4.00	12.00		48.00			ļ
	(BUILDING SOR ITEM NO 16.8/146)					48.00	SQ.M	57.00	2736.00
									1
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	F1-	2	1.50	1.50	1.80	8.10			
	(BUILDING SOR ITEM NO1.1.1/9)					8.10	CUM	185.00	1499.00
3	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	F1-	2	1.50	1.50	1.80	8.10			
	Deduction- Sand cushion, pcc, footing, column up to GL-					-2.16			
	F1-	2	1.50	1.50	0.15	0.68			
	Floor	1	4.00	12.00	0.15	7.20			
	(BUILDING SOR. ITEM NO1.18/11)					13.82	CUM	371.00	5125.00
4	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10								
	F1-	2	1.50	1.50	0.15	0.68			
	Floor	1	4.00	12.00	0.10	4.80			
	(BUILDING SOR. ITEM NO 3.1.3/23)					5.48	CUM	2970.00	16260.75
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20								
	Footing-								
	F1-	2	1.20	1.20	0.20	0.58			
	Colunm upto Ground level-								
	C1-	2	0.30	0.30	1.30	0.23			
	Colunm upto Plinth level-								
	C1-	2	0.30	0.30	0.175	0.03			
	Colunm above Plinth level-								
	G1	2	0.30	0.30	3.000	0.74	\vdash		·
	C1-		0.30	0.50	3.000	0.54			,

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
	DIVI DIVIG GOD JEDIN NO. 4 4 (4)					1.06	CHILA	41.62.00	
	(BUILDING SOR ITEM NO 3.2/23)					1.86	CUM	4163.00	7749.00
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								
		Quai	ntity as	per iter	n 3.3	1.86			
	(BUILDING SOR. ITEM NO3.12.1/24)		<u>80kg</u>	/cum		148.92	KG	54.50	8116.00
7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	Footing-								
	F1-	4	1.20	-	0.20	0.96			
		4	-	1.20	0.20	0.96			
	Colunm upto Ground level-								
	C1-	4	0.30	-	1.30	1.56			
		4	-	0.30	1.30	1.56			
	Colunm upto Plinth level-								
	C1-	4	0.30		0.18	0.21			
		4	-	0.30	0.18	0.21			
	Column above plinth								
	C1-	4	0.30		3.00	3.60			
		4	-	0.30	3.00	3.60			
	Kerb wall	2	4.00		0.300	2.40			
	(BUILDING SOR ITEM NO 2.1.1/16)					15.06	SQ.M	139.00	2093.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide		100	12.00		40.00			
	Shed area	1	4.00		1	48.00			
			35	KG/SQ	M	1680.00	KG	93.50	157080.00
	(BUILDING SOR ITEM NO 9.3.2/80)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
9	10.12 Supply and fixing of polymer precoated galvalume profile							(======)	
	sheets (PPGL) of approved size, shape and pitch of corrugation,								
	total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and								
	colour								
	polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet								
	should have protective guard film of 25 microns minimum to avoid								
	scratches while transportation and should be supplied in single length								
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	fixed using self drilling /self tapping screws of size (5.5x 55mm) with								
	EPDM seal or with polymer coated J or L hooks, bolts and nuts								
	8mm								
	diameter with bitumen and G.I. limpet washers or with G.I. limpet								
	washers								
	Top Roof	2	6.20	4.00	-	49.60			
	Side of Truss	1	12.40		1.50	18.60			
						68.20	SQM	693.00	47262.60
	(BUILDING SOR ITEM NO 10.12/91)								
10	10.16 Providing and fixing precoated galvanised steel sheet roofing								
	accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns								
	epoxy primer on both side of the sheet and polyester top coat 15-18								
	microns using self drilling/ self								
	tapping screws or with polymer coated J or L hooks, bolts and nuts								
	and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
	10.16.1 Ridges plain (500-600mm)	1	4.00			4.00	MTR	552.00	2208.00
	10.16.6 Gutter. (600 mm over all girth)	2	4.00				MTR	629.00	5032.00
	(BUILDING SOR ITEM NO 10.16/91)		4.00			8.00	MIIK	029.00	5032.00
11	Painting on new work (two or more coats) to give an even shade								
11	with Satin synthetic enamel paint								
	Shed truss	1	12.00		1.50	10.00			
	Runner	2	4.00	-	1.50	18.00			
	Pole		2.10	0.02	2.10	0.15			
	(BUILDING SOR. ITEM NO14.22.1/134)		2.10		2.10	8.82		55.00	1402.20
12	52 mm thick cement concrete flooring with under layer of 40mm					26.97	SQM	55.00	1483.39
12	thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick cement								
	metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening								
	aggregate of 6 mm size by volume) with metallic hardening compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	12.00	4.00	-	48.00	SQ.M	441.00	21168.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUN
		110.			II/D	ζ.1.	01111	(in Rs.)	T
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in								
	superstructure above plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	12.00	-	3.00	36.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					36.00	SQ.M	382.00	13752.00
14	Providing and making 12mm.thick cement plaster of mix:								
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand) INNER	1.00	12.00		2.00	26.00			
		1.00	12.00	-	3.00	36.00	~~		
	(BUILDING SOR. ITEM NO11.2/103)					36.00	SQ.M	91.50	3294.00
15	Providing and making 15mm.thick cement plaster on the rough side								
	of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	12.00	_	3.00	36.00			
	(BUILDING SOR. ITEM NO11.3/103)	1.00	12.00		3.00	36.00	SQ.M	107.00	3852.00
	(BUILDING SOK. 11EM 11011.5/100)					30.00	SQ.MI	107.00	3852.00
16	Providing and applying Acrylic washable Distemper or lite economy								
10	Plastic emulsion paint having VOC content less than 50gms/ lit								
	Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as								
	per relevant L.S. Code								
	428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison,								
	Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc								
	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of								
	providing abro tape on edges and article and cleaning of door,								
	windows, floor and surface as required with all tools tackles and								
	labour complete for the work.								
	INNER	1.00	12.00	ı	3.00	36.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	36.00	SQ.M	64.00	2304.00
	Providing and applying on exterior surface with ECONOMY								
	Exterior Emulsion paint of required shades to give protective and								
	water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class								
	D,C (Glossy /Semi Glossy finish) (Product such as Asian								
	Ace, Dulux Promise Exterior Berger Wall Masta, Nerolac Suraksha								
	Plus, Nippon Shogun Opus, One Style Power Bright) inclusive of								
	providing abro tape on edges and article and cleaning of door,								
	windows, floor and surface as required with all tools tackles and								
	labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	12.00		2.00	26.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67	1.00	12.00	-	3.00	36.00	0035	70.00	2520.00
	As per Ammenument no vo, vo/vo/2025 Item no.14.0/				Total	36.00	SQ.M		2520.00
								Total Rs.	303535.00

WET WASTE TIPPING SHED AT SWM PLANT (4.00MX3.50M)

							W.D BUILDI	NG S.O.R. II	R. IN FORCE FROM 1 JAI				
SN	DESCRIPTION OF ITEM		NO	MEA	SURE	MEN	QTY	RATE	UNIT	AMOUNT			
511	DESCRIPTION OF THEM		110	L	В	H/D	QII	KATE	OIVII	AMOUNT			
I	II		Ш	IV	V	VI	VII	VIII	IX	X			
1	Dismantling flag stone flooring laid in												
	cement/lime mortar including stacking of												
	serviceable material and disposal of												
	unserviceable material within 50 metre												
			1	4	12		48						
	(BUILDING SOR ITEM NO 16.8/146)						48	57	Sqm	2,736.00			
1	1.1 Excavation for all types and sizes of												
	foundations, trenches and drains or for any												
	other purpose including disposal of												
	excavated stuff upto 1.5 m lift and lead												
	1.1.1 In all types of soils.												
	F1(1500X1500)		4	1.50	1.50	1.50	13.50						
	total				-100	- 10 0	13.50		cum	2,497.50			
	total						10.00	100100	Cum	2,127100			
2	1.18 Providing and filling in plinth with												
-	sand/ Crusher dust and hard moorum under												
	floor in layers not exceeding 20cm in depth												
	consolidating each deposited layer by												
	ramming and watering, including												
	dressing etc complete.												
	Footing												
	F1(1500X1500)		4	1.50	1.50	0.10	0.90						
	total		<u>'</u>	1.50	1.50	0.10	0.90		cum	333.90			
	totai		Ι				0.70	3/1.00	Cuiii	333.70			
3	3.1 Providing and laying nominal mix plain												
	cement concrete with crushed stone												
	aggregate using concrete mixer in all works												
	upto plinth level excluding cost of form												
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6		 										
	graded stone aggregate 40mm nominal												
	Footing												
	F1(1500X1500)		4	1.50	1.50	0.10	0.90						
	total	<u> </u>	<u> </u>	1.00	2.00	3.10		2970.00	cum	2,673.00			
							0.50		Juli	_,570.00			
4	2.1 Providing and fixing form work												
	including centring, shuttering, strutting,												
	staging, propping bracing etc. complete and												
	including its removal												
	υ ·- · · · · ·									i			

SN	DESCRIPTION OF ITEM		NO	MEAS	SURE	MEN	QTY	RATE	UNIT	AMOUNT
SIN	DESCRIPTION OF ITEM		NO	L	В	H/D	QII	KAIL	UNII	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings									
	F1(1500X1500)	2	4	1.30		0.15	1.56			
		2	4		1.30	0.15	1.56			
	Column upto G L									
	C1(300X300)	2	4	0.30		0.65	1.56			
		2	4	0.30		0.65	1.56			
	Column above G L									
	C1(300X300)	2	4	0.30		0.30	0.72			
		2	4	0.30		0.30	0.72			
	total						7.68	139.00	sqm	1,067.52
5	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal									
	F1(1800X1800)		4	1.30	1.30	0.20	1.35			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		4			0.20	0.80			
	*(1.2+0.2)/2))									
	Subtotal a						2.15			
	Column upto G L									
	C1(300X300)		4	0.30	0.30	0.65	0.23			
	Subtotal b						0.23			
	Column above G L									
	C1(300X300)		4	0.30	0.30	0.30	0.11			
	Subtotal c						0.11			
	total (a+b+c)						2.49	4163.00	cum	10,382.52
										,
6	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
	3.12.1 Thermo-Mechanically treated bars									
	FE 415									
	Footing			2.15	1.00	78.50	168.93			
	Column			0.34		78.50	26.85			
	total			0.54	1.00	70.50	195.78	54.50	Kg	10,669.96
	wa						173.70	34.30	ng	10,007.70
<u> </u>						L!				

CAL			NIO	MEA	SURE	MEN	O.T.Y.	DATE	IINIIT	ANGENIE
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
7	1.17 Filling from available excavated stuff									
	(Excluding rock) in trenches, plinth, sides									
	of foundation etc. in layers not exceeding									
	20cm in depth consolidating each deposited									
	layer by ramming and watering with a lead									
	Total qty of excavation - sand						0.21			
	filling+PCC+RCC upto GL						9.21			
	total						9.21	38.15	cum	351.21
8	11.2 Providing and making 12mm thick									
	cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6									
	C1(300X300)	4	4	0.30		0.30	1.44			
	total						1.44	91.50	sqm	131.76
9	9.3 Steel work in tubular (round,									
	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting,									
	fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	4	4.50	21.30	-	383.40			
	Truss On Shed									
	Tie Beam 50mm dia @6.19Kg/meter	1	1	6.00	6.19	-	37.14			
	Rafter 50mm dia @6.19Kg/meter	1	2	3.38	6.19	-	41.84			
	Intermediate members 50mm dia	1	2	4.50	6.19	-	55.71			
L	@6.19Kg/meter									
	Purlins 40mm dia @ 4.37Kg/meter (On	1	4	5.50	4.37	-	96.14			
	Top)									
	Gusset Plate, Fixing Bolt and Base Plate						140.00			
	total						754.23	88.50	Kg	66,749.36
							7.00			

SN	DESCRIPTION OF ITEM	NO MEASUREMEN QTY						RATE	UNIT	AMOUNT
	DESCRIPTION OF ITEM		NO	L	В	H/D	QII	KAIL	UNII	AMOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
10	10.12 Supply and fixing of polymer									
	precoated galvalume profile sheets (PPGL)									
	of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both side									
	of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard film of 25 microns minimum to avoid									
	scratches while transportation and should									
	be supplied in single length upto 12 metre									
	or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L									
	PWD S.O.RP-91/I-10.11									
	Roofing		2	3.38	5.50		37.18			
	total						37.18	693.00	sqm	25,765.74
11	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm) Ridge		1	5.50			5.50			
	total		1	3.30			5.50		mtr	3,036.00
	totai						3.30	332.00	111(1	3,030.00
12	10.16.6 Gutter. (600 mm over all girth).									
	Gutter		2	5.50			11.00			
	total						11.00	629.00	mtr	6,919.00
										,
13	14.22 Painting on new work (two or more									
	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	18.00			54.00			
	Truss	2	2	#####			327.00			
	total						381.00	47.00	sqm	17,907.00
	10.7(P. :1: 1. % :									
14	18.76 Providing and fixing on									
	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm)									
	mountaing required counters tointing with									

SN	DESCRIPTION OF ITEM		NO	MEA	SURE	MEN	QTY	RATE	UNIT	AMOUNT		
ыч	DESCRIPTION OF THEM		110	\mathbf{L}	В	H/D	QII	KATE	ONII	AMOUNT		
I	II		III	IV	V	VI	VII	VIII	IX	X		
	18.76.2 110 mm dia pipe.											
	Rain water Pipe		4	4.50			18.00					
	total						18.00	267.00	mtr	4,806.00		
15	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.											
	(BUILDING SOR ITEM NO.12.4/111)		1.00	4.50	3.00	-	13.50	SQ.M	441.00	5953.50		
									Total	161,979.96 4,859.40		
							(GRAND T	FOTAL	166,839.36		

(Ruildi	ing SOR Iten	ns) W.E.F 01/01/2015	.,,,				••)	<u> </u>		
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	(BUILDING SOR ITEM NO. 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-incharge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
		Top Rooof Sheet For Compost Pit shed	2	6.2	27	-	335			
		1					335	SQM	693	232016.40
2		10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
		SLRM FLOORING V	WORK	<u> </u>						
3	(BUILDING SOR ITEM NO. 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00		224.00	-		
		Add 10% Extra	1.00	12.00	27.00	-	324.00 32.40			
		Auu 10/0 EAU					356.40	SQ.M	897.00	319690.80
								Ì		
		SLRM PAINTING V	VORK							

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
4	As per Ammendment no 08, 05/05/2025 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
		INSIDE	2	24	-	1.2	57.60			
			3	9	-	1.2	10.80			
			6	3	-	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1 Total	7.56	Sqm	64.00	13052.16
5	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year				Total	203.94	Sqiii	04.00	13032.10
		OUTSIDE	2	24	-	1.2	57.60			
			1	9	-	1.2	10.80			
		Door Deduct	3	20	-	2.1	60.00 18.90			
		200.20000		3		Total	109.50	Sqm	70.00	7665.00
6	As per Ammendment no 08, 05/05/2025 item no.14.74	Providing and applying priming coat on steel work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc. complete for the work Premium synthetic enamel paint								
		On Steel								
		SLRM Pole & Fence	2	19.0	2.00		76.00			
		Door	1	12.0	2.00		6.30			
		1500	1	2.0	2.10		4.20			
					Total		110.50			
		Add 20% Extra		Ç,,L	Total		22.10 132.60	Sqm	35.00	4641
				540	Total		134.00	Sqiii	55.00	7071
7	As per Ammendment no 08, 05/05/2025 item no.14.76	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					132.60	sqm	43.00	5701.80
		SLRM GATE		<u> </u>	<u> </u>			<u> </u>	<u> </u>	
8	(BUILDING SOR. ITEM NO 9.6.2/80)	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. (BUILDING SOR. ITEM NO 9.6.2/80)								
		GATE	1	4.00	3.00		12.00			
		5.112			KG/SQ		360.00	KG	68.00	24480.00
				l				L	TOTAL	656117.16

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

C N-	DARTICHI AR	NO	T	D	II/D	OTV	LINITE	RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the								
	excavated area), including dressing and leveling of pits.								
	In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with								
	crushed stone aggregate using concrete mixer in all works upto								
	plinth level excluding cost of form work.							(in Rs.) 1 185.00 1 4163.00 54.50 1 863.00 1 806.00 1 471.00	
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
		2		0.20	0.20	0.08			
	Top Slab-	1		1.40	0.10	0.20		1 185.00 1 185.00 1 185.00 1 3263.00 1 863.00 1 806.00 1 471.00	
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work								
	including straightening, cutting, bending, binding etc. complete as								
	per drawings including cost of binding wire all complete: 3.12.1 Thermo-Mechanically treated bars FE 415								
	5.12.1 Thermo-weenancarry treated bars FE 415		Oty acr	er item No	3 2 1	0.39			
	(SOR ITEM NO3.12.1/24)	`	· / 1	50 kg/cum	3.2.1	19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks)								
	confirming to IS:12894-2002 of class designation 4.0 in foundation								
	and plinth in:								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/								
	Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of			1.00	0.30	0.30	CUM		241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of			1.00	0.20	0.20	CUM		94.20
	(BUILDING SOR ITEM NO21.14/201)								
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of excavated stuff								
	upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	7	1	50.0	0.30	0.30	4.50	CUM	195.00	832.50
	In all types of soil (BUILDING SOR ITEM NO1.1/9)	1	30.0	0.30	0.30	4.50	CUM	185.00	652.50
-	`								
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In								
	depth consolidation each deposited layer by ramming and watering								
	with a lead upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
	, , , , , , , , , , , , , , , , , , ,								
8	Providing and filling in open area with sand /crusher dust and hard								
	moorum under floor in layers not exceeding 20 cm in depth and								
	consolidating each deposited layer by ramming and watering,								
	including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10								
	150 mm dia (BUILDING SOR ITEM NO18.76.3/170)	1	50.00	-	-	50.00	RM	440.00	22000.00
								Total Rs.	32001.00

SANITARY REPAIRING

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and							(11113)	(III TtSt)
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								
	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.00
	(BUILDING SOR ITEM NO18.1/160)								
3	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern conforming to IS: 7231, with all fittings and fixtures					• 00		227.00	
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161) Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)								
	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
6	(BUILDING SOR ITEM NO18.76/170) Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°	-					E i CII	112.00	# C # 00
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5	-	-	-	5.00	EACH	154.00	770.00
	Vent covel								
	18.77.3.1 75 mm	4	-	-	-	4.00	EACH	34.00	136.00
	18.77.3.2 110 mm	4	-	-	-	4.00	EACH	44.00	176.00
	Access door cap								
	18.77.4.1 75 mm	10	-	-	-	10.00	EACH	49.50	495.00
	18.77.4.2 110 mm	10	-	-	-	10.00	EACH	59.00	590.00
	18.77.6 Nahani Trap 110	10	_	_	_	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)					10.00			
	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall etc. complete.					40.05			
	18.78.1 75 mm 18.78.2 110 mm	10	-	-	-	10.00	EACH EACH	57.00 61.00	570.00 610.00
					-				

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
		110.	L	В	11/10	QII.	CIVII	(in Rs.)	(in Rs.)
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all								
	CPVC plain & brass threaded fittings i/c fixing the pipe with clamps								
	at 1.00 m spacing. This includes jointing of pipes & fittings with one								
	step CPVC solvent cement and the cost of cutting chases and making								
	good the same including testing of joints complete as per direction of								
	Engineer in Charge.CONCEALED WORK including cutting chases								
	and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00		167.00	835.00
	(BUILDING SOR ITEM NO19.5/176)								
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,								
	having thermal stability for hot & cold water supply including all								
	CPVC plain & brass threaded fittings i/c fixing the pipe with clamps								
	at 1.00 m spacing. This includes jointing of pipes & fittings with one								
	step CPVC solvent cement and testing of joints complete as per								
	direction of Engineer in Charge.INTERNAL WORK - EXPOSED								
	ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	362.00	1,810.00
	(BUILDING SOR ITEM NO19.5/176)								
10	Providing and fixing on wall surface G.I. pipes medium class								
	complete with G.I. fittings and clamps, including cutting, making								
	good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00			5.00	MTR	471.00	2 255 00
		1	5.00	-	-	5.00	MIK	4/1.00	2,355.00
11	(BUILDING SOR ITEM NO19.7/177) Providing and fixing 15 mm nominal bore C.P. brass fittings of								
11	approved make and conforming to IS:8931 including C.P. brass								
	extension if required:								
	extension in required.								
	19.14.1 Bib cock (400 grams)	2	_	-	_	2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00		494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00		398.00	796.00
	19.14.14 Soap dish plate	2	-	-	-	2.00		163.00	326.00
	(BUILDING SOR ITEM NO19.14/179)								
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin								
	including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia					100	E : ~~~	00.50	*= * * *
	(BUILDING SOR ITEM NO18.25.2/164)	4	-	-	-	4.00	EACH	88.50	354.00
13	Providing and fixing 600x450 mm beveled edge 4mm mirror of								
	superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and								
	washers complete.								
	washers complete.								
<u> </u>	(DIHI DING SOD ITEM NO. 10 20/1/4)	2	 			3.00	EACH	500.00	1 100 00
1.	(BUILDING SOR ITEM NO18.29/164)	2	-	-	-	2.00	EACH	599.00	1,198.00
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of								
	and of required shape and size with plastic modified frame of approved make and shade with 6 mm thick hard board backing:								
	approved make and shade with o min timek hard board backing.								
-	10.20.1 % 4:1 .								
	18.30.1 5mm thick mirror	2	0.60	0.60		0.72	SOM	2017.00	1 453 00
1.5	(BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and								
	threading the pipe etc. complete: (dia of main line to be measured)								
	uncading the pipe cic. complete. (that of main fille to be incastifed)								
	19.10.4 50 mm nominal bore	5	<u> </u>	_	_	5.00	EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO19.10/178)	,	-	_	-	3.00	EACH	377.00	1,733.00
L	(BOIDDING SOK ITEM NO-17-10/1/0)		<u> </u>	<u> </u>			<u> </u>	l .	

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):							(in Rs.)	(in Rs.)
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO19.16/179)								
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	_	_	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)	-						102100	1,02000
	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete	1	-	-	-	1.00	ЕАСН	3796.00	3,796.00
	(BUILDING SOR ITEM NO20.28/194)								
19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
								Total Rs.	47,635.00

ELECTRIFICATION WORKS

As Per CG Electrical SOR 2020

S.No	Item No.	s Per CG Electrical SOR 2020 Particulars	Quantity	Unit	Rate	Amount
5.110	Item No.	Wiring for light/ fan/ exhaust fan / call bell point with	Quantity	Unit	Kate	Amount
		3x1.5 sqmm FRLS PVC insulated stranded copper				
		conductor wire for phase, neutral and earth in				
		concealed FRLS PVC conduit (heavy duty, thickness				
1	1.7	of pipe should be 2 mm) with 5/6 amp modular				
		switch,				
		modular base and cover plate, suitable size				
		G.I. box as per specification and IS: 694 (2010), IS:				
	1.7.1	Short Point	8.00	Point	266.00	2128.00
	1.7.2	Medium Point	27.00	Point	424.00	11448.00
	1.7.3	Long Point	8.00	Point	588.00	4704.00
		Extra for providing and fixing light plug point on				
		board in concealed FRLS PVC conduit (heavy duty,				
	1.9	thickness of pipe should be 2 mm) point wiring with modular type 3 pin 5/6 amp socket outlet and 5/6 amp	6.00	Doint	216.00	1296.00
2	1.9	switch including cost of base and cover plate and G.	6.00	Point	216.00	1296.00
		I. box etc. as per specification and IS: 694				
		(2010), IS: 9537 (2000 Part 5)				
		Wiring for circuit/ sub main wiring along with earth				
		wire with the				
		following sizes of FRLS PVC insulated copper				
		conductor, wire in				
3	1.13	concealed FRLS PVC conduit (heavy duty, thickness				
		of pipe should be 2 mm) as per specification and IS: 694				
		(2010), IS: 9537				
		(2000 Part 5)				
	1.13.1	3 X 1.5 sq. mm in 20mm conduit	27.00	Metre	92.00	2484.00
	1.13.8	3 X 10 sq. mm in 25mm conduit	10.00	Metre	270.00	2700.00
		Supplying and fixing of following sizes FRLS PVC				
		conduit (heavy				
	1 15	duty, thickness of pipe should be 2 mm) along with accessories in				
4	1.15	concealed complete as per specification and IS: 9537				
		(2000 Part				
		5)				
	1.15.1	20 mm	80.00	Metre	42.00	3360.00

S.No	Item No.	Particulars	Quantity	Unit	Rate	Amount
5	5.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/cover including connections etc. as per specification.				
	5.1.12	Fan regulator	10.00	Each	130.00	1300.00
6	5.11	Providing and fixing fan clamp made of 3mm thick MS flat on existing iron trusses/ girder including necessary bolts and nuts etc. as per specification.				
			10.00	Each	40.00	400.00
7	6.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 1 star and above, IS: 374:2019 including all amendments.				
	6.1.1	600 mm sweep	10.00	Each	1477.00	14770.00
8	6.19.3	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.				
	6.15.3	18/20 watt {4 feet}	10.00	Each	443.00	4430.00
					Total	49020.00

" SHED EXTENSION - 4.0 X 12.0 "

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
1	Dismantling flag stone flooring laid in cement/lime mortar							(in Rs.)	(in Rs.)
•	including stacking of serviceable material and disposal of								
	unserviceable material within 50 metre lead.								
		1	4.00	12.00		48.00			
	(BUILDING SOR ITEM NO 16.8/146)					48.00	SQ.M	57.00	2736.00
2	Excavation for all types and sizes of foundations, trenches								
	and drains or for any other purpose including disposal of								
	excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m								
	away from the excavated area), including dressing and leveling of pits.								
	F1-	2	1.50	1.50	1.80	8.10			
	(BUILDING SOR ITEM NO1.1.1/9)		1.50	1.50	1.00		CUM	185.00	1499.00
3	Providing and filling in plinth with sand /crusher dust and					8.10	CUM	185.00	1499.00
3	hard moorum under floor in layers not exceeding 20 cm in								
	depth and consolidating each deposited layer by ramming and								
	watering, including dressing etc. complete.								
	F1-	2	1.50	1.50	1.80	8.10			
	Deduction- Sand cushion, pcc,footing,column up to GL-					-2.16			
	F1-	2	1.50	1.50	0.15	0.68			
	Floor	1	4.00	12.00	0.15	7.20			
	(BUILDING SOR. ITEM NO1.18/11)					13.82	CUM	371.00	5125.00
4	Providing and laying nominal mix plain cement concrete								
	with crushed stone aggregate using concrete mixer in								
	foundation, plinth and at ground level excluding cost of form work.								
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate								
	F1-	2	1.50	1.50	0.15	0.68			
	Floor	1	4.00	12.00		4.80			
	(BUILDING SOR. ITEM NO 3.1.3/23)	-	1.00	12.00	0.10		CHM	2970.00	16260.75
5	Providing and laying nominal mix reinforced cement					3.40	COM	2770.00	10200.73
	concrete with crushed stone aggregate using concrete mixer in								
	all works upto plinth level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate								
	20mm nominal size). Grade of Concrete M-20								
	Footing-		1.00	1.2.	0.22				
	F1-	2	1.20	1.20	0.20	0.58			
	Columm upto Ground level-								
	C1-	2	0.30	0.30	1.30	0.23			
	Colunm upto Plinth level-	_				_			

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	C1-	2	0.30	0.30	0.175	0.03			
	Colunm above Plinth level-								
	C1-	2	0.30	0.30	3.000	0.54			
	Kerb wall	2	4.00	0.30	0.200	0.48			
	(BUILDING SOR ITEM NO 3.2/23)					1.86	CUM	4163.00	7749.00
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								
		Qua	ntity as	per iter	n 3.3	1.86			
	(BUILDING SOR. ITEM NO3.12.1/24)		<u>80kg</u>	/cum		148.92	KG	54.50	8116.00
	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below							(in Rs.)	
	Footing-								
	F1-	4	1.20	-	0.20	0.96			
		4	-	1.20	0.20	0.96			
	Colunm upto Ground level-								
	C1-	4	0.30	-	1.30	1.56			
		4	-	0.30	1.30	1.56			
	Colunm upto Plinth level-								
	C1-	4	0.30		0.18	0.21			
		4	-	0.30	0.18	0.21			
	Column above plinth								
	C1-	4	0.30		3.00	3.60			
		4	ı	0.30	3.00	3.60			
	Kerb wall	2	4.00		0.300	2.40			
	(BUILDING SOR ITEM NO 2.1.1/16)					15.06	SQ.M	139.00	2093.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red	NO.	L	В		Q11.	UNII	(in Rs.)	(in Rs.)
	oxide zinc chromate primer. 9.3.2 Electric resistance or induction butt welded tubes Grade-								
	Shed area	1	4.00	12.00	-	48.00			
			351	KG/SQ	M	1680.00	KG	93.50	157080.00
	(BUILDING SOR ITEM NO 9.3.2/80)								
9	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm								
	Top Roof	2	6.20	4.00	-	49.60			
	Side of Truss	1	12.40		1.50	18.60			
						68.20	SQM	693.00	47262.60
	(BUILDING SOR ITEM NO 10.12/91)								
10	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
	10.16.1 Ridges plain (500-600mm)	1	4.00			4.00	MTR	552.00	2208.00
	10.16.6 Gutter. (600 mm over all girth)	2	4.00			8.00	MTR	629.00	5032.00
	(BUILDING SOR ITEM NO 10.16/91)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
11	Painting on new work (two or more coats) to give an even shade with Satin synthetic enamel paint							(III KS.)	(III KS.)
	Shed truss	1	12.00	-	1.50	18.00			
	Runner	2	4.00	0.02		0.15			
	Pole	2	2.10		2.10	8.82			
	(BUILDING SOR. ITEM NO14.22.1/134)					26.97	SQM	55.00	1483.39
12	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	12.00	4.00	-	48.00	SQ.M	441.00	21168.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:								
		1.00	12.00	-	3.00	36.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					36.00	SQ.M	382.00	13752.00
14	Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
	INNER	1.00	12.00	-	3.00	36.00			
	(BUILDING SOR. ITEM NO11.2/103)					36.00	SQ.M	91.50	3294.00
15	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand) OUTER	1.00	10.00		2.00	2600			
		1.00	12.00	-	3.00	36.00			
	(BUILDING SOR. ITEM NO11.3/103)					36.00	~ ~	107.00	3852.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
16	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
	INNER	1.00	12.00	-	3.00	36.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	36.00	SQ.M	64.00	2304.00
	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	12.00	-	3.00	36.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	36.00	SQ.M	70.00	2520.00
							T	otal Rs.	303535.00

" STORAGE SHED - 22.0 X 3.0 M "

~ ~ ~	" STORAGE SH.					0.000	***	RATE	AMOUN
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	T
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of								
	unserviceable material within 50 metre lead.								
		1	22.00	3.00		66.00			
	(BUILDING SOR ITEM NO 16.8/146)					66.00	SQ.M	57.00	3762.00
2	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of excavated								
	stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	F1-	8	1.50	1.50	1.80	32.40			
	(BUILDING SOR ITEM NO1.1.1/9)	0	1.50	1.50	1.00	32.40	CUM	185.00	5994.00
3	Providing and filling in plinth with sand /crusher dust and					32.40	CON	103.00	3771.00
	hard moorum under floor in layers not exceeding 20 cm in								
	depth and consolidating each deposited layer by ramming and								
	F1-	8	1.50	1.50	1.80	32.40			
	Deduction- Sand cushion, pcc, footing, column up to GL-					-6.62			
	F1-	2	1.50	1.50	0.15	0.68			
	Floor	1	22.00	3.00	0.15	9.90			
	(BUILDING SOR. ITEM NO1.18/11)					36.36	CUM	371.00	13490.00
4	Providing and laying nominal mix plain cement concrete with								
	crushed stone aggregate using concrete mixer in foundation,								
	plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate								
	40mm nominal size). M-10								
	F1-	8	1.50	1.50	0.15	2.70			
	Floor	1	22.00	3.00	0.10	6.60			
	(BUILDING SOR. ITEM NO 3.1.3/23)					9.30	CUM	2970.00	27621.00
5	Providing and laying nominal mix reinforced cement concrete								
	with crushed stone aggregate using concrete mixer in all works								
	upto plinth level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20								
	Footing-								
	F1-	8	1.20	1.20	0.20	2.30			
	Colunm upto Ground level-				**-*	2.30			
	C1-	8	0.30	0.30	1.30	0.04			
	Colunm upto Plinth level-		0.50	0.50	1.50	0.94			
	C1-	8	0.30	0.30	0.175	0.12			
	Column above Plinth level-	0	0.30	0.30	0.173	0.13			
	Column above Plinth level-	8	0.30	0.30	3.00				
						2.16			
	Kerb wall	2	28.00	0.30	0.20	3.36			
	(BUILDING COD ITEM NO. 24/20)					0.00	CHIEF	4163.00	
	(BUILDING SOR ITEM NO 3.2/23)					8.89	CUM	4163.00	36992.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete:								
		Qu	antity as	s per ite	m 3.3	8.89			
	(BUILDING SOR. ITEM NO3.12.1/24)		<u>80k</u>	g/cum		710.88	KG	54.50	38743.00
7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below								
	Footing-								
	F1-	16	1.20	-	0.20	3.84			
		16	-	1.20	0.20	3.84			
	Colunm upto Ground level-								
	C1-	16	0.30	-	1.30	6.24			
		16	-	0.30	1.30	6.24			
	Colunm upto Plinth level-								
	C1-	16	0.30		0.175	0.84			
		16	-	0.30	0.175	0.84			
	Column above plinth								
	C1-	16	0.30		3.00	14.40			
		16	-	0.30	3.00	14.40			
	Kerb wall	2	28.00		0.300	16.80			
	(BUILDING SOR ITEM NO 2.1.1/16)					67.44	SQ.M	139.00	9374.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding								
	Shed area	1	22.00	3.00	-	66.00			
			35	SKG/S(QM	2310.00	KG	93.50	215985.00
	(BUILDING SOR ITEM NO 9.3.2/80)								

S.No.	PARTICULAR	NO.	\mathbf{L}	В	H/D	OTY.	UNIT	RATE	AMOUN
		110.	-	D	11/10	ŲII.	OTIT	(in Rs.)	T
9	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation,								
	total coated thickness								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour								
	polyester top coat 18-20 microns and 6-7 microns on bottom.								
	Sheet								
	should have protective guard film of 25 microns minimum to avoid								
	scratches while transportation and should be supplied in single								
	length								
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	fixed using self drilling /self tapping screws of size (5.5x								
	55mm) with								
	EPDM seal or with polymer coated J or L hooks, bolts and nuts								
	Top Roof	1	3.50	22.00	-	77.00			
	Side of Truss	2	3.50		1.50	10.50			
	(DITH DING SOD ITEM NO. 10 12/01)					87.50	SQM	693.00	60637.50
10	(BUILDING SOR ITEM NO 10.12/91) 10.16 Providing and fixing precoated galvanised steel sheet								
10	roofing accessories 0.50 mm +/- 5% total coated thickness								
	(TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel								
	grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self								
	tapping screws or with polymer coated J or L hooks, bolts and								
	10.16.6 Gutter. (600 mm over all girth)	1	22.00			22.00	MTR	629.00	13838.00
	(BUILDING SOR ITEM NO 10.16/91)								
11	Painting on new work (two or more coats) to give an even shade with Satin synthetic enamel paint								
	Shed truss	8	3.00		1.20	20.00			
	Runner	4	4.00	0.02	1.20	28.80 0.30			
	Pole	8	0.47	0.02	2.10	7.91			
	(BUILDING SOR. ITEM NO14.22.1/134)				2.10	37.01	SQM	55.00	2035.78
12	52 mm thick cement concrete flooring with under layer of					07001	54112		
	40mm thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick								
	cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2								
	stone								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	22.00	3.00	-	66.00	SQ.M	441.00	29106.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG								
	Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	25.00	_	3.00	75.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					75.00	SQ.M	382.00	28650.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
14	Providing and making 12mm.thick cement plaster of mix: In Cement Mortar 1:6 (1 Cement: 6 fine Sand)								
	INNER	1.00	25.00	-	3.00	75.00			
	(BUILDING SOR. ITEM NO11.2/103)					75.00	SQ.M	91.50	6862.50
15	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	25.00	-	3.00	75.00			
	(BUILDING SOR. ITEM NO11.3/103)					75.00	SQ.M	107.00	8025.00
16	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door,								
	INNER	1.00	25.00	-	3.00	75.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	75.00	SQ.M	64.00	4800.00
17	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy/Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta, Nerolac Suraksha Plus, Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	25.00	-	3.00	75.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	75.00	SQ.M	70.00	5250.00
								Total Rs.	511166.00

WET WASTE TIPPING SHED AT SWM PLANT (4.00MX3.50M) Based on C. G. P.W.D.BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

	Ва	ased	on C.	G. P.W	D BU	ILDIN	G S.O.R.	IN FORC	CE FROM	1 1 JAN 2015
SN	DESCRIPTION OF ITEM		NO	MEAS	UREN	IENT	QTY	RATE	UNIT	AMOUNT
SIN	DESCRIPTION OF ITEM		NU	L	В	H/D	QII	KAIL	UNII	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
1	Dismantling flag stone flooring laid in									
	cement/lime mortar including stacking of									
	serviceable material and disposal of									
	unserviceable material within 50 metre									
			1	4	12		48			
	(BUILDING SOR ITEM NO 16.8/146)						48	57	Sqm	2,736.00
1	1.1 Excavation for all types and sizes of	•								
	foundations, trenches and drains or for any									
	other purpose including disposal of									
	excavated stuff upto 1.5 m lift and lead									
	1.1.1 In all types of soils.									
	F1(1500X1500)		4	1.50	1.50	1.50	13.50			
	total						13.50	185.00	cum	2,497.50
2	1.18 Providing and filling in plinth with									
	sand/ Crusher dust and hard moorum under									
	floor in layers not exceeding 20cm in depth									
	consolidating each deposited layer by									
	ramming and watering, including									
	dressing etc complete.									
	Footing									
	F1(1500X1500)		4	1.50	1.50	0.10	0.90			
-	total	ı				I	0.90	371.00	cum	333.90
3	3.1 Providing and laying nominal mix plain									
	cement concrete with crushed stone									
	aggregate using concrete mixer in all works									
-	upto plinth level excluding cost of form									
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6									
	graded stone aggregate 40mm nominal									
	Footing			1.50	1.50	0.10	0.00			
	F1(1500X1500)		4	1.50	1.50	0.10	0.90	2050 00		A (=0 00
\vdash	total	ı				ı	0.90	2970.00	cum	2,673.00
<u> </u>										
<u></u>	2.1 P :1: 1 C : C 1									
4	2.1 Providing and fixing form work									
1	including centring, shuttering, strutting,									
	staging, propping bracing etc. complete and									
	including its removal									

CNI	DECODIDATION OF ITEM	NO MEASUREMENT O		OTV	DATE	LINITE	AMOUNT			
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings									
	F1(1500X1500)	2	4	1.30		0.15	1.56			
		2	4		1.30	0.15	1.56			
	Column upto G L									
	C1(300X300)	2	4	0.30		0.65	1.56			
		2	4	0.30		0.65	1.56			
	Column above G L									
	C1(300X300)	2	4	0.30		0.30	0.72			
	,	2		0.30		0.30	0.72			
	total						7.68	139.00	sqm	1,067.52
									~ 4-21	-,0002
5	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal									
	F1(1800X1800)		4	1.30	1.30	0.20	1.35			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		4	1.30	1.50	0.20	0.80			
	*(1.2+0.2)/2))		4			0.20	0.80			
	Subtotal a						2.15			
	Column upto G L						2.13			
	C1(300X300)		4	0.30	0.30	0.65	0.23			
	Subtotal b		4	0.30	0.30	0.03	0.23			
							0.23			
	Column above G L		4	0.20	0.20	0.20	0.11			
	C1(300X300)		4	0.30	0.30	0.30	0.11			
	Subtotal c						0.11	44.62.00		10.202.52
	total (a+b+c)			1			2.49	4163.00	cum	10,382.52
6	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
	3.12.1 Thermo-Mechanically treated bars									
	FE 415									
	Footing			2.15	1.00	78.50	168.93			
	Column			0.34	1.00	78.50	26.85			
	total						195.78	54.50	Kg	10,669.96

~~.			7.10	MEAS	UREM	IENT	0.557	D . EE		
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
7	1.17 Filling from available excavated stuff									
	(Excluding rock) in trenches, plinth, sides									
	of foundation etc. in layers not exceeding									
	20cm in depth consolidating each deposited									
	layer by ramming and watering with a lead									
	Total qty of excavation - sand						9.21			
	filling+PCC+RCC upto GL									
	total			1			9.21	38.15	cum	351.21
8	11.2 Providing and making 12mm thick									
	cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 C1(300X300)	4	4	0.30		0.30	1.44			
-	total	4	4	0.30		0.30	1.44	91.50	sam	131.76
	totai						1,44	91.50	sqm	131./0
9	9.3 Steel work in tubular (round,									
´	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting,									
	fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	4	4.50	21.30	-	383.40			
	Truss On Shed									
	Tie Beam 50mm dia @6.19Kg/meter	1	1	6.00			37.14			
	Rafter 50mm dia @6.19Kg/meter	1					41.84			
	Intermediate members 50mm dia	1	2	4.50	6.19	-	55.71			
	@6.19Kg/meter									
	Purlins 40mm dia @ 4.37Kg/meter (On		4	5.50	4.37	-	96.14			
	Gusset Plate, Fixing Bolt and Base Plate						140.00			
<u> </u>	total						754.23	88.50	Kg	66,749.36

CNI	DECCRIPTION OF ITEM		NO	MEAS	UREN	IENT	O/ENV	D.A.TE		AMOUNT
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
10	10.12 Supply and fixing of polymer									
	precoated galvalume profile sheets (PPGL)									
	of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both side									
	of the sheet and colour polyester top coat									
	18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard									
	film of 25 microns minimum to avoid									
	scratches while transportation and should									
	be supplied in single length upto 12 metre									
	or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L									
	PWD S.O.RP-91/I-10.11									
	Roofing		2	3.38	5.50		37.18			
	total						37.18	693.00	sqm	25,765.74
									•	
11	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm)			7.70			7 7 0			
	Ridge		1	5.50			5.50	772.00		2.026.00
	total						5.50	552.00	mtr	3,036.00
12	10.16.6 Cuttor (600 mm over all cirth)									
12	10.16.6 Gutter. (600 mm over all girth). Gutter		2	5.50			11.00			
	total			3.30			11.00	629.00	mtr	6 010 00
	wai						11.00	047.00	mtr	6,919.00
13	14.22 Painting on new work (two or more									
-	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	18.00			54.00			
	Truss	2	2	109.00			327.00			
	total						381.00	47.00	sqm	17,907.00
14	18.76 Providing and fixing on									
	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS : 13592 (4kg/sqcm)									
	including required counters in inting with									

SN	DESCRIPTION OF ITEM		NO MEASUREMENT QTY RATE UNIT		IINIT	AMOUNT				
SIN	DESCRIPTION OF ITEM		NO	\mathbf{L}	В	H/D	QII	KATE	UNII	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
	18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
15	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.									
	(BUILDING SOR ITEM NO.12.4/111)		1.00	4.50	3.00	-	13.50	SQ.M	441.00	5953.50
									Total	161,979.96
				A	dd 3%	Elect	rical and		_	4,859.40
								SUB	TOTAL	166,839.36

(Build	ing SOR Iten	as) W.E.F 01/01/2015								
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	(BUILDING SOR ITEM NO 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever								
		Top Rooof Sheet For Compost Pit shed	2	6.2	27	-	335			
		1					335	SQM	693	232016.40
2	SOR ITEM	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
		10.10.0 Gatter. (000 min over an girth)	2	21			34	WITK	02)	33700
		SLRM FLOORING	NOD1/							
<u> </u>		23 mm tnick KOTA stone stad Hooring over 20mm	WUKK	<u> </u>						
8	(BUILDING SOR ITEM NO12.49/118)	(Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M								
			1.00	10.00	27.00		22400	1		
<u> </u>		A JJ 1007 E 4	1.00	12.00	27.00	-	324.00			
<u> </u>		Add 10% Extra					32.40 356.40	SOM	897.00	319690.80
							330.40	SQ.IVI	097.00	317070.80
			L	<u> </u>	<u> </u>					

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM PAINTING V	VORK							
	As per Ammendment	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval,								
9	no 08, 05/05/2025 item no.16.62	Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
		INSIDE	2	24	-	1.2	57.60			
			3	9	-	1.2	10.80 108.00			
			6	3	-	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1	7.56	_		100 50 16
10	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of				Total	203.94	Sqm	64.00	13052.16
		door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year OUTSIDE	2	24	-	1.2	57.60 10.80			
			1	20	-	3	60.00			
		Door Deduct	3	3	-	2.1 Total	18.90 109.50	Sqm	70.00	7665.00
11	As per Ammendment no 08, 05/05/2025 item no.14.74	Providing and applying priming coat on steel work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc. complete for the work						~ q	70.00	
		Premium synthetic enamel paint								
		On Steel SLRM Pole & Fence	2	19.0	2.00		76.00			
		SERVITOR & LOICE	1	12.0	2.00		24.00			
		Door	1	3.0	2.10		6.30			
			1	2.0	2.10		4.20			
		Add 20% Extra			Total		110.50 22.10			
		Auu 2070 Exud		Sub	Total		132.60	Sqm	35.00	4641
				240	- 0		152.00	Sqiii	22.00	1011
12	As per Ammendment no 08, 05/05/2025 item no.14.76	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					132.60	sqm	43.00	5701.80
		SLRM GATE			<u> </u>		<u></u>	<u> </u>	<u> </u>	<u> </u>

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
13	SOR. ITEM NO 9.6.2/80)	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
		(BUILDING SOR. ITEM NO 9.6.2/80)								
		GATE	1	4.00	3.00		12.00			
				30	KG/SQ	.M	360.00	KG	68.00	24480.00
									TOTAL	656117.16

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations,							(III 1 x 3.)	(III 1 x 3.)
	trenches and drains or for any other purpose including								
	disposal of excavated stuff upto 1.5 m lift and lead upto								
	50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement								
	concrete with crushed stone aggregate using concrete								
	mixer in all works upto plinth level excluding cost of								
	form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone								
	bottom Beam-	2		0.20	0.20	0.11			
		2		0.20	0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for								
	R.C.C. work including straightening, cutting, bending,								
	binding etc. complete as per drawings including cost of								
	binding wire all complete:	0.1	٠,		2.2.1	0.20			
	(COD ITEMS NO. 2 12 1/2 ()	Qty. a	s per ite		-3.2.1	0.39	T. C	54.50	10/2 75
	(SOR ITEM NO3.12.1/24)		50 kg	<u>/cum</u>		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG								
	Bricks) confirming to IS:12894-2002 of class designation								
	4.0 in foundation and plinth in:	1	4.00	0.20	1.40	1 24	CUM	22(2.00	4205 47
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required								
	layers and thickness, for all leads & lifts, all complete as								
	Stone boulders of size range 5 cm to 20 cm, in recharge	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing	1		1.00	0.40	0.40	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing	1	1.00		0.30	0.30	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)	1	1.00	1.00	0.20	0.20	CUM	4/1.00	94.20
	PIPELINE-								
6	Excavation for an types and sizes of foundations,								
	trenches and drains or for any other purpose including								
	disposal of excavated stuff upto 1.5 m lift and lead upto								
	50m (at least 5m away from the excavated area),								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)	-					· -		532.50
7	Filling from available excavated stuff (Excluding rock) in								
	trenches, plinth, sides of foundation etc. in layers not								
	exceeding 20cm. In depth consolidation each deposited								
	layer by ramming and watering with a lead upto 50M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	1	-	1	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1,18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT SITAMANI/ IMALIDUGGU WARD NO - 8 " NAGAR PALIKA NIGAM, KORBA (C.G.)

**	ST	OR	AC	TE	RC	0	M	* *
		\mathbf{v}			\boldsymbol{I}	, .	LVI	

S. No										
20110	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
		Plot Area	1	13.50	7.00	-	94.50			
						Total	94.50	Sqm	7.20	680.00
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
		Footing								
		F1	8	1.50	1.50	1.80	32.40			
		Below Plinth								
		Long Wall	2	10.70	0.40	0.20	1.71			
		Short Wall	2	4.40	0.40	0.20	0.70			
		step	1	1.20	1.00	0.20	0.24	-	407.00	(40.4.00
3	2	Extra for every additional lift of 1.5 m or part thereof.				Total	35.05	Cum	185.00	6484.00
	1.6.1	All types of soil								
		F1	8	1.50	1.50	0.30	5.40			
						Total	5.40	Cum	26.50	143.00
4	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		Filling At Side 60%					21.03			
_			_	_		Total	21.03	Cum	65.00	1367.00
5	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. F1	8	1.50	1.50	0.10	1.80			

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T (in Rs)
		Floor	1	11.10	4.60	0.50	25.53			
		step	1	1.20	1.00	0.20	0.24			
		Long Wall	2	10.70	0.40	0.10	0.86			
		Short Wall	2	4.40	0.40	0.10	0.35			
						Total	28.78	Cum	371.00	10677.00
		Providing and laying nominal mix plain cement concrete with crushed								
6	3.1	stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		Below Footing								
		F1	8	1.50	1.50	0.10	1.80			
		Floor Area	1	10.70	4.40	0.10	4.71			
		Below Plinth Beam								
		Long Wall	2	10.70		0.10	0.64			
		Short Wall	2	4.40	0.30	0.10	0.26			
		step	1	1.20	1.00	0.10	0.12			
						Total	7.53	Cum	2970.00	22364.00
7	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.								
		Long Wall	2	10.70	0.20	0.05	0.21			
		Short Wall	2	4.40	0.20	0.05	0.09			
						Total	0.30	Cum	4237.00	1271.00
8	3.15	Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.								
		Long Wall	2	10.70		-	4.28			
		Short Wall	2	4.40	0.20		1.76	_		
						Total	6.04	Sqm	93.50	565.00
9	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		Footing								
		F1	8	1.20	1.20	0.30	3.46			
		Column (Upto Ground Level)		0.55	0.7.	1 2 2	0.45			
		C1	8	0.20	0.30	1.30	0.62	2.15		

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T (in Rs.)
		Column(Ground Lvl to Plinth Lvl)								
		C1	8	0.20	0.30	0.60	0.29			
		Column (Abv. Plinth Top to GF Slab Top)								
		C1	8	0.20	0.30	3.10	1.49			
		Plinth Beams								
		Outer at Ground Lvl								
		Long Wall	2	10.70	0.20	0.45	1.93			
		Short Wall	2	4.40	0.20	0.45	0.79			
		Lintel Beam								
		Long Wall	1	10.70	0.20	0.15	0.32			
		Chajja								
		Long Wall	1	11.50	0.60	0.075	0.52			
		Slab Beam								
		Long Wall	2	10.70	0.20	0.45	1.93			
		Short Wall	4	4.40	0.20	0.45	1.58			
		Slab								
		All Area	1	10.90	4.80	0.125	6.54			
						Total	19.47	Cum	4163.00	81054.00
10	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415								
		As per Item No-	1	19.47	-	-	19.47			
						Total	19.47	Cum		
		@ 100kg /Cum of Concrete	1	19.47	X	100.00	1947.00			
		-				Total	1947.00	Kg	54.50	106112.00
11	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
		Footing								
		F1	8	4.80	_	0.30	11.52			
		Column (Upto Ground Level)								
		C1	8	1.00	-	1.30	10.40			
		Column(Ground Lvl to Plinth Lvl)								
		C1	8	1.00	-	0.60	4.80			
		Plinth Beams								
		Outer at Ground Lvl								
		Long Wall	2	10.70	-	0.90	19.26			
		Short Wall	2	4.40	-	0.90	7.92			
						Total	53.90	Sqm	139.00	7492.00

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
	2.1.5	Columns, Pillars, Piers and likes- rectangular or								
		square in shape Column (Abv. Plinth Top to GF Slab Top)								
		C1	8	1.00	-	3.10	24.80			
		CI	0	1.00		Total	24.80	Sqm	297.00	7366.00
						Total	24.00	Sqiii	277.00	7500.00
	2.1.13	Weather shade, chhajja, Cornices and								
		Long Wall	1	11.50	0.60	_	6.90			
		Side	1	12.70	-	0.10	1.27			
						Total	8.17	Sqm	294.00	2402.00
	2.1.8	Beams, lintels, cantilevers & walls								
		Lintel Beam								
		Long Wall	2	10.70	-	0.15	3.21			
		Slab Beam								
		Long Wall	4	10.70	-	0.45	19.26	25.10		
		Short Wall	8	4.40	-	0.45	15.84	35.10	202.00	5530.00
						Total	38.31	Sqm	202.00	7739.00
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		Slab								
		All Area	1	11.30	4.80	-	54.24			
						Total	54.24	Sqm	235.00	12746.00
	2.1.4	Edge of slab, breaks in floor and walls upto 200mm								
		Slab Edges at Slab Lvl	1	32.20	_	_	32.20			
						Total	32.20	Rm	34.00	1095.00
12	7.5	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
		step		1.20	0.90	0.15	0.16			
		step		1.20	0.60	0.15	0.11			
		step	1	1.20	0.30	0.15	0.05	~	22 (2.00	1077.00
						Total	0.32	Cum	3263.00	1057.00
13	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		Above Plinth								

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
		Long Wall		10.70		2.95	12.63			
		Short Wall	2	4.40	0.20	2.95	5.19			
		Parapet	2	11.50		0.60	2.76			
		Delegies	2	4.60	0.20	0.60	1.10			
		Deduction D	2	1.20	0.20	2.10	1.01			
		W	2	1.20	0.20	2.10 1.20	-1.01 -0.72			
		·		1.30	0.20	Total	19.95	Cum	3384.00	67511.00
						Total	17.73	Cuin	3304.00	07311.00
14	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized ransparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:								
	~	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).								
		W	2	1.50	-	1.20	3.60			
						Total	3.60	Sqm		
		For Weight	1	3.60	X	15.00	54.00	Kg		
						Total	54.00	Kg	338.00	18252.00
15	12.79.1 AS PER AMME NDME NT	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.								
		12.79.1 Size 600x600mm						<u> </u>		

G 11	205								RATE	AMOUN
S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
		area								
			1	11.10	4.60		51.06			
		WOTH A 11 05 Hill in the				Total	51.06	Sqm	1082.00	55247.00
		KOTA stone slab 25mm thick in risers and treads of steps, skirting								
		dado and pillar laid in 12mm (Average) thick								
		cement mortar 1:3 (1								
		cement: 3 coarse sand) and jointed with grey								
		cement slurry mixed with								
11	12.50	pigment to match the shade of the slab								
11	12.30	including rubbing and polishing								
		complete. (single stone is to be used for riser and treads of steps and								
		the width of stone for skirting and dado shall be								
		equal to the height of								
		skirting/ dado up to length of 1.0 M.)								
		Steps	4.00	1.20	0.75		3.60		000.00	25(4.00
		Providing and making 6mm thick cement					3.60	sqm	990.00	3564.00
16	11.1	plaster of mix:								
	11.1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
							24.80			
							8.17			
							35.10			
			1	22.20		0.125	54.24			
			1	32.20		Total	4.03 126.34	Sqm	87.00	10991.00
						Total	120.34	Sqiii	87.00	10991.00
1.7	11.2	Providing and making 12mm thick cement								
17	11.2	plaster of mix:								
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			2	11.10		3.00	66.60			
		Deduction	2	4.60		3.00	27.60			
		Deduction	2	1.20		2.10	-5.04			
		W	2	1.50		1.20	-3.60			
		·		1.00		Total	85.56	Sqm	91.50	7829.00
		Providing and making 15mm thick cement								
18	11.3	plaster on the rough side of								
		single or half brick wall of mix:								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		Outer Plaster Long Wall	2	11.50	_	5.10	117.30			
		Short Wall	2	5.00	-	5.10	51.00			
		Deduction		5.00	╁	3.10	51.00	<u> </u>		
		D	2	1.20		2.10	-5.04			
		W	2	1.50		1.20	-3.60			
						Total	159.66	Sqm	107.00	17084.00

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
19	14.1	14.13 Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.								
		As per item No-	16	_	_	-	126.34			
		As per item No-	17	-	-	-	85.56			
		As per item No-	18	-	-	-	159.66			
						Total	371.56	Sqm	94.50	35112.00
20	14.12	Applying one coat of cement primer on wall surface (applied @ 0.80 litrs/10 sqm) complete.								
				-	-	-	371.56			
						Total	371.56	Sqm	23.00	8546.00
21	14.9	Distempering with acrylic washable distemper to give an even shade.								
	14.9.1	On new work (Two or more coats)								
				-	-	-	85.56			
				-	-	-	126.34	~	•••	22.74.22
						Total	211.90	Sqm	38.00	8052.00
22	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:								
	14.15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)								
				-	-	-	159.66			
						Total	159.66	Sqm	56.00	8941.00
23	4.21	Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer								

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.		RATE (in Rs.)	AMOUN T (in Rs.)
			1	11.50	5.00		57.50			
		1			ı	Total	57.50	Sqm	611.00	35133.0
24	8.3	Providing 40x5mm iron hold fast 40cm long								
24	6.5	including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm.								
		DOOR	12	-	_	_	12.00			
						Total	l .	Each	72.50	870.0
25	8.12	Providing and fixing flush door shutters, conforming to IS: 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	8.12.2	35 mm. thick (single leaf)								
	8.15	Extra for double leaf shutter instead of single leaf.								
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	2	1.20	-	2.10 Total		Sqm	2057.00	10367.0
						Total	3.04	Sqiii	2037.00	10307.0
26	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws								
	8.58.2	100x85x5.50 mm (Heavy Type)								
		Providing post water proofing treatment against	12	-	-	-	12.00			
						Total	12.00	Each	195.00	2340.0
27	8.60	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete:								
	10.00.2	250x16mm			Ī	I	I	Ī	Ī	
		Providing post water proofing treatment against	2	_	_		2.00			

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T (in Rs.)
28	8.61	Providing and fixing brass door latch with brass polished MS screws complete:								
	8.61.2	250x16x5 mm								
		Providing post water proofing treatment against	2	-	-	-	2.00			
						Total	2.00	Each	268.00	536.00
29	8.62	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:								
	8.62.2	200x10mm								
		Providing post water proofing treatment against	2	-	-	-	2.00			
						Total	2.00	Each	231.00	462.0
30	8.65	Providing and fixing bright finished brass door handles with brass polished MS screws complete:								
	8.65.1	125 mm								
			4	-	-	-	4.00			
						Total	4.00	Each	55.50	222.0
31	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.								
			2	1.50	-	1.20	3.60			
								Sqm		
		For Qty of steel= Areax30.0 kg/Sqm	1	3.60	X	+	108.00			
						Total	108.00	kg	67.50	7290.0
32	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):								
	9.51.2	With float glass panes of 5 mm thickness								
		As Per Item No-	31	-	-	-	3.60			
						Total	3.60	Sqm	708.00	2549.0

S. No	SOR	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T (in Rs.)
33	14.22	Painting on new work (two or more coats) to give an even shade with:								
	14.22.2	Premium synthetic enamel paint								
		On Steel work								
		As per item No-	0	-	-	-	3.60			
		On Wood work								
			2	1.20	X	2.10	5.04			
						Total	8.64	Sqm		
		For Area for Painting	1	8.64	X	2.50	21.60			
						Total	21.60	Sqm	47.00	1015.0
34	9.37	Providing and fixing M.S. fan clamp/ hook for ceiling fan made out of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop.		-	-	-	6.00			
						Total		Each	97.00	582.0
						10001	0.00	Lacii	700	302.0
									Total Rs.	573797.00
		A	dd 159	% Extr	a For	Electrica	l and Plu	ımbing	Work Rs	86069.55
								Grand	Total Rs.	659866.55

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT SITAMANI/ IMALIDUGGU WARD NO - 8 " NAGAR PALIKA NIGAM, KORBA (C.G.)

WET WASTE TIPPING SHED AT SWM PLANT (4.00MX3.50M)

Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

		Dus		MEASU			0 5.0.R.	IIII	OL I ROIV	1 1 JAN 2013
SN	DESCRIPTION OF ITEM		NO	L	B	H/D	QTY	RATE	UNIT	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
1	Dismantling flag stone flooring laid in									
	cement/lime mortar including stacking of									
	serviceable material and disposal of									
	unserviceable material within 50 metre									
			1	4	12		48			
	(BUILDING SOR ITEM NO 16.8/146)						48	57	Sqm	2,736.00
1	1.1 Excavation for all types and sizes of									
	foundations, trenches and drains or for any									
	other purpose including disposal of									
	excavated stuff upto 1.5 m lift and lead									
	1.1.1 In all types of soils.			1.50	1.50	1.50	12.50			
	F1(1500X1500)		4	1.50	1.50	1.50	13.50	107.00		2 40 7 70
-	total		ı				13.50	185.00	cum	2,497.50
	1 10 D '1' 1 CH' ' 1' 4 '4									
2	1.18 Providing and filling in plinth with									
	sand/ Crusher dust and hard moorum under									
	floor in layers not exceeding 20cm in depth									
	consolidating each deposited layer by ramming and watering, including									
	ramming and watering, including dressing etc complete.									
-	•									
	Footing			1.50	1.50	0.10	0.00			
	F1(1500X1500)		4	1.50	1.50	0.10	0.90	251.00		222.00
	total		l				0.90	371.00	cum	333.90
3	3.1 Providing and laying nominal mix plain									
3	cement concrete with crushed stone									
	aggregate using concrete mixer in all works									
	upto plinth level excluding cost of form									
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6									
	graded stone aggregate 40mm nominal									
	Footing									
	F1(1500X1500)		4	1.50	1.50	0.10	0.90			
	total			1.50	1.50	0.10		2970.00	cum	2,673.00
	totai						0.70	2770.00	Cum	2,073.00
4	2.1 Providing and fixing form work									
'	including centring, shuttering, strutting,									
	staging, propping bracing etc. complete and									
	including its removal									
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	shape and size and an type of wan below		l .							

SN	DESCRIPTION OF ITEM					ENT	OTV	RATE	UNIT	AMOUNT
T			NO	L	В	H/D	QTY			
	II		III	IV	V	VI	VII	VIII	IX	X
	Footings			1.00		0.45				
l	F1(1500X1500)	2	4	1.30	1.20	0.15	1.56			
		2	4		1.30	0.15	1.56			
	Column upto G L			0.20		0.65	1.76			
(C1(300X300)	2	4	0.30		0.65	1.56			
		2	4	0.30		0.65	1.56			
	Column above G L			0.20		0.20	0.70			
(C1(300X300)	2	4	0.30		0.30	0.72			
		2	4	0.30		0.30	0.72	120.00		1.045.50
<u> </u> t	total						7.68	139.00	sqm	1,067.52
	22 D : 1 1 1 :									
	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal				4.5	0.5				
	F1(1800X1800)		4	1.30	1.30		1.35			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*		4			0.20	0.80			
((1.2+0.2)/2))									
	Subtotal a						2.15			
	Column upto G L									
(C1(300X300)		4	0.30	0.30	0.65	0.23			
	Subtotal b						0.23			
(Column above G L									
(C1(300X300)		4	0.30	0.30	0.30	0.11			
	Subtotal c						0.11			
t	total (a+b+c)						2.49	4163.00	cum	10,382.52
	Providing and placing in position									
	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	oinding wire in foundation and plinth all									
(complete:									
	3.12.1 Thermo-Mechanically treated bars									
J	FE 415									
	Footing			2.15		78.50	168.93			
(Column			0.34	1.00	78.50	26.85			
t	total						195.78	54.50	Kg	10,669.96
7 1	1.17 Filling from available excavated stuff									
((Excluding rock) in trenches, plinth, sides									
	of foundation etc. in layers not exceeding									
	20cm in depth consolidating each deposited									
1	ayer by ramming and watering with a lead									
-	Total qty of excavation - sand						0.21			
' I	* -						9.21			
	filling+PCC+RCC upto GL					I				

SN	DESCRIPTION OF ITEM		NO	MEASU	JREM	ENT	OTV	RATE	UNIT	AMOUNT
SIN	DESCRIPTION OF ITEM		NU	L	В	H/D	QTY	KAIL	UNII	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
8	11.2 Providing and making 12mm thick									
	cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6									
	C1(300X300)	4	4	0.30		0.30	1.44			
	total						1.44	91.50	sqm	131.76
	9.3 Steel work in tubular (round,									
	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting,									
	fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	4	4.50	21.30	-	383.40			
	Truss On Shed									
	Tie Beam 50mm dia @6.19Kg/meter	1	1	6.00	6.19	-	37.14			
	Rafter 50mm dia @6.19Kg/meter	1	2	3.38	6.19	-	41.84			
	Intermediate members 50mm dia	1	2	4.50	6.19	-	55.71			
	@6.19Kg/meter									
	Purlins 40mm dia @ 4.37Kg/meter (On	1	4	5.50	4.37	-	96.14	_		
	Gusset Plate, Fixing Bolt and Base Plate						140.00	_		
	total						754.23	88.50	Kg	66,749.36
								_		

SN	DESCRIPTION OF ITEM		NO	MEASU	REM	ENT	QTY	RATE	UNIT	AMOUNT
\vdash				L	В	H/D				
I	II		III	IV	V	VI	VII	VIII	IX	X
	10.12 Supply and fixing of polymer									
1 1	precoated galvalume profile sheets (PPGL)									
	of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both side									
	of the sheet and colour polyester top coat									
	18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard									
	film of 25 microns minimum to avoid									
	scratches while transportation and should									
	be supplied in single length upto 12 metre									
	or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L									
	PWD S.O.RP-91/I-10.11	_								
-	Roofing	_	2	3.38	5.50		37.18			
	total			3.30	0.00		37.18	693.00	sqm	25,765.74
 '		_					57.10	570.00	Sqiii	_0,100,17
11 1	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
1 1	polyester top coat 15-18 microns using self									
1	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm)									
F	Ridge		1	5.50			5.50			
t	total						5.50	552.00	mtr	3,036.00
12 1	10.16.6 Gutter. (600 mm over all girth).									
	Gutter		2	5.50			11.00			
t	total						11.00	629.00	mtr	6,919.00
	14.22 Painting on new work (two or more									
	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
-	On Steel Structure									
	pole	2	2	18.00			54.00			
	Γruss	2	2	109.00			327.00			48.00= - :
t	total I	-	T				381.00	47.00	sqm	17,907.00
14 1	19.74 Dressiding of J. Coin-	\dashv								
	18.76 Providing and fixing on									
	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm)									
	including required couplers jointing with									
1	18.76.2 110 mm dia pipe.									
-	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00

SN	DESCRIPTION OF ITEM		NO	MEASU	JREM	ENT	QTY	RATE	UNIT	AMOUNT
511	DESCRIPTION OF ITEM		110	\mathbf{L}	В	H/D	li	KATE	UNII	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.									
	(BUILDING SOR ITEM NO.12.4/111)		1.00	4.50	3.00	-	13.50	SQ.M	441.00	5953.50
									TF 4 1	1(1,070,0)
					44 20	/ Elect	tuinal amá	l Dlumbin	Total	
				A	Maa 3%	o Elect	tricai and			4,859.40
Add 3% Electrical and Plumbing Work GRAND TOTAL										

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT SITAMANI/ IMALIDUGGU WARD NO - 8 " NAGAR PALIKA NIGAM, KORBA (C.G.)

(Buildin	g SOR Items) W.E.F 01/01/2015								
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM FLOOF	RING V	WORK						
2	(BUILDING SOR ITEM NO. 12.49/118)	(Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of cleb to be ever 0.20 SO M and upto 0.50 SO M)								
			1.00	12.00	27.00		324.00			
		Add 10% Extra	1.00	12.00	27.00	-	324.00			
		WW 177					356.40	SQ.M	897.00	319690.80
		52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm								
3	(BUILDING SOR ITEM NO.12.4/111)	thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc.								
		complete Front & Back Side	2.00	34.00	2.50	_	170.00			
		Tronco Buen one		- 1100			170.00	SQ.M	441.00	74970.00
	1	SLRM PAINT	ING V	VORK				<u> </u>		
4	As per Ammendment no 08, 05/05/2025 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article								
		INSIDE	2	24	-	1.2	57.60			
			3	9	-	1.2	10.80 108.00			
			6	3	-	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1 Total	7.56 203.94	Sqm	64.00	13052.16
5	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type - 2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools	2	24		1.2	57.60	эцш	04.00	13032.10

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
			1	9	-	1.2	10.80			
			1	20	-	3	60.00			
		Door Deduct	3	3	-	2.1	18.90			
6	As per Ammendment no 08, 05/05/2025 item no.14.74	with red Oxide/ zinc phosphate primer applied @ 0.50 lit/Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc.				Total	109.50	Sqm	70.00	7665.00
	10.14.74	Premium synthetic enamel paint On Steel								
		SLRM Pole & Fence	2	19.0	2.00		76.00			
			1	12.0	2.00		24.00			
		Door	1	3.0	2.10		6.30			
			1	2.0	2.10		4.20			
					Total		110.50			
		Add 20% Extra					22.10			
				Sub	Total		132.60	Sqm	35.00	4641
7	As per Ammendment no 08, 05/05/2025 item no.14.76	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for					132.60	sqm	43.00	5701.80
									TOTAL	425720.76

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT SITAMANI/ IMALIDUGGU WARD NO - 8" NAGAR PALIKA NIGAM, KORBA (C.G.)

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

C N	D. DTICHY I D	NO	_		TT (T)	O/DX/	T IN IT IT	RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of excavated								
	stuff upto 1.5 m lift and lead upto 50m (at least 5m away from								
	the excavated area), including dressing and leveling of pits.								
	In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete								
	with crushed stone aggregate using concrete mixer in all works								
	upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate								
	20mm nominal size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
	bottom Beam-	2		0.20	0.20	0.11			
	Top Slab-	1		1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)	-	1.40	1.40	0.10	0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C.					0.07	CON	1100.00	1020.37
	work including straightening, cutting, bending, binding etc.								
	complete as per drawings including cost of binding wire all								
	complete:								
		Qty. a	s per ite	em No.	3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)		50 kg/	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks)								
	confirming to IS:12894-2002 of class designation 4.0 in								
	foundation and plinth in:								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/								
	Gravels/ Coarse sand, in recharge pit, in the required layers								
	and thickness, for all leads & lifts, all complete as per								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1		1.00	0.40	0.40		863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer			1.00	0.30	0.30		806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)								
-	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from								
	the excavated area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)	1	50.0	0.50	0.50	7.50	C 01 /1	103.00	052.50
7	Filling from available excavated stuff (Excluding rock) in								
'	trenches, plinth, sides of foundation etc. in layers not								
	exceeding 20cm. In depth consolidation each deposited layer								
	by ramming and watering with a lead upto 50M. And lift upto								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	, ,								
	(BUILDING SOR ITEM NO1.17/11)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT SITAMANI/ IMALIDUGGU WARD NO - 8 " NAGAR PALIKA NIGAM, KORBA (C.G.)

SANITARY REPAIRING

								DATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:							(III KS.)	(iii R3.)
	10.42.61					1.00	E. CII	2502.00	2 702 00
	18.4.2 Coloured pedestal type (BUILDING SOR ITEM NO18.4/161)	1	-	-	-	1.00	EACH	3592.00	3,592.00
	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.00
3	(BUILDING SOR ITEM NO18.1/160) Providing and fixing 10 litre capacity P.V.C. low level flushing cistern								
	conforming to IS: 7231, with all fittings and fixtures complete.								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)								,
	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)								
	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
6	(BUILDING SOR ITEM NO18.76/170) Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00		113.00	565.00
	18.77.1.2 110 mm	5	-	-	-	5.00	EACH	154.00	770.00
	Vent covel	4				4.00	EACH	24.00	126.00
	18.77.3.1 75 mm	4	-	-	-	4.00		34.00	136.00
	18.77.3.2 110 mm Access door cap	4	-	-	-	4.00	EACH	44.00	176.00
	18.77.4.1 75 mm	10	_	_	_	10.00	EACH	49.50	495.00
	18.77.4.2 110 mm	10	-	-	-	10.00	EACH	59.00	590.00
	18.77.6 Nahani Trap 110		-	-	-	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall etc. complete.							(III KS.)	(m Ks.)
	40	- 10				10.00			
	18.78.1 75 mm 18.78.2 110 mm	10	-	-	-	10.00 10.00	EACH EACH	57.00 61.00	570.00 610.00
	(BUILDING SOR ITEM NO18.78/171)	10				10.00	EACH	01.00	010.00
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	_	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	167.00	835.00
9	(BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	_	-	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	362.00	1,810.00
10	(BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	_	_	5.00	MTR	471.00	2,355.00
11	(BUILDING SOR ITEM NO19.7/177) Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								,
	19.14.1 Bib cock (400 grams)	2				2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00		494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate (BUILDING SOR ITEM NO19.14/179)	2	-	-	-	2.00	EACH	163.00	326.00
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
<u> </u>	18.25.2 40 mm dia					1.00	B	00 #0	25.00
13	(BUILDING SOR ITEM NO18.25.2/164) Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	4	-	-	-	4.00	EACH	88.50	354.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
	(BUILDING SOR ITEM NO18.29/164)	2				2.00	EACH	(in Rs.) 599.00	(in Rs.) 1,198.00
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:		-	-	-	2.00	EACH	399.00	1,170.00
	18.30.1 5mm thick mirror								
	(BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								
	19.10.4 50 mm nominal bore	5	-	-	-	5.00	EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO19.10/178)								
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
<u> </u>	(BUILDING SOR ITEM NO19.16/179)								
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	_	_	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)								
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	20.26.1 Inside dimensions 433x010 mm and 43 cm deep for single pipe	1		_		1.00	EACH	3796.00	3,796.00
	(BUILDING SOR ITEM NO20.28/194)	1	-	-	_	1.00	EACH	3770.00	3,770.00
19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	_	_	-	1000.00	LTR	7.30	7,300.00
	/								,= : : : •
								Total Rs.	47,635.00

"SHED FOR BALED & RECYCLABLE MATERIAL - 32.0 X 3.0 M"

	" SHED FOR BALED & RECYCLA	ABL.	E MA	TERI	AL - 3	32.0 X 3.0	<u>M "</u>		
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material								
	within 50 metre lead.	1	35.00	3.00		105.00			
	(BUILDING SOR ITEM NO 16.8/146)	1	33.00	3.00		105.00	SQ.M	57.00	5985.00
	(BUILDING SOR ITEM NO 10.0/140)					103.00	5Q.WI	37.00	3703.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	F1-	11	1.50	1.50	1.80	44.55			
	(BUILDING SOR ITEM NO1.1.1/9)					44.55	CUM	185.00	8242.00
3	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.	11	1.50	1.50	1.00	44.55			
	F1-	11	1.50	1.50	1.80	44.55 -11.88			
	Deduction- Sand cushion, pcc,footing,column up to GL- F1-	11	1.50	1.50	0.15	3.71			
	Floor	1	35.00	3.00	0.15	15.75			
	(BUILDING SOR. ITEM NO1.18/11)	-	33.00	3.00	0.13	52.13	CUM	371.00	19341.00
4	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size). M-10								
	F1-	11	1.50	1.50	0.15	3.71			
	(BUILDING SOR. ITEM NO 3.1.3/23)					3.71	CUM	2970.00	11026.13
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20								
	Footing-		1.00	1.20	0.20	2.17			
	F1- Colunm upto Ground level-	11	1.20	1.20	0.20	3.17			
	Column upto Ground Tevel-	11	0.30	0.30	1.30	1.29			
	Column upto Plinth level-	11	0.50	0.50	1.50	1.27			
	C1-	11	0.30	0.30	0.175	0.17			
	Colunm above Plinth level-								
	C1-	11	0.30	0.30	3.00	2.97			
	Ground Beam	2	41.00	0.30	0.20	4.92		<u> </u>	
6	(BUILDING SOR ITEM NO 3.2/23) Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415					12.52	CUM	4163.00	52113.00
		Qι	antity a		m 3.3	12.52	***		
	(BUILDING SOR. ITEM NO3.12.1/24)		<u>80k</u>	g/cum		1001.46	KG	54.50	54580.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
7		110.			11, 12	Q11.	CTVII	(in Rs.)	(in Rs.)
/	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its								
	removal at all levels, for:								
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain								
	wall in any shape and size and all type of wall below plinth level.								
	Footing- F1-	22	1.20	_	0.20	5.28			
	rı-	22	1.20	1.20	0.20	5.28			
	Colunm upto Ground level-			1.20	0.20				
	C1-	22	0.30	-	1.30	8.58			
		22	-	0.30	1.30	8.58			
	Colunm upto Plinth level-	22	0.30		0.175	1.16			
	CI-	22	-	0.30	0.175	1.16			
	Column above plinth								
	C1-	22	0.30		3.00	19.80			
	C IP	22	- 41.00	0.30	3.00	19.80			
	Ground Beam	2	41.00		0.300	24.60			
	(BUILDING SOR ITEM NO 2.1.1/16)					94.23	SQ.M	139.00	13098.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes								
	etc.)								
	structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level,								
	consisting of columns trusses, roof and bottom purlins, base plate,								
	holding								
	down bolts, wind ties bracing (if required), bolts, nuts and washers for								
	fastening etc. complete with applying a priming coat of red oxide zinc								
	chromate primer. 9.3.2 Electric resistance or induction butt welded tubes Grade-300								
	Shed area	1	32.00	3.00		96.00			
	Sucu area	1		SKG/SQ)M	3360.00	KG	93.50	314160.00
	(BUILDING SOR ITEM NO 9.3.2/80)								
9	10.12 Supply and fixing of polymer precoated galvalume profile sheets								
	(PPGL) of approved size, shape and pitch of corrugation, total coated								
	thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and								
	colour								
	polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet								
	should have protective guard film of 25 microns minimum to avoid								
	scratches while transportation and should be supplied in single length								
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with								
	EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm								
	diameter with bitumen and G.I. limpet washers or with G.I. limpet								
	washers								
	filled with white lead complete upto any pitch in horizontal/vertical or curved surfaces excluding the cost of purlins, rafters and trusses and								
	including cutting to size and shape wherever required.								
			2.00	22.00		06.00			
	Top Roof Side of Truss	2	3.00	32.00	1.50	96.00 9.00			
	Side of Truss		5.00		1.50	105.00	SQM	693.00	72765.00
	(BUILDING SOR ITEM NO 10.12/91)								50.00
10	10.16 Providing and fixing precoated galvanised steel sheet roofing								
	accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating								
	120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns								
	using self drilling/ self								
i			ĺ	Ì	1				
	tapping screws or with polymer coated J or L hooks, bolts and nuts and								
	tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
	10.16.6 Gutter. (600 mm over all girth)	1	32.00			32.00	MTR	629.00	20128.00
	(BUILDING SOR ITEM NO 10.16/91)								
11	Painting on new work (two or more coats) to give an even shade with								
	Satin synthetic enamel paint								
	Shed truss	11	3.00	-	1.20	39.60			
	Runner	4	4.00	0.02		0.30			
	Pole	11	0.47		2.10	10.88			
	(BUILDING SOR. ITEM NO14.22.1/134)					50.78	SQM	55.00	2792.98
12	52 mm thick cement concrete flooring with under layer of 40mm thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick cement								
	metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone								
	aggregate of 6 mm size by volume) with metallic hardening compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1								
	metallic floor hardening compound by weight) including finishing etc.								
	complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	32.00	3.00	-	96.00	SQ.M	441.00	42336.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG								
	Bricks) confirming to IS:12894-2002 of class designation 4.0 in								
	superstructure above plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	41.00	-	3.00	123.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					123.00	SQ.M	382.00	46986.00
14	Providing and making 12mm.thick cement plaster of mix:								
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
	INNER	1.00	41.00	-	3.00	123.00			
	(BUILDING SOR. ITEM NO11.2/103)					123.00	SQ.M	91.50	11254.50
15	Providing and making 15mm.thick cement plaster on the rough side of								
	single or half brickwall of mix.								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	41.00	-	3.00	123.00			
	(BUILDING SOR. ITEM NO11.3/103)					123.00	SQ.M	107.00	13161.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
16	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
	INNER	1.00	41.00	-	3.00	123.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	123.00	SQ.M	64.00	7872.00
17	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	41.00	-	3.00	123.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	123.00	SQ.M	70.00	8610.00
								Total Rs.	704451.00

WET WASTE TIPPING SHED AT SWM PLANT (5.00MX6.00M) Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

	Base	d on	C. G				S.O.R. II	N FORCE		<u> 1 1 JAN 2015</u>
SN	DESCRIPTION OF ITEM		NO	MEAS		_	QTY	RATE	UNI	AMOUNT
	DESCRIPTION OF THEM			L	В	H/D			T	
I	II		III	IV	V	VI	VII	VIII	IX	X
1	1.1 Excavation for all types and sizes of									
	foundations, trenches and drains or for any									
	other purpose including disposal of									
	excavated stuff upto 1.5 m lift and lead									
	1.1.1 In all types of soils.									
	F1(1500X1500)		8	1.50	1.50	1.50	27.00			
	total						27.00	185.00	cum	4,995.00
2	1.18 Providing and filling in plinth with									
	sand/ Crusher dust and hard moorum under									
	floor in layers not exceeding 20cm in depth									
	consolidating each deposited layer by									
	ramming and watering, including									
	dressing etc complete.									
	Footing									
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total						1.80	371.00	cum	667.80
3	3.1 Providing and laying nominal mix plain									
	cement concrete with crushed stone									
	aggregate using concrete mixer in all works									
	upto plinth level excluding cost of form									
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6									
	graded stone aggregate 40mm nominal									
	Footing									
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total				- 10 0			2970.00	cum	5,346.00
							1,00		• • • • • • • • • • • • • • • • • • • •	2,2 1000
4	7.5 Brick work with modular fly-ash lime									
Ι.	bricks (FaLG Bricks) confirming to									
	IS:12894-2002 of class designation 4.0 in									
	foundation and plinth in:									
	7.5.4 Cement Mortar 1:6 (1 cement : 6									
	Below Plinth Level									
	L Wall		4	2 14	0.30	0.30	0.77			
	X Wall		4		0.30					
	21 11 411		1		0.30		0.93			
	total	<u> </u>	1	+.50	0.50	0.50		3263.00	oum	6,959.98
	เบเลา						2.13	3203.00	cum	0,959.98

SN	DESCRIPTION OF ITEM		NO	MEAS	UREN	1ENT	OTV	DATE	UNI	AMOUNT
SIN	DESCRIPTION OF ITEM		NU	L	В	H/D	QTY	RATE	T	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
	2.1 Providing and fixing form work									
	including centring, shuttering, strutting,									
	staging, propping bracing etc. complete and									
	including its removal									
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings									
-	F1(1500X1500)	2	8	1.30		0.15	3.12			
	(2	8		1.30	0.15	3.12			
	Column upto G L		H		1.50	0.10	3.12			
	C1(300X300)	2	8	0.30		0.65	3.12			
	C1(5002 X 500)	2	8	0.30		0.65	3.12			
	Column above G L		0	0.30		0.03	3.12			
			0	0.20		0.20	1 44			
\vdash	C1(300X300)	2		0.30		0.30	1.44			
\vdash		2	8	0.30		0.30	1.44			
	Plinth Beam		Щ			0.00				
-	L Wall	2	4	2.14		0.30	5.14			
	X Wall	2		2.64		0.30	6.34			
		2	1	4.58		0.30	2.75			
	total						29.58	139.00	sqm	4,111.62
6	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal									
	F1(1500X1500)		8	1.30	1.30	0.20	2.70			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		8	1.50	1.50	0.20	1.60			
	*(1.2+0.2)/2))					0.20	1.00			
	Subtotal a		$\vdash\vdash$				4.30			
	Column upto G L		$\vdash\vdash$				4.50			
			8	0.20	0.30	0.65	0.47			
	C1(300X300)		8	0.30	0.30	0.03				
	Subtotal b		\vdash				0.47			
	Column above G L			0.20	0.20	0.20	0.00			
igsqcup	C1(300X300)		8	0.30	0.30	0.30	0.22			
igspace	Subtotal c		igspace				0.22			
-	Plinth Beam		ш							
	L Wall		4		0.30		0.77			
	X Wall		4		0.30		0.95			
			1	4.58	0.30	0.30	0.41			
	Subtotal d						2.13			
	total (a+b+c)						7.12	4163.00	cum	29,644.72

SN	DESCRIPTION OF ITEM		NO	MEAS	UREN	TENT	QTY	RATE	UNI	AMOUNT
SIN	DESCRIPTION OF ITEM		NU	L	В	H/D	QII	KAIL	T	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
7	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
	3.12.1 Thermo-Mechanically treated bars									
	FE 415									
	Footing			4.30	1.00	78.50	337.86			
	Column			0.68	1.00	78.50	53.69			
	Plinth Beam			2.13	1.00	78.50	167.44			
	total						559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff									
	(Excluding rock) in trenches, plinth, sides									
	of foundation etc. in layers not exceeding									
	20cm in depth consolidating each deposited									
	layer by ramming and watering with a lead									
	upto 50 M.									
	Total qty of excavation - sand						16.28			
	filling+PCC+RCC upto GL						16.28			
	total						16.28	38.15	cum	621.04
9	11.2 Providing and making 12mm thick									
	cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6									
	C1(300X300)	4	8	0.30		0.30	2.88			
	total						2.88	91.50	sqm	263.52

SN	DESCRIPTION OF ITEM		NO	MEAS	UREN	IENT	OTV	RATE	UNI	AMOUNT
311	DESCRIPTION OF ITEM		NU	L	В	H/D	QTY	KAIL	T	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
10	11.3 Providing and making 15mm thick									
	cement plaster on the rough side of single 11.3.3 In Cement Mortar 1:5 (1 cement : 5									
	fine sand)									
	External Wall	1	2	5.00		0.60	6.00			
	Enternal Wall	1	2	6.00		0.60	7.20			
	total						13.20	113.00	sqm	1,491.60
									~ 1	
11	14.9 Distempering with acrylic washable									
	distemper to give an even shade.									
	14.9.1 On new work (Two or more coats)									
	Area of Internal Wall									
	Area of Plaster						2.88			
	total		-				2.88	38.00	sqm	109.44
12	14.14 Finishing walls with water proofing									
	cement paint of required shade to give an									
	14.14.1 On new work (Two or more coats									
	applied @ 3.84 kg/10 sqm)									
	External Wall						12.20			
	Area of External Plaster						13.20	11.00		
	total			1			13.20	41.00	sqm	541.20
12	0.2 0.1 1 1 1 1 1 1									
13	9.3 Steel work in tubular (round,									
	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting, fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	8	4 50	21.30	_	766.80			
	Truss On Shed	1		1.50	21.50		700.00			
	Tie Beam 50mm dia @6.19Kg/meter	4	1	7 00	6.19	-	173.32			
	Rafter 50mm dia @6.19Kg/meter	4	2	4.35			215.41			
	Intermediate members 50mm dia	4	_		6.19		227.79			
	@6.19Kg/meter	·	 				,,,,			
	Purlins 40mm dia @ 4.37Kg/meter (On	2	2	8.00	4.37	-	139.84			
	Top)		 	2.00	,		22.01			
	Gusset Plate, Fixing Bolt and Base Plate						180.00			
	total						1703.16	88.50	Kg	150,729.66
								22.23	8	- 0,2,00

CNI	DESCRIPTION OF ITEM		NO	MEAS	UREN	IENT	OTV	DATE	UNI	AMOUNT
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	T	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
	10.12 Supply and fixing of polymer									
	precoated galvalume profile sheets (PPGL)									
	of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both side									
	of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard									
	film of 25 microns minimum to avoid									
	scratches while transportation and should									
	be supplied in single length upto 12 metre									
	or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L									
	PWD S.O.RP-91/I-10.11									
	Roofing		2	3.82	8.00		61.12			
	total						61.12	693.00	sqm	42,356.16
15	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with 10.16.1 Ridges plain (500-600mm)									
	Ridge		1	8.00			8.00			
	total		_	0.00			8.00	552.00	mtr	4,416.00
	total						0.00	332.00	11111	1,110.00
16	10.16.6 Gutter. (600 mm over all girth).									
	Gutter		2	8.00			16.00			
	total						16.00	629.00	mtr	10,064.00
17	14.22 Painting on new work (two or more									
	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	36.00			108.00			
	Truss	2	2	157.68			473.04			
	total			1			581.04	47.00	sqm	27,308.88
10	10.76 Draviding and Coin-									
18	18.76 Providing and fixing on wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm)									
	including required counters jointing with									

SN	DESCRIPTION OF ITEM	NO	MEAS	UREM	IENT	OTV	RATE	UNI	AMOUNT
SIN	DESCRIPTION OF ITEM	NO	L	В	H/D	QTY	KAIL	T	AMOUNT
I	II	III	IV	V	VI	VII	VIII	IX	X
	18.76.2 110 mm dia pipe.								
	Rain water Pipe	4	4.50			18.00			
	total					18.00	267.00	mtr	4,806.00
19	12.4 52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of								
		1	5.00	6.00		30.00			
	total					30.00	441.00	sqm	13,230.00
								Total	338,128.04
			Add	13% E	Electric	cal and P	lumbing `	Work	10,143.84
							SUB TO	OTAL	348,271.89

(Building SOR Items) W.E.F. - 01/01/2015

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	(BUILDING SOR ITEM NO. 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
		Top Rooof Sheet For Compost Pit shed	2	6.2	27	-	335			
		1					335	SQM	693	232016.40
2	(BUILDING SOR ITEM NO. 10.16/91)	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500,600mm)	1	27			27	MTR	552	14904
		10.16.1 Ridges plain (500-600mm) 10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
		20.10.0 Sauct. (000 mm over un girur)					<u> </u>		02)	33700
		SLRM FLOORING V	ORK							
8	(BUILDING SOR ITEM NO. 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00	-	324.00			
		Add 10% Extra					32.40			
							356.40		897.00	319690.80

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM PAINTING W	ORK							
9	As per Ammendment no 08, 05/05/2025 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as								
		INSIDE	2	24	-	1.2	57.60			
			1	9	-	1.2	10.80			
			6	3	-	3	54.00			
		Door Deduct	3	3	_	2.1	18.90			
		Bool Bedder	4	0.9	-	2.1	7.56			
						Total	203.94	Sqm	64.00	13052.16
10	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type - 2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
		OUTSIDE	2	24	-	1.2	57.60			
<u> </u>			1	9 20	-	1.2	10.80			
		Door Deduct	3	3	_	2.1	18.90			
		Bool Beddet					109.50	Sqm	70.00	7665.00
11	As per Ammendment no 08, 05/05/2025 item no.14.74	Providing and applying priming coat on steel work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc. complete for the work						À		
		Premium synthetic enamel paint								
		On Steel	2	10.0	2.00		76.00			
		SLRM Pole & Fence	1	19.0 12.0	2.00		76.00 24.00			
<u> </u>		Door	1	3.0	2.10		6.30			
		5001	1	2.0	2.10		4.20			
					Total		110.50			
		Add 20% Extra					22.10			
				Sub 7	otal		132.60	Sqm	35.00	4641

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
12	As per Ammendment no 08, 05/05/2025	coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for					132.60	sqm	43.00	5701.80
		DEMOLISH WOF	RK	1	г -	1				
	SOR ITEM NO 16 3 3/146)	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.								
		Boundary wall & Fencing	1.00	35.00	0.20	1.50	10.50			
				•	•		10.50	SQ.M	263.00	2761.50
									•	
									ГОТАL	634398.66

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

			1					D	13501315
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains							(111 143.)	(111 143.)
1	or for any other purpose including disposal of excavated stuff upto								
	1.5 m lift and lead upto 50m (at least 5m away from the excavated								
	area), including dressing and leveling of pits.								
	In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with								
	crushed stone aggregate using concrete mixer in all works upto plinth								
	level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm								
	nominal size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
		2	1.00	0.20	0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work								
	including straightening, cutting, bending, binding etc. complete as								
	per drawings including cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415								
		Qty. a	s per ite	m No	3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)		50 kg	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks)								
	confirming to IS:12894-2002 of class designation 4.0 in foundation								
	and plinth in:								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/								
	Coarse sand, in recharge pit, in the required layers and thickness, for								
	all leads & lifts, all complete as per direction of Engineer-in-charge.								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of	1	1.00	1.00	0.30	0.30	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)								
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains								
	or for any other purpose including disposal of excavated stuff upto								
	1.5 m lift and lead upto 50m (at least 5m away from the excavated								
	area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)								
7	Filling from available excavated stuff (Excluding rock) in trenches,								
	plinth, sides of foundation etc. in layers not exceeding 20cm. In								
	depth consolidation each deposited layer by ramming and watering								
	with a lead upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
8	Providing and filling in open area with sand /crusher dust and hard								
	moorum under floor in layers not exceeding 20 cm in depth and								
	consolidating each deposited layer by ramming and watering,								
	including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	_	_	_	_	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)						22111	371.00	00 1.73
	(20122110 00K 11EH1110-1-10/11)	L	L	L	l				

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

SANITARY REPAIRING

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C.							(111 183.)	(111 185.)
•	pan) with white ISI marked plastic seat and lid, 10 litre low level white								
	P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all								
	fittings and fixtures complete including cutting and making good the walls								
	18.4.2 Coloured pedestal type	1	_	_	_	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)					1100	Liten	0072.00	2,092.00
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C.								
_	pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing								
	cistern (same colour) conforming to IS: 7231, with flush bend and other								
	fittings and fixtures complete including cutting and making good the walls								
	and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	_	1.00	EACH	3545.00	3,545.00
	(BUILDING SOR ITEM NO18.1/160)								- ,
3	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern								
	conforming to IS: 7231, with all fittings and fixtures complete.								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)			1					, , , , , , ,
4	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm								
	C.P. brass waste of standard pattern, including painting of brackets, cutting								
	and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)								-
5	Providing and fixing on wall face or under floor UV stabilized								
	Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall								
	thickness conforming to IS: 13592 (4kg/sqcm) including required								
	couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC								
	moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC								
	pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming								
	to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5	-	-	-	5.00	EACH	154.00	770.00
	Vent covel								
	18.77.3.1 75 mm	4	-	-	-	4.00		34.00	136.00
	18.77.3.2 110 mm	4	-	-	-	4.00	EACH	44.00	176.00
	Access door cap								
	18.77.4.1 75 mm		-	-	-	10.00		49.50	495.00
	18.77.4.2 110 mm		-	-	-	10.00		59.00	590.00
	18.77.6 Nahani Trap 110	10	-	-	-	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)								
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of								
	approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard								
	wood plugs, screwed with M.S. screwes of required length including								
	cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand								
) and making good the wall etc. complete.	10				10.00	EACH	FE 00	##0.00
-	18.78.1 75 mm		-	-	-	10.00		57.00	570.00
	18.78.2 110 mm	10	-	-	-	10.00	EACH	61.00	610.00
	(BUILDING SOR ITEM NO18.78/171)		<u> </u>						

9 I I S S S S S S S S S S S S S S S S S	PARTICULAR Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC blain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good he walls etc., 19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC blain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. 19.4.5 50 mm dia .pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	1 1 1 1 1	5.00 5.00 5.00 5.00 5.00	- - -	- - -	5.00 5.00 5.00 5.00		RATE (in Rs.) 133.00 167.00 199.00 271.00	AMOUNT (in Rs.) 665.00 835.00 995.00 1,355.00
9 I I S S S S S S S S S S S S S S S S S	naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc., 19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	1	5.00 5.00 5.00	-	-	5.00 5.00 5.00	MTR	167.00	835.00 995.00
9 I I I S S S S S S S S S S S S S S S S	plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc., 19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. 19.4.5 50 mm dia .nominal bore with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	1	5.00 5.00 5.00	- - -	-	5.00 5.00 5.00	MTR	167.00	835.00 995.00
9 II I I I I I I I I I I I I I I I I I	spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc., 19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes.	1	5.00 5.00 5.00	- - -	-	5.00 5.00 5.00	MTR	167.00	835.00 995.00
9 I I I S S S S I I I I I I I I I I I I	Solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc., 19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes.	1	5.00 5.00 5.00	- - -	-	5.00 5.00 5.00	MTR	167.00	835.00 995.00
9 I I I S S S S I I	ncluding testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good he walls etc., 19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. 19.4.5 41 mm nominal outer dia .Pipes. 19.4.5 42 mm nominal outer dia .Pipes. 19.4.5 43 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes.	1	5.00 5.00 5.00	-	-	5.00 5.00 5.00	MTR	167.00	835.00 995.00
9 I I I S S S S I I	Charge CONCEALED WORK including cutting chases and making good he walls etc., 19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	1	5.00 5.00 5.00		-	5.00 5.00 5.00	MTR	167.00	835.00 995.00
9 I I I S S S S I I	the walls etc., 19.5.1 15 mm nominal outer dia .Pipes. 19.5.2 20 mm nominal outer dia .Pipes. (BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. (BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	1	5.00 5.00 5.00	-	-	5.00 5.00 5.00	MTR	167.00	835.00 995.00
9 II	19.5.2 20 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	1	5.00 5.00 5.00	-	-	5.00 5.00 5.00	MTR	167.00	835.00 995.00
9 II	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	1	5.00 5.00	-	+	5.00 5.00	MTR	199.00	995.00
9 II	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:		5.00	-	+	5.00			
I I I I I I I I I I I I I I I I I I I	naving thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:		5.00		+	5.00			
10 I	plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:		5.00	- -	+	5.00			
(((((((((((((((((((spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore		5.00	- -	+	5.00			
(() () () () () () () () () (19.4.3 25 mm nominal outer dia .Pipes. 19.4.3 25 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore		5.00	- - -	+	5.00			
10 II V 2	19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore		5.00		+	5.00			
10 1	19.4.3 25 mm nominal outer dia .Pipes. 19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore		5.00	- - -	+	5.00			
10 H	19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. (BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore		5.00	-	+	5.00			
10 H	19.4.4 32 mm nominal outer dia .Pipes. 19.4.5 40 mm nominal outer dia .Pipes. (BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore		5.00	-	-				
10 H	19.4.5 40 mm nominal outer dia .Pipes. BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore	1	5.00	-	1				
10 H	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore				-	5.00	MTR	362.00	1,810.00
\ 8	with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 19.7.6 50 mm dia. nominal bore								
(and testing of joints complete: 19.7.6 50 mm dia. nominal bore								I
(19.7.6 50 mm dia. nominal bore								1
		1	5.00	_	_	5.00	MTR	471.00	2,355.00
	DUILDING SUK 11 EM NU19.//1//)	•	2.00			2.00		171100	2,000.00
11 I	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved								
	nake and conforming to IS:8931 including C.P. brass extension if								
r	required:								
	19.14.1 Bib cock (400 grams)	2	-	-	-		EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-		EACH	494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00	EACH EACH	398.00 163.00	796.00 326.00
-	19.14.14 Soap dish plate BUILDING SOR ITEM NO19.14/179)		-	-	-	2.00	EACH	103.00	320.00
	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin								
	ncluding P.V.C. waste fittings complete.								I
									ļ
	18.25.2 40 mm dia								ļ
	BUILDING SOR ITEM NO18.25.2/164)	4	-	-	-	4.00	EACH	88.50	354.00
	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground								I
	ixed to wooden cleats with C.P. brass screws and washers complete.								1
	BUILDING SOR ITEM NO18.29/164)	2	_	_	_	2.00	EACH	599.00	1,198.00
	Providing and fixing mirror of superior glass (of approved quality) and of					2.00	Laten	377.00	1,170.00
	required shape and size with plastic moulded frame of approved make and								1
S	shade with 6 mm thick hard board backing:								1
									<u> </u>
	18.30.1 5mm thick mirror		0.60	0.50		. =-	96.7-	****	
	BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe								
	sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								
	to be measured;								
	19.10.4 50 mm nominal bore	5	-	-	-	5.00	EACH	347.00	1,735.00
(BUILDING SOR ITEM NO19.10/178)		<u> </u>						, 2230
	Providing and fixing brass/ gun metal gate valve with C.I. wheel of								
г	approved quality (screwed end):								
	10.17.4.50	2	1			2.00	EACH	7(2.00	1 534 00
	19.16.4 50 mm nominal bore	2	 -	-	-	2.00	EACH	762.00	1,524.00
	BUILDING SOR ITEM NO19.16/179) Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff		 						
	mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand)								l
	ncluding testing of joints etc. complete:								l
			<u> </u>						

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	20.1.1 100 mm diameter	1	10.00	-	-	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)								
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	20.26.1 Inside dimensions 433x010 mm and 43 cm deep for single pipe	1	-	-	-	1.00	EACH	3796.00	3,796.00
	(BUILDING SOR ITEM NO20.28/194)								
19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
								Total Rs.	47,635.00

PROPOSED SHED FOR STORAGE (15.00X10.00 M.) RATE **AMOUNT** S.No. **PARTICULAR** NO. В H/D QTY. UNIT (in Rs.) (in Rs.) Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil F1-10 1.80 1.80 1.50 48.60 (BUILDING SOR ITEM NO.-1.1.1/9) 48.60 CUM 185.00 8991.00 Providing and mining in pinnin with sand /crusher dust and nard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, 1.80 0.10 3.24 Sand Filling F1-10 1.80 90.00 10.00 Floor Area 15.00 0.60 (BUILDING SOR. ITEM NO.-1.18/11) 93.24 CUM 371.00 34592.00 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 1.80 0.10 F1-10 1.80 3.24 15.00 | 10.00 | 0.60 90.00 Floor Area (BUILDING SOR. ITEM NO.- 3.1.3/23) 93.24 CUM 2970.00 276922.80 Cement concrete mooring with cement concrete 1.2.4 (1 cement coarse sand: 4 graded stone aggregate 20mm) finished with a floating 15.00 10.00 150.00 sqm 222.00 33300.00 Floor ar<u>ea</u> (BUILDING SOR ITEM NO.- 12.3) Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20 Footing-0.30 10 1.50 1.50 6.75 F1-Colunm upto Ground level-10 0.45 0.30 1.00 1.35 C1-Colunm Above Ground level-C1-10 0.45 0.30 4.00 5.40 (BUILDING SOR ITEM NO.- 3.2/23) 13.50 CUM 4163.00 56201.00 rining from available excavated stuff (Excluding fock) in trenches plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering (BUILDING SOR ITEM NO.- 1.17) 29.16 CUM 65.00 1895.40 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415

Quantity as per item 3.3

13.50

S.No.	PARTICULAR	N	О.	L	B H/D		QTY.	UNIT	T RATE (in Rs.)	AMOUNT (in Rs.)
	(BUILDING SOR. ITEM NO3.12.1/24)			80kg/	<u>cum</u>		1080.00	KG	54.50	58860.00
8	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.									
	Footing-									
	F1-		10	6.00	-	0.30	18.00			
	Colunm upto Ground level-									
	CI-		10	1.50	-	1.00	15.00			
	Colunm Above Ground level- C1-		10	1.50		4.00	60.00			
	CI		10	1.50		4.00	00.00			
	(BUILDING SOR ITEM NO 2.1.1/16)						93.00	SQ.M	139.00	12927.00
9	Blick work with modular hy-ash lime blicks (FALG Blicks) confirming to IS:12894-2002 of class designation 4.0 in foundation and aliath in. Cement Mortar 1:6 (1 cement : 6 coarse sand)									
	Long wall	2	4	3.37	0.20	4.00	21.57			
	Short wall	1	2	9.10	0.20	4.00	14.56			
	For Traingular Area $(1/2xbxh)(1/2x5x1.2 = 3.00 \text{ sqm})$	2	2	3.00	sqm	0.20	2.40			
	Deduction			1.00	0.00	1.50				
	W Delling Charter	1	1	1.20 3.77	0.20	1.20	-1.15 -2.64			
	Rolling Shutter (BUILDING SOR ITEM NO 7.5.4)	ı	1	3.//	0.20	3.50	34.74	Cum	3263.00	113346.83
	(BUILDING SOR ITEM NO 7.5.4)						34.74	Cuin	3203.00	113340.03
10	11.2 Providing and making 12mm thick cement plaster of mix: 11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)									
	Long wall	2	4	3.37		4.00	107.84			
	Short wall	1	2	9.10		4.00	72.80			
	For Traingular Area $(1/2xbxh)(1/2x5x1.2 = 3.00 \text{ sqm})$	2	2	3.00			12.00			
	Deduction			1.20		1.20	5.56			
	W Rolling Shutter	1	4	1.20 3.77		1.20 3.50	-5.76 -13.20			
	(BUILDING SOR ITEM NO 11.2.4)	1	1	3.77		3.30	173.69	Sqm	91.50	15892.18
11	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall									
	11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand) C1-		10	1.50		4.00	60.00			
	Long wall	2	4	3.37		4.00	113.23			
	Short wall	1	2	9.10		4.20	76.44			
	For Traingular Area (1/2xbxh)(1/2x5x1.2 = 3.00 sqm)	2	2	3.00			12.00			
	Deduction									
	W D. H. Gl. W	1	4	1.20		1.20	-5.76			
	Rolling Shutter	1	1	3.77		3.50	-13.20	C ~	112.00	27427.02
	(BUILDING SOR ITEM NO 11.3)						242.72	Sqm	113.00	27427.02
12	Supplying and fixing forming snutter of approved makes made of M.S. laths interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and out side locking with push and pull arrangement complete but evaluding the post of top gover and spring.									
	Rolling Shutter	1	1	3.77		3.50	13.20	Sqm	1691.00	22312.75
	(BUILDING SOR ITEM NO 9.27.1)									
12	D :1: 16: 275 1 : : : : : : : : : : : : : : : : : :									
13	Providing and fixing 27.5cm long wire spring for rolling shutters. (BUILDING SOR ITEM NO 9.28)						2.00	each	362.00	724.00
	(DUILDING SUK LLEWI NU 7.28)		I	1			∠.00	сасп	<i>3</i> 0∠.00	/24.00

S.No.	PARTICULAR	N	Ю.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
14	Providing and fixing M.S. sheet top cover for rolling shutter								(in Rs.)	(in Rs.)
17	(BUILDING SOR ITEM NO 9.29)	1	1	3.77			3.77	Sqm	540.00	2035.80
	()									
15	Providing and fixing ball bearing for rolling shutters									
	(BUILDING SOR ITEM NO 9.30)						2.00	each	423.00	846.00
	9.15 Providing and fixing M.S. grill of approved pattern made of									
	M.S. flats or square or round bars welded to steel frame of windows									
16	etc. including applying a priming coat welded to frame with all									
	necessary fitting complete including applying a priming of red oxide									
	W	1	4	1.20		1.20	5.76			
	For Qty of steel= Areax25.0 kg/Sqm	5.76	X	25.00			144.00	kg	67.50	9720.00
	(BUILDING SOR ITEM NO 9.15)									
	9.51 Providing and fixing glazing in aluminium door, window,									
17	ventilator shutters and partitions etc. with PVC/ neoprene gasket etc.									
- 7	complete. (Cost of aluminium snap beading shall be paid in basic									
	With float glass panes of 5 mm thickness						5.76	Sqm	708.00	4078.08
	(BUILDING SOR ITEM NO 9.51)									
	9.3 Steel work in tubular (round, square or rectangular nollow tubes									
	etc.) structure in built-up sections, trusses and frame work including									
	cutting, hoisting, fixing in position upto a height of 5m above plinth									
	level, consisting of columns trusses, roof and bottom purlins, base									
18	plate, holding down bolts, wind ties bracing (if required), bolts, nuts									
	and washers for									
	fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.									
	9 3 2 Flectric resistance or induction butt welded tubes Grade-300									
	Purlin Tie beam NB 50mm	1.00	16.00	15.00	(a),	5.44	1305.60			
	Dia principal rafter NB 65, 5.16 mm thick	5.00	2.00	5.60	(a)	8.63	483.28			
	bottom chord	5.00	1.00	11.20	(a)	8.63	483.28			
	Post NB 65	5.00	2.00	1.20	(a)	8.63	103.56			
	Post NB 50 ,3.91 thick	5.00	2.00	0.85	<u>a</u>	5.44	46.24			
	Post NB 50	5.00	2.00	0.60	<u>a</u>	5.44	32.64			
	Post NB 50	5.00	2.00	0.35	<u>@</u>	5.44	19.04			
	Post NB 50	5.00	2.00	0.20 1.45	<u>@</u>	5.44 5.44	10.88 78.88			
	webs 50mm dia	5.00	2.00	1.45	<u>a</u>	5.44	73.44			
		5.00	2.00	1.25	(a)	5.44	68.00			
		5.00	2.00	0.75	<u>a</u>	5.44	40.80			
	Wind tie 32x5mm	5.00	2.00	15.00	<u>@</u>	1.30	195.00			
							2940.64			
	(Extra for gusset, , washer bolting connection etc)	10%				LS	294.06	VC	02.50	202444.92
							3234.70	KG	93.50	302444.82
	10.12 Supply and fixing of polymer precoated galvalume profile									
	sheets (PPGL) of approved size, shape and pitch of corrugation,									
	total coated thickness(TCT) 0.60 mm +/- 5%, epoxy primer on both									
	side of the sheet and colour polyester top coat 18-20 microns and 6-									
	7 microns on bottom. Sheet									
10	should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single									
19	length									
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall									
	be fixed using self drilling /self tapping screws of size (5.5x 55mm)									
	with									
	EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I.									
	1. , 1			1.5.5.	.		166 -			
	Top Roof	1	2	15.00	5.60	-	168.00	SOM	602.00	116424.00
<u> </u>	(BUILDING SOR ITEM NO 10.12/91)	<u> </u>	<u> </u>			<u> </u>	168.00	SQM	693.00	116424.00

S.No.	PARTICULAR	N	Ю.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	10.16 Providing and fixing precoated galvanised steel sheet roofing									
	accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm									
	as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on									
20	both side of the sheet and polyester top coat 15-18 microns using									
	self drilling/ self tapping screws or with polymer coated J or L									
	hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and									
	bitumen washers complete :									
	10.16.1 Ridges plain (500-600mm)	1	1	15.00			15.00	Mtr	552.00	8280.00
	(BUILDING SOR ITEM NO 10.16)									
	Providing and fixing 15 cm. wide 45cm. overall semi circular									
21	plain G.I. sheet gutter with iron brackets 40x3 mm size, bolts, nuts									
	and washers etc. including making necessary connections with rain		_	15.20			20.40	3.6	(20.00	10101 60
	water pipe complete as per designs. 0.63 mm thick sheet	1	2	15.20			30.40	Mtr	629.00	19121.60
	(BUILDING SOR ITEM NO 10.16.6)									
	Providing and applying of Acrylic primer on all surface applied									
	@0.80 litrs/10 sqm as per relevant I.S. code 15489:1974 (Product									
22	such as Asian Spark/suprimo , J.K. Primer, Dulux Acrylic Primer)									
	with all tools tackles and labour etc. complete for the work.									
	As per Ammendment no 08, 05/05/2025 item no.16.60						173.69			
	,						242.72			
	(BUILDING SOR ITEM NO 14.12)						416.40	Sqm	37.00	15406.87
	Providing and applying Acrylic washable Distemper or lite economy									
	Plastic emulsion paint having VOC content less than 50gms/lit									
	Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as									
22	per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion									
23	product such as Asian Tactor Spark \(\sigma\)Dulux Pomise sheen, Neroloc									
	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of									
	providing abro tape on edges and article and cleaning of door,									
	windows, floor and surface as required with all tools tackles and									
	As per Ammendment no 08, 05/05/2025 item no.16.62						173.69	Sqm	64.00	11115.84
	,							<u> </u>		
	Providing and applying on exterior surface with ECONOMY									
	Exterior Emulsion paint of required shades to give protective and									
	water proof finish minimum three coats applied @ 1.43 lit / 10Sqm									
	up to final finish as per relevant I.S, Code 15489:2013 Type -2									
24	Class D,C (Glossy /Semi Glossy finish) (Product such as Asian									
	Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of									
	providing abro tape on edges and article and cleaning of door,									
	windows, floor and surface as required with all tools tackles and									
	As per Ammendment no 08, 05/05/2025 item no.14.67									
	435 per rammenument no 00, 05/05/2025 Rem no.14.0/						242.72	Sqm	70.00	16990.19
								7-**		
	Providing and applying printing coat on steel work with red Oxide/									
25	zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code									
25	3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour									
	ata complete for the work									
	As per Ammendment no 08, 05/05/2025 item no.14.74									
	Purlin Tie beam NB 50mm	1.00	16.00	15.00	(a)	0.16	38.40			
	Dia									
	principal rafter NB 65, 5.16 mm thick	5.00	2.00	5.60 11.20	<u>a</u>	0.20	11.20			
	bottom chord Post NB 65	5.00	2.00	1.20	(a) (a)	0.20	11.20 2.40			
	Post NB 50 ,3.91 thick	5.00	2.00	0.85	<u>a</u>	0.20	1.36			
	Post NB 50	5.00	2.00	0.60	(a)	0.16	0.96			
<u> </u>					•				l	

S.No.	PARTICULAR	N	O.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Post NB 50	5.00	2.00	0.35	(a)	0.16	0.56			
	Post NB 50	5.00	2.00	0.20	(a)	0.16	0.32			
	webs 50mm dia	5.00	2.00	1.45	(a)	0.16	2.32			
		5.00	2.00	1.35	(a)	0.16	2.16			
		5.00	2.00	1.25	(a)	0.16	2.00			
		5.00	2.00	0.75	(a)	0.16	1.20			
	Wind tie 32x5mm	5.00	2.00	15.00	(a)	0.32	48.00			
							122.08			
	10% Extra For Miscellenious	10%				LS	12.21			
	For window						5.76			
	For Shutter						13.20			
							153.24	35.00	sqm	5363.51
26	metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work						153.24	43.00	sqm	6589.45
	As per Ammendment no 08, 05/05/2025 item no.14.76							_		
									Total Rs.	1181808.00
							A	dd 3%	Electrical	35454.24
									Total	1217262.24

"BOUNDARY WALL WITH CHAIN LINKED FENCING - 82,00 M"

	"BOUNDARY WALL WITH	CHA:	IN LI	NKE	D FE	NCING	- 82.00	<u>M"</u>	
S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of excavated								
	stuff upto 1.5 m lift and lead upto 50m (at least 5m away from								
	the excavated area), including dressing and leveling of pits.								
	(SOR ITEM NO1.1.1/9)								
	1.1.1) In all types of soil								
	F1	24	1.20	1.20	1.50	51.84			
						51.84	CUM	185.00	9590.00
2	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	F1	24	1.20	1.20	0.10	3.46			
	(BUILDING SOR. ITEM NO1.18/11)	21	1.20	1.20	0.10	3.46	CUM	371.00	1282.00
	(BOILDING SOR, ITEM NO. 1.10/11)					5.10	COM	371.00	1202.00
2	Providing and laying nominal mix cement concrete with								
	crushed stone aggregate using concrete mixer in foundation,								
	plinth and at ground level excluding cost of form work.								
	(SOR. ITEM NO 3.1.3/23)								
	3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone								
	aggregate 40mm nominal size).								
		24	1.20	1.20	0.10	3.46			
			1.20	1.20	0.10	3.46	CUM	2970.00	10264.00
3	Providing and laying nominal mix reinforced cement concrete					0.10	00111	2570.00	10201.00
	with crushed graded stone aggregate 20mm nominal size using								
	batching plant, transit mixer and concrete pump, in all works								
	upto plinth level excluding cost of form work.								
	(SOR. ITEM NO 3.2.1/23)								
	3.4.2) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone								
	aggregate 20mm nominal size).								
	Column footing	24	0.90	0.90	0.20	3.89			
	Ground Beam	1	82.00		0.30	4.92			
	Column upto Ground level -								
	C1-	24	0.20	0.20	0.60	0.58			
	Column above Ground level -								
	C1-	24	0.20	0.20	0.90	0.86			
						10.25	CUM	4163.00	42662.00
7	Extra for laying PCC/RCC of any grade in superstructure								
	above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
	(SOR. ITEM NO3.4/23)								
	,					0.86	CUM	97.50	84.00
	Providing and placing in position reinforcement for R.C.C.		1	-					2 0 0

C NI-	DADTICULADO	NO.	т	D	II/D	OTV	LINIT	RATE	AMOUNT
S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
	work including straightening, cutting, bending, binding etc.								
	complete as per drawings including cost of binding wire all complete:								
	*								
	(SOR. ITEM NO3.12.1/24)								
	3.12.1)Thermo-Mechanically treated bars FE 415					10.25			
			as per i						
			. <u>@</u> 80 k	g/cum	l	819.84	KG	54.50	44681.28
9	Providing and fixing formwork including centering, shuttering,								
	strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	(SOR ITEM NO2.1.1/16)								
	Foundations, footings, base of columns and plinth beam in any								
	shape and size.								
	Footing	4x24	0.90		0.20	17.28			
	Column upto Ground level -	4x24	0.20		0.60	11.52			
	Ground Beam	2	82.00		0.20	32.80			
						61.60	SQM	139.00	8562.00
	Columns, Pillars, Piers and likes- rectangular or square in								
	shape								
	(SOR ITEM NO 2.1.5/16)								
	Column above Ground level -	4x24	0.20		0.90	17.28			
						17.28	SQM	297.00	5132.00
10	Brick work with modular fly-ash lime bricks (FALG Bricks)								
	confirming to IS:12894-2002 of class designation 40 in								
	foundation and plinth in:								
	(SOR. ITEM NO 7.5.4/45)								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	Extra for brick work in superstructure:								
	Above plinth and upto floor five level								
	(SOR. ITEM NO 7.6/45)								
		1	79.00	0.20	0.90	14.22			
							(32	63+121)	
						14.22	CUM	3384.00	48120.48
	Providing and making 12mm.thick cement plaster of mix: In Cement Mortar 1:6 (1 Cement: 6 fine Sand)								
11									
		2	79.00		1.00	158.00			
	(BUILDING SOR. ITEM NO11.2/103)					158.00	SQM	91.50	14457.00
12	White washing with lime to give an even shade.								
	a) On new work (Three or more coats)								
	(SOR. ITEM NO14.5.1/132)								
						158.00	SQM	9.40	1485.20
13	Painting exterior surface with TEXTURED exterior paint of								
	On new work (Two or more coats applied @ 3.28 ltr/10 sqm)	2.00	79.00	1.00		158.00			
						158.00	SQM	140.00	22120.00
	(SOR. ITEM NO14.22.2/132)								
4.7									
14	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. 9.6.2 In gratings, frames, guard bar, ladder, railings, brackets,								
	gates and similar works.								
	Top Rail	1.00	79.00	-		79.00			
	- op 1		8.80 KG	MTF	₹	300.20			

S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Vertical- post-	1.00	24.00	-	1.50	36.00			
		1	4.80 KC	G/MT	R	532.80			
						833.00	KG	68.00	56644.00
	(BUILDING SOR. ITEM NO 9.6.2/80)					022.00	Ro	00.00	30011.00
15	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.								
		1.00	64.00	-	1.50	96.00			
	(BUILDING SOR ITEM NO 9.43.1/84)					96.00	SQ.M	331.00	31776.00
16	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
	(BUILDING SOR. ITEM NO 9.6.2/80)								
	GATE	1	6.00	3.00		18.00			
			30 K	G/SQ	.M	540.00	KG	68.00	36720.00
								Total Rs.	333579.96

DETAILED ESTIMATE FOR CONSTRUCTION OF WET WASTE TIPPING SHED (5.00MX6.00M) Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015 N MEASUREMENT SN **DESCRIPTION OF ITEM QTY** RATE UNIT AMOUNT 0 В H/D L ī П Ш IV VI VII VIII IX X 1.1 Excavation for all types and sizes of 1 foundations, trenches and drains or for any other purpose including disposal excavated stuff upto 1.5 m lift and lead upto 1.1.1 In all types of soils. F1(1500X1500) 1.50 1.50 1.50 27.00 total 27.00 185.00 cum 4,995.00 2 1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer ramming and watering, including dressing etc complete. Footing F1(1500X1500) 1.50 1.50 0.10 1.80 1.80 total 371.00 667.80 cum 3 3.1 Providing and laying nominal mix plain cement concrete with crushed aggregate using concrete mixer in all works upto plinth level excluding cost of form 3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). Footing F1(1500X1500) 1.50 1.50 0.10 1.80 total 1.80 2970.00 5,346.00 cum 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894 2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse Below Plinth Level L Wall 2.14 0.30 0.30 0.77 X Wall 4 0.30 0.30 0.95 2.64 4.58 0.30 0.30 0.41 2.13 3263.00 total cum 6,959.98

			N	MEAS	UREN	IENT				
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	UNIT	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
_										
5	2.1 Providing and fixing form work including									
	centring, shuttering, strutting, staging,									
	propping bracing etc. complete and including its removal									
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings		_	1.20		0.15	2.12			
	F1(1500X1500)	2		1.30	1.00	0.15	3.12			
		2	8		1.30	0.15	3.12			
	Column upto G L		_	0.20		0.65	2.12			
	C1(300X300)	2	8			0.65	3.12			
		2	8	0.30		0.65	3.12			
	Column above G L	_		0.20		0.22	4 4 4			
	C1(300X300)	2				0.30	1.44			
	DIL d. D.	2	8	0.30		0.30	1.44			
	Plinth Beam		_	2.14		0.20	5.1.4			
	L Wall	2	4	2.14		0.30	5.14			
	X Wall	2	4	2.64		0.30	6.34			
		2	I	4.58		0.30	2.75	120.00		4 1 1 1 6 2
	total						29.58	139.00	sqm	4,111.62
	2.2 Descriptions and leading according to the									
6	3.2 Providing and laying nominal mix reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal size).									
	7		8	1.30	1.30	0.20	2.70			
	F1(1500X1500) 0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(8	1.30	1.30	0.20	1.60			
	0.5/6*((1.2+1.2)±(0.5*0.2)±(4*(1.2±0.5)/2*(1.2±0.2)/2))		0			0.20	1.00			
	Subtotal a						4.30			
	Column upto G L						4.30			
	C1(300X300)		8	0.30	0.30	0.65	0.47			
	Subtotal b		0	0.30	0.30	0.03	0.47			
	Column above G L						U.4 /			
	C1(300X300)		8	0.30	0.30	0.30	0.22			
	Subtotal c		0	0.50	0.50	0.30	0.22			
	Plinth Beam						0.42			
	L Wall		4	2.14	0.30	0.30	0.77			
	X Wall		4	2.14			0.77			
	A wan		1	4.58			0.93			
	Subtotal d		1	7.20	0.50	0.50	2.13			
	total (a+b+c)						7.12	4163.00	cum	29,644.72
	ויינמו (מ־ט־נ)						/.12	4103.00	cum	47,044.74

SN	DESCRIPTION OF ITEM		N	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
SIN	DESCRIPTION OF ITEM		0	L	В	H/D	QIY	KAIL	UNII	AMOUNT
I	П		III	IV	V	VI	VII	VIII	IX	X
7	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	Footing			4.30	1.00	78.50	337.86			
	Column			0.68		78.50	53.69			
	Plinth Beam			2.13	1.00	78.50	167.44			
	total						559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.									
	Total qty of excavation - sand filling+PCC+RCC upto GL						16.28			
	total						16.28	38.15	cum	621.04
9	11.2 Providing and making 12mm thick cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 C1(300X300)	4	8	0.30		0.30	2.88			
	total	4	Ŏ	0.50		0.30	2.88	91.50	gam	263.52
	เบเลา						2.88	31.50	sqm	203.52

CAL			N	MEAS	UREN	IENT	O.FTV.	D. A. EEE	T 13 17 6	4.1.C.V.D.V.D.
SN	DESCRIPTION OF ITEM		o	L	В	H/D	QTY	RATE	UNIT	AMOUNT
I	II		III	I IV	V	VI	VII	VIII	IX	X
10	11.3 Providing and making 15mm thick									
	cement plaster on the rough side of single or 11.3.3 In Cement Mortar 1:5 (1 cement : 5			1						
	fine sand)									
	External Wall	1	2	5.00		0.60	6.00			
		1	2			0.60	7.20			
	total			•	•	•	13.20	113.00	sqm	1,491.60
11	14.9 Distempering with acrylic washable distemper to give an even shade.									
	14.9.1 On new work (Two or more coats)			+						
	Area of Internal Wall			+						
	Area of Plaster						2.88			
	total		<u> </u>				2.88	38.00	sqm	109.44
									~ 1	
12	14.14 Finishing walls with water proofing									
	cement paint of required shade to give an									
	14.14.1 On new work (Two or more coats									
	applied @ 3.84 kg/10 sqm)									
	External Wall			1			12.20			
	Area of External Plaster						13.20	41.00		541.20
	total		I	1	l		13.20	41.00	sqm	541.20
13	9.3 Steel work in tubular (round,			1						
13	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting,									
	fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1						=			
	150Dia Pole @21.30kg/meter	1	8	4.50	21.30	-	766.80			
	Truss On Shed	4	1	7.00	(10		172.22			
	Tie Beam 50mm dia @6.19Kg/meter	4	2	7.00			173.32 215.41			
	Rafter 50mm dia @6.19Kg/meter Intermediate members 50mm dia		2	_						
	@6.19Kg/meter				6.19	-	227.79			
	Purlins 40mm dia @ 4.37Kg/meter (On Top)	2	2	8.00	4.37	-	139.84			
	Gusset Plate, Fixing Bolt and Base Plate Etc			1			180.00			
	total						1703.16	88.50	Kg	150,729.66

I III IV V VII VIII IX 14 10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18 20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with nolvemer coated 1 or 1. hooks holfs and muts PVD S.O.RP-91/1-10.11 Roofing 2 3.82 8.00 61.12 15 10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/self tapping screws or with polymer coated J 10.16.1 Ridges plain (500-600mm) Ridge 1 8.00 8.00 552.00 mtr 16 10.16.6 Gutter (600 mm over all girth). Gutter 2 8.00 16.00 629.00 mtr 17 14.22 Painting on new work (two or more coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint On Steel Structure				N	MEAS	UREN	IENT				
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Ridge											
16 10.16.6 Gutter. (600 mm over all girth). Gutter 2 8.00 16.00 total 16.00 629.00 mtr 17 14.22 Painting on new work (two or more coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint 00				1	8.00			8.00			
Gutter 2 8.00 16.0		total						8.00	552.00	mtr	4,416.00
Gutter 2 8.00 16.0											
total 16.00 629.00 mtr 17 14.22 Painting on new work (two or more coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint On Steel Structure	16	` ,									
17 14.22 Painting on new work (two or more coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint On Steel Structure				2	8.00						
coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint On Steel Structure		total						16.00	629.00	mtr	10,064.00
coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint On Steel Structure	<u> </u>	14.22 B : 4:	_								
14.22.2 Premium synthetic enamel paint On Steel Structure	17	· · ·									
On Steel Structure		, •									
			_								
			2	2	36.00			108.00			
Truss 2 2 157.68 473.04		<u> </u>									
total 2 2 137.08 473.04 47.00 sqm					157.00				47 00	sam	27,308.88
		totai						301.04	77.00	sqiii	<i>21,500.</i> 00

SN	DESCRIPTION OF ITEM		N	MEAS	UREN	IENT	QTY	RATE	UNIT	AMOUNT	
SIN	DESCRIPTION OF ITEM		0	L	В	H/D	VII	KAIL	UNII	AMOUNT	
I	II		Ш	IV	V	VI	VII	VIII	IX	X	
18	18 18.76 Providing and fixing on wall										
	face or under floor UV stabilized										
	Unplasticised Rigid PVC pipes (single										
	socketed) having 3.2mm wall thickness										
	conforming to IS: 13592 (4kg/sqcm)										
	including required counters jointing with										
	18.76.2 110 mm dia pipe.										
	Rain water Pipe		4	4.50			18.00				
	total						18.00	267.00	mtr	4,806.00	
19	12.4 52 mm thick cement concrete flooring										
	with under layer of 40mm thick cement										
	concrete 1:2:4 (1 cement : 2 coarse sand : 4										
	graded stone aggregate 20mm nominal size)										
	and top layer of 12 mm thick cement metallic										
	hardener concrete mix 1:2 (1 cement										
	hardener mix : 2 stone aggregate of 6 mm										
	initiation in the second appropries of the filling		1	5.00	6.00		30.00				
	total		1	3.00	0.00		30.00	441.00	sqm	13,230.00	
	iviai						50.00	771.00	Total	338,128.04	
				A 1	1.1.20/	IDI4	I I D	11		,	
				Ad	ıa 3%	Electr	rical and P			10,143.84	
SUB TOTAL									348,271.89		

		NAGAR PALIKA NIG	JAIVI	NU	KDA	(C.G.)		ı	
(Build	ling SOR Iter	ms) W.E.F 01/01/2015								
s NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM FLOOR	ING W	ORK						
8	(BUILDING SOR ITEM NO. 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00		224.00			
		A 11 100/ F	1.00	12.00	27.00	-	324.00			
		Add 10% Extra					32.40	COM	907.00	210600.00
							356.40	SQ.M	897.00	319690.80
	(BUILDING SOR ITEM NO.12.4/111)	layer of 40mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix: 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement: 1 metallic floor hardening compound by weight) including finishing etc.								
		Compost Pit Area	1.00	426	5.00	-	426.00			
		Passage For Compost Pit		4.00	21.00	_	84.00			
		- 43304g					510.00	SQ.M	441.00	224910.00
	•	SLRM PAINT	ING W	ORK	•	•				
9	As per Ammendment no 08, 05/05/2025 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applicd @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
		INSIDE	2	24	-	1.2	57.60			
			1	9	-	1.2	10.80			
			3	12	-	3	108.00			
			6	3	-	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1	7.56			
						Total	203.94	Sqm	64.00	13052.16

Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three couts applied @1.43 int / 10Sqm up to final finish as per relevant LS, Code [5489:2013 Type -2 Class D.C (Glossy /Semi Go. 05/05/2025] item no.14.67 Foreign to the complete for the work (With 2 Year Warranty) Providing and article as required with all lools tackles and labour etc. complete for the work (With 2 Year Warranty) OUTSIDE 2 24 - 1.2 57.60	S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	10	Ammendment no 08, 05/05/2025	ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2								
1			OUTSIDE	2	24	-	1.2	57.60			
As per Ammendment no 08, 05/05/2025 item no.14.76 As per As p				1	9	-	1.2	10.80			
As per Ammendment no 08, 05/05/2025 item no.14.74 decomplete for the work As per Ammendment no 08, 05/05/2025 item no.14.74 decomplete for the work As per Ammendment no 08, 05/05/2025 item no.14.74 decomplete for the work Premium synthetic enamel paint On Steel SLRM Pole & Fence 2 19.0 2.00 76.00 SLRM Pole & Fence 2 19.0 2.00 76.00 SLRM Pole & Fence 2 19.0 2.00 76.00 Door 1 3.0 2.10 6.30 Add 20% Extra As per Ammendment no 08, 05/05/2025 item no.14.76 Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 ii/ 10 Sqm up to required finish as per relevent 1.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint) with all tools tackle and labour etc. complete for the work 12 on Total 132.60 sqm 43.00 5701.80				1	20	-	3	60.00			
As per Ammendment no 08, 05/05/2025 item no.14.74 or an applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zine phosphate, Dultux Steel primer, Burger Red oxide primer) with all tools tackles and labour at complate for the work of			Door Deduct	3	3	-	2.1	18.90			
As per Ammendment no 08, 05/05/2025 item no 14.74 steep relevant code			Providing the three arming real on circles				Total	109.50	Sqm	70.00	7665.00
Premium synthetic enamel paint	11	Ammendment no 08, 05/05/2025	work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour								
SLRM Pole & Fence 2 19.0 2.00 76.00			Premium synthetic enamel paint								
1 12.0 2.00 24.00			On Steel								
Door 1 3.0 2.10 6.30			SLRM Pole & Fence	2				76.00			
As per Ammendment no 08, 05/05/2025 item no.14.76 Add 20% Extra I 2.0 2.10 4.20 Total 110.50 Sub Total 12.0 2.10 Sub Total 132.60 Sqm 35.00 4641 Sub Total 132.60 Sqm 35.00 4641 I 32.60 Sqm 35.00 4641				_							
As per Ammendment no 08, 05/05/2025 item no.14.76 Add 20% Extra Broviding and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work Total 110.50 Sub Total 132.60 Sqm 35.00 4641 132.60 sqm 43.00 5701.80			Door	-							
As per Ammendment no 08, 05/05/2025 item no.14.76 Add 20% Extra Sub Total Sub Total 132.60 Sqm 35.00 4641 Sub Total 132.60 Sqm 35.00 4641 132.60 Sqm 35.00 4641				I	2.0						
As per Ammendment no 08, 05/05/2025 item no.14.76 As per Aluminium Paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work Sub Total 132.60 Sqm 35.00 4641 132.60 Sqm 35.00 4641 132.60 Sqm 35.00 4641			Add 20% Extra			Total					
As per Ammendment no 08, 05/05/2025 item no.14.76 As per Ammendment no 08, 05/05/2025 item no.14.76 As per Ammendment no 08, 05/05/2025 item no.14.76 As per Ammendment no 08, 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work			Auu 2070 Extra		Sub	Total			Sam	35.00	4641
As per Ammendment no 08, 05/05/2025 item no.14.76 Minimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					540	1000		132.00	Sqiii	33.00	1011
	12	Ammendment no 08, 05/05/2025	mimimum 2 coats in all metal surface applying @ 0.75 li/10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour					132.60	sqm	43.00	5701.80
TOTAL 575660.76										TOTAL	

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

	KAIN WATER HARVESTI	110 (1	1.0021	1.002	11.20	. • 1)			
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains or								
	for any other purpose including disposal of excavated stuff upto 1.5 m								
	lift and lead upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.								
	In all types of soil (BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with	1	1.40	1.40	1.20	2.33	CUM	105.00	434./3
-	crushed stone aggregate using concrete mixer in all works upto plinth								
	level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm								
	nominal size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
		2	1.00	0.20	0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work								
	including straightening, cutting, bending, binding etc. complete as per								
	drawings including cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415		L .			0.50			
	COD VERNA NO. 2 42 4/2 0	Qty. a	s per ite		3.2.1	0.39	TTO	74.70	10/2 55
4	(SOR ITEM NO3.12.1/24)		<u>50 kg</u>	/cum	l	19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming								
	to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	· · · · · · · · · · · · · · · · · · ·	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	(BUILDING SOR ITEM NO7.5.4/45) Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse		4.80	0.20	1.40	1.34	CUM	3203.00	4303.47
3	sand, in recharge pit, in the required layers and thickness, for all leads								
	& lifts, all complete as per direction of Engineer-in-charge. (excavation								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1 00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of		1.00		0.30	0.30	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00			0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)								
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains or								
	for any other purpose including disposal of excavated stuff upto 1.5 m								
	lift and lead upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)								
7	Filling from available excavated stuff (Excluding rock) in trenches,								
	plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead								
	upto 50M. And lift upto 1.5M.								
	50% of Item No 1					2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)	-	-	-	-	2,23	CUIVI	03.00	140.23
	(DOLLDEN ON THE HOLDEN		<u> </u>						
8	Providing and filling in open area with sand /crusher dust and hard								
-	moorum under floor in layers not exceeding 20 cm in depth and								
	consolidating each deposited layer by ramming and watering, including								
	dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm								
	150 mm dia (BUILDING SOR ITEM NO18.76.3/170)	1	50.00	-	-	50.00	RM	440.00	22000.00
								Total Rs.	32001.00

SANITARY REPAIRING

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
1	Providing and fixing vitreous china water closet (European type W.C. pan) with							(in Rs.)	(in Rs.)
-	white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing								
	cistern (same colour), conforming to IS: 7231, with all fittings and fixtures								
	complete including cutting and making good the walls and floors wherever								
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.0
	(BUILDING SOR ITEM NO18.4/161)								
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan),								
	100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same								
	colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever								
	required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.0
	(BUILDING SOR ITEM NO18.1/160)								
3	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern								
	conforming to IS: 7231, with all fittings and fixtures complete.								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.0
	(BUILDING SOR ITEM NO18.7/161)								
4	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P.								
	brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:								
	good the walls wherever required : Coloured Size 550x450 mm	1	_		_	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)	1	<u> </u>			1.00	EACH	1074.00	1,074.00
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid								
	PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS:								
	13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming								
	to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.0
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming								
	to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10								
	mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.0
	18.77.1.2 110 mm	5	-	-	-	5.00	EACH	154.00	770.0
	Vent covel								
	18.77.3.1 75 mm	4	-	-	-	4.00	EACH	34.00	136.00
	18.77.3.2 110 mm	4	-	-	-	4.00	EACH	44.00	176.00
	Access door cap	10				10.00	FACII	40.50	405.00
	18.77.4.1 75 mm 18.77.4.2 110 mm	10	-	-	_	10.00	EACH EACH	49.50 59.00	495.0 590.0
	18.77.4 Nahani Trap 110		_	_	-	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)	10					Bitoir	70.00	700.0
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved								
	design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs,								
	screwed with M.S. screwes of required length including cutting brick work and								
	fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall								
	etc. complete.	10				10.00	T . C**	^^	
	18.78.1 75 mm	10	-	-	-	10.00	EACH EACH	57.00	570.00
	18.78.2 110 mm (BUILDING SOR ITEM NO18.78/171)	10	-	-	-	10.00	LACH	61.00	610.00
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having								
•	thermal stability for hot & cold water supply including all CPVC plain & brass								
	threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes								
	jointing of pipes & fittings with one step CPVC solvent cement and the cost of								
	cutting chases and making good the same including testing of joints complete as								
	per direction of Engineer in Charge.CONCEALED WORK including cutting								
	chases and making good the walls etc.,								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	167.00	835.00
	(BUILDING SOR ITEM NO19.5/176)								
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal								
	stability for hot & cold water supply including all CPVC plain & brass threaded								
	fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of								
	pipes & fittings with one step CPVC solvent cement and testing of joints complete								
	as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON								
	WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00			5.00	MTR	199.00	995.00
	19.4.3 23 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	_		5.00	MTR	362.00	1,810.00
	(BUILDING SOR ITEM NO19.5/176)	Ė	3.00			2.00	MITI	302.00	1,010.00
10	Providing and fixing on wall surface G.I. pipes medium class complete with G.I.								
	fittings and clamps, including cutting, making good the walls etc. and testing of								
	joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)								
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make								
	and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	_		2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	_	-	2.00	EACH	494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate		-	-	-	2.00	EACH	163.00	326.00
	(BUILDING SOR ITEM NO19.14/179)								
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including								
	P.V.C. waste fittings complete.								
	10.27.2.40								
	18.25.2 40 mm dia (BUILDING SOR ITEM NO18.25.2/164)	4				4.00	EACH	88.50	354.00
13	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of	4	+-	-		4.00	EACH	00.30	334.00
13	approved quality) complete with 6 mm thick hard board ground fixed to wooden								
	cleats with C.P. brass screws and washers complete.								
	(BUILDING SOR ITEM NO18.29/164)	2	-	-	-	2.00	EACH	599.00	1,198.00
14	Providing and fixing mirror of superior glass (of approved quality) and of required								
	shape and size with plastic moulded frame of approved make and shade with 6 mm								
	thick hard board backing:								
	18.30.1 5mm thick mirror		0.60	0.60		0.70	~~~	****	
	(BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes by								
	providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								
	(dia of main fine to be measured)								
	19.10.4 50 mm nominal bore	5	-	-	-	5.00	EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO19.10/178)		†			2.00	2(11	217.00	1,755.00
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved								
	quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO19.16/179)		1						
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture								
	of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	or joints etc. complete.								
	20.1.1 100 mm diameter	1	10.00	_	-	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)	1	10.00	-	-	10.00	IVIIK	102.00	1,020.00
	[[DUILDING SUR ITENI NO20.1/107]	1						1	1

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	20.28.1 Inside dimensions 455x610 mm and 45 cm deep for single pipe line: (BUILDING SOR ITEM NO20.28/194)	1	-	-	-	1.00	EACH	3796.00	3,796.00
19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
				l				Total Rs.	47,635.00

" EXTENSION OF AREA FOR BALED & RECYCLABLE MATERIAL - 25.0 M X 7.0 M "

	" EXTENSION OF AREA FOR BALED & REC	YCL	ABLE	MA	IEKI	AL - 25	.U MI X		
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
1	Surface dressing of the ground including removing vegetation and								
	making up undulations and in-equalities not exceeding 15 cms in								
	depth/height including disposal of rubbiesh upto 1.5 m lift and lead								
	upto 50 m (at least 5m away from the dressed area).								
		1	25.00	7.00		175.00	~~~		15.00.00
	(BUILDING SOR ITEM NO1.2/9)					175.00	SQ.M	7.20	1260.00
2	Excavation for all types and sizes of foundations, trenches and drains								
	or for any other purpose including disposal of excavated stuff upto 1.5								
	m lift and lead upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.								
	1.1.1) In all types of soil								
	F1-	16	1.50	1.80	1.80	77.76			
	(BUILDING SOR ITEM NO1.1.1/9)								
									14386.00
						77.76	CUM	185.00	
3	Providing and filling in plinth with sand /crusher dust and hard								
	moorum under floor in layers not exceeding 20 cm in depth and								
	consolidating each deposited layer by ramming and watering,								
	including dressing etc. complete.	1.6	1.50	1.00	1.00	77.76			
	F1-	16	1.50	1.80	1.80	77.76			
	Deduction- Sand cushion, pcc,footing,column up to GL-	1.6	1.50	1.50	0.15	-22.06			
	F1-	16	1.50 27.00	1.50 7.00	0.15	5.40			
	Floor	1	27.00	7.00	0.15	28.35 89.45	CUM	371.00	33187.00
4	(BUILDING SOR. ITEM NO1.18/11) Providing and laying nominal mix plain cement concrete with					02.43	CUM	3/1.00	33167.00
7	crushed stone aggregate using concrete mixer in foundation, plinth and								
	at ground level excluding cost of form work.								
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm								
	nominal size). M-10								
	F1-	16	1.50	1.80	0.15	6.48			
	(BUILDING SOR. ITEM NO 3.1.3/23)					6.48	CUM	2970.00	19245.60
5	Providing and laying nominal mix reinforced cement concrete with								
	crushed stone aggregate using concrete mixer in all works upto plinth								
	level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm								
	nominal size). Grade of Concrete M-20								
	Footing-								
	F1-	16	1.20	1.50	0.30	8.64			
	Colunm upto Ground level-								
	C1-	16	0.20	0.40	1.20	1.54			
	Colunm upto Plinth level-								
	C1-	16	0.20	0.40	0.175	0.22			
	Colunm above Plinth level-		0.50	0.10	2.00	2.0:			
	Cl-	16	0.20	0.40	3.00	3.84			
	Ground Beam	_	25.00	0.20	0.20	2.00			
	GB1	2	25.00	0.20	0.30	3.00			
	Slab Beam	8	5.00	0.20	0.45	3.60			
	Slab Beam SB1	2	25.00	0.20	0.30	3.00			
	SBI	8	5.00	0.20	0.30	3.60			
		0	5.00	0.20	0.43	5.00			

								DATE	AMOUN
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUN
								(in Rs.)	Т
	Cl. L	1	25.00	7.00	0.125	21.88			
	Slab	1	25.00 10.00	7.00		8.75			
	Existing Storage Area Slab	1	10.00	7.00	0.123	58.07	CUM	41(2.00	241725.00
	(BUILDING SOR ITEM NO 3.2/23)					56.07	CUM	4163.00	241/25.00
6	Providing and placing in position reinforcement for R.C.C. work								
0	including straightening, cutting, bending, binding etc. complete as per								
	drawings including cost of binding wire all complete:								
	Thermo-Mechanically treated bars FE 415								
	Therme Mediamenty dedical onis 12 113	01191	ntity as	ner ite	m 3 3	58.07			
	(BUILDING SOR. ITEM NO3.12.1/24)	Qua	80kg		111 3.3	4645.20	KG	54.50	253163.00
7	Providing and fixing formwork including centering, shuttering,		OURG	Cum		1013.20	NO.	54.50	233103.00
′	strutting, staging, propping bracing etc. complete and including its								
	removal at all levels, for:								
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain								
	wall in any shape and size and all type of wall below plinth level.								
—	Footing-								
	F1-	16x2	1.20	_	0.30	23.04			
	F1-	16x2	1.20	1.50	0.30	14.40			
—	Colunm upto Ground level-	1014		1.50	0.50	17.70			
	Cl-	16X2	0.20	_	1.20	7.68			
	CI	16X2	-	0.40	1.20	15.36			
	Colunm upto Plinth level-	10/12	_	0.40	1.20	13.30			
	C1-	16X2	0.20		0.175	1.12			
	CI-	16X2	-	0.40	0.175	2.24			
	Column above plinth	10/12		0.40	0.173	2,24			
	C1-	16X2	0.20		3.00	19.20			
	CI	16X2	-	0.40	3.00	38.40			
	Ground Beam	10712		0.40	3.00	30.10			
	GB1	2X2	25.00	_	0.30	30.00			
	ODI	8X2	5.00	<u> </u>	0.45	36.00			
	Slab Beam	0712	3.00		0.43	30.00			
	SB1	2X2	25.00	_	0.30	30.00			
	OBI	8X2	5.00	-	0.45	36.00			
	Slab Edges		25.00		0.125	6.25			
	Sido Edges	2	7.00	-	0.125	1.75			
	Slab		25.00		-	175.00			
	Existing Storage Area Slab		10.00	7.00	_	70.00			
	(BUILDING SOR ITEM NO 2.1.1/16)		10.00	7.00			SQ.M	139.00	70395.00
									70070100
8	52 mm thick cement concrete flooring with under layer of 40mm thick								
]	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick cement								
	metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone								
	aggregate of 6 mm size by volume) with metallic hardening compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1								
	metallic floor hardening compound by weight) including finishing etc.								
	complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	25.00	7.00	-	175.00	SQ.M	441.00	77175.00
	,								
9	Half brick thick brick masonry with fly-ash lime bricks (FaLG								
	Bricks) confirming to IS:12894-2002 of class designation 4.0 in								
	superstructure above plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	40.00	-	3.00	120.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					120.00	SQ.M	382.00	45840.00
	,								

15 Prosin In (B	roviding and making 12mm.thick cement plaster of mix: a Cement Mortar 1:6 (1 Cement : 6 fine Sand) INNER BUILDING SOR. ITEM NO11.2/103) roviding and making 15mm.thick cement plaster on the rough side of ngle or half brickwall of mix. a Cement Mortar 1:6 (1 cement : 6 fine sand) OUTER BUILDING SOR. ITEM NO11.3/103) roviding and applying Acrylic washable Distemper or lite economy	1.00	40.00	-	3.00	120.00 120.00	SQ.M	91.50	10980.00
15 Prosing In (B) 16 Prople	roviding and making 15mm.thick cement plaster on the rough side of ngle or half brickwall of mix. a Cement Mortar 1:6 (1 cement : 6 fine sand) OUTER BUILDING SOR. ITEM NO11.3/103) roviding and applying Acrylic washable Distemper or lite economy			-			SQ.M	91.50	10980.00
15 Prosing In (B) 16 Prople	roviding and making 15mm.thick cement plaster on the rough side of ngle or half brickwall of mix. Cement Mortar 1:6 (1 cement : 6 fine sand) OUTER BUILDING SOR. ITEM NO11.3/103) roviding and applying Acrylic washable Distemper or lite economy	1.00	40.00	-	2.00	120.00	SQ.M	91.50	10980.00
sin In (B 16 Prople	ngle or half brickwall of mix. n Cement Mortar 1:6 (1 cement : 6 fine sand) OUTER BUILDING SOR. ITEM NO11.3/103) roviding and applying Acrylic washable Distemper or lite economy	1.00	40.00	-	2.00				
16 Pro	BUILDING SOR. ITEM NO11.3/103) roviding and applying Acrylic washable Distemper or lite economy	1.00	40.00	-	2.00				
16 Pro	roviding and applying Acrylic washable Distemper or lite economy				3.00	120.00			
Pla Mi						120.00	SQ.M	107.00	12840.00
42 Op Du Lit pro wi	lastic emulsion paint having VOC content less than 50gms/ lit finimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as er relevant L.S. Code 28:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, pus Style/lite economy emulsion product such as Asian Tactor Spark pulux Pomise sheen, Neroloc itil Master, Berger Bison Lite, Nippon Superio.) inclusive of roviding abro tape on edges and article and cleaning of door, rindows, floor and surface as required with all tools tackles and abour complete for the work.								
	INNER	1.00	40.00	-	3.00	120.00			
As	s per Ammendment no 08, 05/05/2025 item no.16.62				Total	120.00	SQ.M	64.00	7680.00
En fin fin /Se Ex Op ed	roviding and applying on exterior surface with ECONOMY Exterior mulsion paint of required shades to give protective and water proof nish minimum three coats applied @ 1.43 lit / 10Sqm up to final nish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy Semi Glossy finish) (Product such as Asian Ace,Dulux Promise exterior Berger Wall Masta,Nerolac Suraksha Plus, Nippon Shogun pus, One Style Power Bright) inclusive of providing abro tape on diges and article and cleaning of door, windows, floor and surface as equired with all tools tackles and labour etc. complete for the work		40.00			100.00			
	OUTER	1.00	40.00	-	3.00	120.00	SQ.M	5 0.00	0.400.00
As	s per Ammendment no 08, 05/05/2025 item no.14.67				Total	120.00	47/7 2/7	70.00	8400.00

" C.C. ROAD 4.00 M WIDE "

	" <u>C.C. R</u>	OAD 4.	<u>00 M WIE</u>	<u>)E</u> "					
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.								
		1	40.00	4.00	0.40	64.00			
	(PWD ROAD SOR NO. 3.2/11)					64.00	CUM	103.00	6592.00
2	Granular Sub-base as per Table: 400-1 Construction of granular sub base by providing close graded material carriage of mixed material to work site, spreaong in uniform layers with motor grader on prepared surface watering rolling and compacting with vibratory power roller at OMC to achive the disired density complete as per clause401								
	A Plant mix method (with Mechanically crushed stone only) (ii) Grading-IV Material								
		1	40.00	4.00	0.20	32.00	_		
	(PWD ROAD ITEM NO4.1(A)ii/17)					32.00	CUM	1586.00	50752.00
3	Dry Lean Cement Concrete Sub- base (Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ CUM, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.)								
		1	40.00	4.00	0.10	16.00			
	(PWD ROAD SOR NO6.3/32)					16.00	CUM	3449.00	55184.00
4	Providing and laying Un-reinforcement Concrete without Dowel bar including formwork, and expansion contraction & longitudinal joint as per design and as per IRC-62-2014 over a prepared base a per approved mix design and finishing to line and grade as per drawing for pavement thickness less then 200mm in Low Volume Road P.C.C. Grade M-30 with minimum Cement Content @375kg/cum								
		1	40.00	4.00	0.20	32.00			
	(PWD ROAD SOR NO6.4/33)					32.00	CUM	4748.00	151936.00
								Total Rs.	264464.00
								. U. W. 113.	20 1707.00

WET WASTE TIPPING SHED AT SWM PLANT (4.00MX3.50M)

Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

		Ba	sed or				G S.O.R.	IN FORC	E FROM	1 JAN 2015
SN	DESCRIPTION OF ITEM		NO	MEAS	UREM	ENT	QTY	RATE	UNIT	AMOUNT
101	DESCRIPTION OF ITEM		110	L	В	H/D	VII	KATE	UNII	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
1	Dismantling flag stone flooring laid in									
	cement/lime mortar including stacking of									
	serviceable material and disposal of									
	unserviceable material within 50 metre									
			1	4	12		48			
	(BUILDING SOR ITEM NO 16.8/146)						48	57	Sqm	2,736.00
1	1.1 Excavation for all types and sizes of									
	foundations, trenches and drains or for any									
	other purpose including disposal of									
	excavated stuff upto 1.5 m lift and lead									
	1.1.1 In all types of soils.									
	F1(1500X1500)		4	1.50	1.50	1.50	13.50			
	total						13.50	185.00	cum	2,497.50
2	1.18 Providing and filling in plinth with									
	sand/ Crusher dust and hard moorum under									
	floor in layers not exceeding 20cm in depth									
	consolidating each deposited layer by									
	ramming and watering, including									
	dressing etc complete.									
	Footing									
	F1(1500X1500)		4	1.50	1.50	0.10	0.90			
	total						0.90	371.00	cum	333.90
3	3.1 Providing and laying nominal mix plain									
	cement concrete with crushed stone									
	aggregate using concrete mixer in all works									
	upto plinth level excluding cost of form									
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6									
	graded stone aggregate 40mm nominal									
	Footing									
	F1(1500X1500)		4	1.50	1.50	0.10	0.90			
	total		<u>' '</u>	1.00	1.00	0.10	0.90	2970.00	cum	2,673.00
							3.70		cum	2,370.00
4	2.1 Providing and fixing form work									
	including centring, shuttering, strutting,									
	staging, propping bracing etc. complete									
	and including its removal									
	and morading its removal									

SN	DESCRIPTION OF ITEM		NO	MEAS	UREM	ENT	QTY	RATE	UNIT	AMOUNT
SIN	DESCRIPTION OF ITEM		NO	L	В	H/D	119	KAIL	UNII	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings									
	F1(1500X1500)	2	4	1.30		0.15	1.56			
		2	4		1.30	0.15	1.56			
	Column upto G L									
	C1(300X300)	2	4	0.30		0.65	1.56			
	,	2	4	0.30		0.65	1.56			
	Column above G L									
	C1(300X300)	2	4	0.30		0.30	0.72			
	,	2	4	0.30		0.30	0.72			
	total						7.68	139.00	sqm	1,067.52
									1	, , , , , ,
5	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal									
	F1(1800X1800)		4	1.30	1.30	0.20	1.35			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		4	1.50	1.50	0.20	0.80			
	*(1.2+0.2)/2))		•			0.20	0.00			
	Subtotal a						2.15			
	Column upto G L						2010			
	C1(300X300)		4	0.30	0.30	0.65	0.23			
	Subtotal b		1	0.50	0.50	0.03	0.23			
	Column above G L						0.23			
	C1(300X300)		4	0.30	0.30	0.30	0.11			
	Subtotal c			0.50	0.50	0.50	0.11			
	total (a+b+c)						2.49	4163.00	cum	10,382.52
	וטנמו (מ־ט־נ)		I	I			4.49	4103.00	cuifi	10,302.52

CNI	DESCRIPTION OF ITEM		NO	MEAS	UREM	ENT	OTV	DATE	IINIT	AMOUNT
SN	DESCRIPTION OF ITEM		NO	\mathbf{L}	В	H/D	QTY	RATE	UNIT	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
6	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	Footing			2.15	1.00	78.50	168.93			
	Column			0.34	1.00	78.50	26.85			
	total			<u> </u>			195.78	54.50	Kg	10,669.96
7	1.17 Filling from available excavated stuff									
	(Excluding rock) in trenches, plinth, sides									
	of foundation etc. in layers not exceeding									
	20cm in depth consolidating each									
	deposited layer by ramming and watering with a lead upto 50 M.									
	Total qty of excavation - sand									
	filling+PCC+RCC upto GL						9.21			
	total						9.21	38.15	cum	351.21
-										
8	11.2 Providing and making 12mm thick									
	cement plaster of mix: 11.2.4 In Cement Mortar 1:6 (1 cement : 6									
	C1(300X300)	4	4	0.30		0.30	1.44			
	total	•		0.50		0.00	1.44	91.50	sqm	131.76
									•	
9	9.3 Steel work in tubular (round,									
	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting,									
	fixing in position upto a height of 5m									
	above plinth level, consisting of columns trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	4	4.50	21.30	-	383.40			
	Truss On Shed									
	Tie Beam 50mm dia @6.19Kg/meter	1	1	6.00	6.19	-	37.14			
	Rafter 50mm dia @6.19Kg/meter	1	2	3.38	6.19	-	41.84			
	Intermediate members 50mm dia	1	2	4.50	6.19	-	55.71			
	@6.19Kg/meter			.			0.5.1			
	Purlins 40mm dia @ 4.37Kg/meter (On	1	4	5.50	4.37	-	96.14			
	Top) Cusset Plate Fixing Polt and Pose Plate						140.00			
	Gusset Plate, Fixing Bolt and Base Plate total						140.00 754.23	88.50	Kg	66,749.36
	iviai						134.23	00.50	<u> </u>	00,747.30

SN	DESCRIPTION OF ITEM		NO	MEAS	SUREM	ENT	QTY	RATE	UNIT	AMOUNT
				L	В	H/D				
I	II		III	IV	V	VI	VII	VIII	IX	X
10	10.12 Supply and fixing of polymer									
	precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both									
	side of the sheet and colour polyester top									
	coat 18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard									
	film of 25 microns minimum to avoid									
	scratches while transportation and should									
	be supplied in single length upto 12 metre									
	or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L									
	PWD S.O.RP-91/I-10.11									
	Roofing		2	3.38	5.50		37.18	(04.00		25.55.5
	total						37.18	693.00	sqm	25,765.74
11	10.16 Providing and fixing precoated									
11	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness									
	(TCT), Zinc coating 120gsm as per IS: 277									
	in 240mpa steel grade, 5-7 microns epoxy									
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	5.50			5.50			
	total						5.50	552.00	mtr	3,036.00
12	10.16.6 Gutter. (600 mm over all girth).									
12	Gutter		2	5.50			11.00			
	total			3.30			11.00	629.00	mtr	6,919.00
	wa						11.00	047.00	11111	0,717.00
13	14.22 Painting on new work (two or more									
	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	1.5	2	18.00			54.00			
	Truss	1.5	2	109.00			327.00			
	total		Т	ı	1		381.00	47.00	sqm	17,907.00
4.4	10.7/ P. '1' 1 " '									
14	18.76 Providing and fixing on									
	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness									
	conforming to IS : 13592 (4kg/sqcm)									
	including required couplers jointing with									
	18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			

SN	DESCRIPTION OF ITEM	NO	MEAS	SUREM	ENT	QTY	RATE	UNIT	AMOUNT
511	DESCRIPTION OF ITEM	NO	L	В	H/D	QII	KATE	UNII	AWIOUNI
I	II	Ш	IV	V	VI	VII	VIII	IX	X
	total					18.00	267.00	mtr	4,806.00
15	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	4.50	3.00	-	13.50	SQ.M	441.00	5953.50
								Total	161,979.96
				Add 3	% Elec	trical an	d Plumbin	g Work	4,859.40
							GRAND	TOTAL	166,839.36

(D.::14:	ng COD Ita-	NAGAR PALIKA NIQ	JAIVI,	KUK	DA (C	·G.)				
		ns) W.E.F 01/01/2015								
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
1	(BUILDING SOR ITEM NO 10.12/91)	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
		SLRM SHED SHEET	2	6.2	27	_	335			
			1	0.2			335	SQM	693	232016.40
2	(BUILDING SOR ITEM NO. 10.16/91)	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
		SLRM FLOOR	ING W	ORK						
8	(BUILDING SOR ITEM NO 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
			1.00	12.00	27.00	-	324.00			
		Add 10% Extra					32.40			
							356.40	SQ.M	897.00	319690.80

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM PAINT	ING WO	ORK						
9	As per	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.	2	24		1.2	57.60			
		INSIDE	1	12	-	1.2	14.40			
			3	12	_	3	108.00			
			6	3	_	3	54.00			
		Door Deduct	3	3	-	2.1	18.90			
			4	0.9	-	2.1	7.56			
						Total	207.54	Sqm	64.00	13282.56
10	As per Ammendment no 08, 05/05/2025 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type - 2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)		24			57.60			
		OUTSIDE	2	9	-	1.2	57.60			
			1	20	-	1.2	10.80			
		Door Deduct	3	3	_	2.1	18.90			
		2001 Bedder				Total	109.50	Sqm	70.00	7665.00
11	As per Ammendment no 08, 05/05/2025 item no.14.74	Providing and applying priming coat on steel work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc. complete for the work						1		·
		Premium synthetic enamel paint								
		On Steel								
		SLRM Pole & Fence	2	19.0	2.00		76.00			
			1	12.0	2.00		24.00			
		Door	1	3.0	2.10		6.30			
			1	2.0	2.10		4.20			
		A dd 2007 Eastern			Total		110.50 22.10			
		Add 20% Extra		Sub	L Total		132.60	Sqm	35.00	4641
				Sub	10111		132.00	oqui	55.00	-1011

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
12	As per Ammendment no 08, 05/05/2025 item no.14.76	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					132.60	sqm	43.00	5701.80
		DEMOLISE	H WOR	K						
	(BUILDING SOR ITEM NO. 16.3.3/146)	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.								
		Fencing	1.00	25.00	0.20	1.50	7.50			
		Storage area wall	1.00	7.00	0.20	2.50	3.50			
							11.00	SQ.M	263.00	2893.00
TOTA										631867.56

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

		`		1					
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains or for any							(III Ks.)	(111 KS.)
•	other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto								
	50m (at least 5m away from the excavated area), including dressing and								
	leveling of pits.								
	In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with crushed								
	stone aggregate using concrete mixer in all works upto plinth level excluding								
	cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal								
	size).								
	bottom Beam-	2	1.40		0.20	0.11			
		2	1.00		0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work including								
	straightening, cutting, bending, binding etc. complete as per drawings including								
	cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415		L.,						
		Qty. a	s per ite		3.2.1	0.39		-10	10/4-7-
	(SOR ITEM NO3.12.1/24)		<u>50 kg</u>	/cum	1	19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to								
	IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)	1	4.00	0.20	1.40	1.24	CIUM	22(2.00	4205.45
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in								
	recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of pit will be paid								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	1	1.00		0.40			806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00	1.00	0.30	0.30	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)	1	1.00	1.00	0.20	0.20	CUM	4/1.00	74.20
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains or for any								
Ů	other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto								
	50m (at least 5m away from the excavated area), including dressing and								
	leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)								
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides								
	of foundation etc. in layers not exceeding 20cm. In depth consolidation each								
	deposited layer by ramming and watering with a lead upto 50M. And lift upto								
	1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
8	Providing and filling in open area with sand /crusher dust and hard moorum								
	under floor in layers not exceeding 20 cm in depth and consolidating each								
	deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)	<u> </u>		<u> </u>					

S	.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
		D 11 16 1 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1								
		Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.								
		150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
		(BUILDING SOR ITEM NO18.76.3/170)								
Total Rs.										32001.00

SANITARY REPAIRING

	J. H.			-					
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	18.4.2 Coloured pedestal type	1	-	-	_	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1		_		1.00	EACH	3545.00	3,545.00
	(BUILDING SOR ITEM NO18.1/160)	1	-	-	-	1.00	EACH	3545.00	3,545.00
3	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern conforming to IS: 7231, with all fittings and fixtures complete.								
	18.7.2 Coloured	2	-	-	-	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)								
4	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
5	(BUILDING SOR ITEM NO18.17/162) Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc								
	18.76.1 75 mm dia pipe.	1	5.00	1	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
6	(BUILDING SOR ITEM NO18.76/170) Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-		5.00	EACH	113.00	565.00
	18.77.1.2 110 mm		-	-	-	5.00	EACH	154.00	770.00
	Vent covel					1.00	E 4 677	24.00	442
	18.77.3.1 75 mm		-	-	-	4.00		34.00	136.00
	18.77.3.2 110 mm Access door cap		-	-	-	4.00	EACH	44.00	176.00
	18.77.4.1 75 mm		-	-	-	10.00	EACH	49.50	495.00
	18.77.4.2 110 mm		-	-	-	10.00		59.00	590.00
	18.77.6 Nahani Trap 110		-	-	-	10.00		90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall etc. complete.							(in Rs.)	(in Rs.)
	10.701.71	10				10.00			
	18.78.1 75 mm 18.78.2 110 mm		-	-	-	10.00	EACH EACH	57.00 61.00	570.00 610.00
	(BUILDING SOR ITEM NO18.78/171)	10			_	10.00	EACH	01.00	010.00
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes. (BUILDING SOR ITEM NO19.5/176)	1	5.00	-	-	5.00	MTR	167.00	835.00
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	-	_	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.		5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	362.00	1,810.00
	(BUILDING SOR ITEM NO19.5/176)								
10	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)								
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	_	_	2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	<u> </u>			2.00	EACH	494.00	988.00
	19.14.4 Piller Cock (400 grams)		-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate	2	-	-	-	2.00	EACH	163.00	326.00
12	(BUILDING SOR ITEM NO19.14/179) Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia								
13	(BUILDING SOR ITEM NO18.25.2/164) Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	4	-	-	-	4.00	EACH	88.50	354.00
	(RUIII DING SOR ITEM NO .18 29/164)	2	_	_		2 00	EACH	599.00	1,198.00
	(BUILDING SOR ITEM NO18.29/164)					2.00	LACH	599.00	1,198.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:	1,0,				Ų.		(in Rs.)	(in Rs.)
	10 20 1 5 4								
	18.30.1 5mm thick mirror (BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)						Syan	2010.00	1,102100
	19.10.4 50 mm nominal bore	5		_		5.00	EACH	347.00	1,735.00
16	(BUILDING SOR ITEM NO19.10/178) Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):		_	-	-	3.00	EACH	347.00	1,733.00
	quanty (screwed end).								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
17	(BUILDING SOR ITEM NO19.16/179) Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	_		10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)	1	10.00	_		10.00	WITK	102.00	1,020.00
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	20.28.1 Inside dimensions 433x010 mm and 43 cm deep for single pipe mie								
	(BUILDING SOR ITEM NO20.28/194)	1	-	-	-	1.00	EACH	3796.00	3,796.00
19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	-	-	-	1000.00	LTR	7.30	7,300.00
									·
								Total Rs.	47,635.00

ELECTRIFICATION WORKS

		ELECTRIFICATION WOR	KS			
		Per CG Electrical SOR 2020			_	
S.No	Item No.	Particulars Particulars	Quantity	Unit	Rate	Amount
1	1.7	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp modular switch, modular base and cover plate, suitable size G.I. box as per specification and IS: 694 (2010), IS:				
	1.7.1	Short Point	8.00	Point	266.00	2128.00
	1.7.2	Medium Point	27.00	Point	424.00	11448.00
	1.7.3	Long Point	8.00	Point	588.00	4704.00
2	1.9	Extra for providing and fixing light plug point on board in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with modular type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of base and cover plate and G. I. box etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5) Wiring for circuit/ sub main wiring along with earth	6.00	Point	216.00	1296.00
3	1.13	wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)				
	1.13.1	3 X 1.5 sq. mm in 20mm conduit	27.00	Metre	92.00	2484.00
	1.13.8	3 X 10 sq. mm in 25mm conduit	10.00	Metre	270.00	2700.00
4	1.15	Supplying and fixing of following sizes FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with accessories in concealed complete as per specification and IS: 9537 (2000 Part 5)				
	1.15.1	20 mm	80.00	Metre	42.00	3360.00

S.No	Item No.	Particulars	Quantity	Unit	Rate	Amount
5	5.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/cover including connections etc. as per specification.				
	5.1.12	Fan regulator	10.00	Each	130.00	1300.00
6	5.11	Providing and fixing fan clamp made of 3mm thick MS flat on existing iron trusses/ girder including necessary bolts and nuts etc. as per specification.				
			10.00	Each	40.00	400.00
7	6.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 1 star and above, IS: 374:2019 including all amendments.				
	6.1.1	600 mm sweep	10.00	Each	1477.00	14770.00
8	6.19.3	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.				
	6.15.3	18/20 watt {4 feet}	10.00	Each	443.00	4430.00
					Total	49020.00

	NAGAR PALIKA NIGA	M , 1	KOR	RBA	(C.G.)			
	" SHED FOR BALED & RECYCLAB	LE N	ИАТI	ERIA	L - 6.	0 X 9.0 N	<u>1 ''</u>		
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.		6.00	0.00		71.00			
	(BUILDING SOR ITEM NO 16.8/146)	1	6.00	9.00		54.00	SQ.M	57.00	3078.00
	(BUILDING SOR HEM NO 10.6/140)					34.00	SQ.M	37.00	3070.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	F1-	4	1.50	1.50	1.80	16.20			
	(BUILDING SOR ITEM NO1.1.1/9)					16.20	CUM	185.00	2997.00
3	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including								
	F1-	4	1.50	1.50	1.80	16.20			
	Deduction- Sand cushion, pcc, footing, column up to GL-		1.50	1.50	0.15	-4.32			
	F1-	4	1.50	1.50 9.00	0.15	1.35			
	Floor (BUILDING SOR. ITEM NO1.18/11)	1	6.00	9.00	0.15	8.10 21.33		371.00	7913.00
4	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size). M-10								
	F1-	4	1.50	1.50	0.15	1.35	CYTA	2070.00	4000 50
5	ROULDING SOR. ITEM NO 3.1.3/23 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20					1.55	CUM	2970.00	4009.50
	Footing-	_							
	F1-	4	1.20	1.20	0.20	1.15			
	Column upto Ground level-	4	0.30	0.30	1.30	0.47			
	Column upto Plinth level-	4	0.30	0.30	1.30	0.47			
	C1-	4	0.30	0.30	0.175	0.06			
	Colunm above Plinth level-								
	C1-	4	0.30	0.30	3.00	1.08			
	Ground Beam	2	21.00	0.30	0.20	2.52			
	(BUILDING SOR ITEM NO 3.2/23)					5.28	CUM	4163.00	21993.00
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415							7103.00	21//3.00
	MILLI DING COD LITEM NO. 2.12.1/24)	Quantity as per item 3.3 5.28 80kg/cum 422.64 KG				E 4 E 0	2202400		
7	(BUILDING SOR. ITEM NO3.12.1/24) Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.		<u>80k</u>	g/cum		422.64	KG	54.50	23034.00

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
	Footing-								
	F1-	4	1.20	-	0.20	0.96			
		4	-	1.20	0.20	0.96			
	Column upto Ground level-	4	0.30		1.30	1.56			
	CI-	4	0.30	0.30	1.30	1.56 1.56			
	Colunm upto Plinth level-	-	-	0.30	1.30	1.50			
	C1-	4	0.30		0.175	0.21			
		4	-	0.30		0.21			
	Column above plinth								
	C1-	4	0.30		3.00	3.60			
		4	-	0.30	3.00	3.60			
	Ground Beam	2	21.00		0.300	12.60			
	(DUIL DING SOD ITEM NO. 211/16)					25.26	SQ.M	139.00	2511.00
8	(BUILDING SOR ITEM NO 2.1.1/16) 9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.)					25.26	SQ.M	139.00	3511.00
o	structure in built-up sections, trusses and frame work including cutting,								
	hoisting, fixing in position upto a height of 5m above plinth level,								
	consisting of columns trusses, roof and bottom purlins, base plate,								
	holding								
	down bolts, wind ties bracing (if required), bolts, nuts and washers for								
	fastening etc. complete with applying a priming coat of red oxide zinc								
	chromate primer.								
	Shed area	1	6.00			54.00	WC	02.50	156515.00
	(DUIT DING COD ITEM NO. 0.2.2/90)		33	KG/S	QM	1890.00	KG	93.50	176715.00
9	(BUILDING SOR ITEM NO 9.3.2/80) 10.12 Supply and fixing of polymer precoated galvalume profile sheets								
,	(PPGL) of approved size, shape and pitch of corrugation, total coated								
	thickness								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and								
	colour								
	polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet								
	should have protective guard film of 25 microns minimum to avoid								
	scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	fixed using self drilling /self tapping screws of size (5.5x 55mm) with								
	EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm								
	diameter with bitumen and G.I. limpet washers or with G.I. limpet								
	washers								
	filled with white lead complete upto any pitch in horizontal/vertical or								
	curved surfaces excluding the cost of purlins, rafters and trusses and								
	including cutting to size and shape wherever required.								
	Top Roof	1	6.00	9.00	-	54.00			
	Side of Truss	2	6.00		1.50	18.00			
						72.00	SQM	693.00	49896.00
40	(BUILDING SOR ITEM NO 10.12/91)								
10	10.16 Providing and fixing precoated galvanised steel sheet roofing								
	accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer								
	on both side of the sheet and polyester top coat 15-18 microns using self								
	drilling/ self								
	tapping screws or with polymer coated J or L hooks, bolts and nuts and or								
	10.16.6 Gutter. (600 mm over all girth)	1	9.00			9.00	MTR	629.00	5661.00
	(BUILDING SOR ITEM NO 10.16/91)								
11	Painting on new work (two or more coats) to give an even shade with								
	Satin synthetic enamel paint								
		<u> </u>			1.00	20.00			
	Shed truss	4	6.00	- 0.02	1.20	28.80			
	Runner	4	9.00	0.02		1.19 3.96			
	Pole (BUILDING SOR. ITEM NO14.22.1/134)	4	0.47		2.10		SQM	55.00	1866.88
	[DOLDDING SOR, 11 EM NO14.22.1/154]	L		L	L	33.74	PAN	33.00	1000.00

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
12	52 mm thick cement concrete flooring with under layer of 40mm thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick cement								
	metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1								
	metallic floor hardening compound by weight) including finishing etc.								
	complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	6.00	9.00	-	54.00	SQ.M	441.00	23814.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks)								
13	confirming to IS:12894-2002 of class designation 4.0 in superstructure								
	above plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	9.00	-	1.50	13.50			
	(BUILDING SOR. ITEM NO 7.4.1/45)					13.50	SQ.M	382.00	5157.00
14	Providing and making 12mm.thick cement plaster of mix:								
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
	INNER	1.00	9.00	-	1.50	13.50	~~~	0.1.50	
	(BUILDING SOR. ITEM NO11.2/103)					13.50	SQ.M	91.50	1235.25
15	Providing and making 15mm.thick cement plaster on the rough side of								
	single or half brickwall of mix.								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	9.00	-	1.50	13.50 13.50	SO M	107.00	1444.50
	(BUILDING SOR. ITEM NO11.3/103)					13.50	SQ.M	107.00	1444.50
16	Providing and applying Acrylic washable Distemper or lite economy								
	Plastic emulsion paint having VOC content less than 50gms/ lit Minimum								
	two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant								
	L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison,								
	Opus Style/lite economy emulsion product such as Asian Tactor Spark								
	Dulux Pomise sheen, Neroloc								
	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing								
	abro tape on edges and article and cleaning of door, windows, floor and								
	INNER	1.00	9.00	-	1.50	13.50	SQ.M	64.00	864.00
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	13.50	SQ.M	04.00	004.00
17	Providing and applying on exterior surface with ECONOMY Exterior								
	Emulsion paint of required shades to give protective and water proof								
	finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish								
	as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior								
	Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One								
	Style Power Bright) inclusive of providing abro tape on edges and article								
	and cleaning of door, windows, floor and surface as required with all								
	tools tackles and labour etc. complete for the work (With 2 Year								
	Warranty)								
	OLITED	1.00	9.00		1.50	13.50			
	OUTER As per Ammendment no 08, 05/05/2025 item no.14.67	1.00	9.00	-	Total	13.50	SQ.M	70.00	945.00
	pro per reminentament no voj ververmono item nort-nor			<u> </u>	- 5441	15.50	~ ~1	Total Rs.	334134.00

	NAGAR PALIKA NIG	ĺ			` /				
	" SHED FOR BALED & RECYCLA	BLE	MAT	ERIA	L - 6.0	X 9.0 M	["		
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.								
		1	3.00	10.00		30.00			
	(BUILDING SOR ITEM NO 16.8/146)					30.00	SQ.M	57.00	1710.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	F1-	4	1.50	1.50	1.80	16.20	CHINA	107.00	•00=00
3	(BUILDING SOR ITEM NO1.1.1/9) Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including	4	1.50	1.50	1.90	16.20	CUM	185.00	2997.00
	F1- Deduction- Sand cushion, pcc, footing, column up to GL-	4	1.50	1.50	1.80	16.20 - 4.32			
	F1-	4	1.50	1.50	0.15	1.35			
	Floor	1	3.00	10.00	0.15	4.50			
	(BUILDING SOR. ITEM NO1.18/11)					17.73	CUM	371.00	6578.00
4	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal								
	F1-	4	1.50	1.50	0.15	1.35			
	(BUILDING SOR. ITEM NO 3.1.3/23)					1.35	CUM	2970.00	4009.50
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20								
	Footing-	4	1.20	1.20	0.20	1 15			
	F1- Columm upto Ground level-	4	1.20	1.20	0.20	1.15			
	C1-	4	0.30	0.30	1.30	0.47			
	Colunm upto Plinth level-								
	C1-	4	0.30	0.30	0.175	0.06			
	Column above Plinth level-		0.20	0.20	2.00	1.00			
	C1- Ground Beam	2	0.30		3.00 0.20	1.08 2.52			
	Ground Beam		21.00	0.30	0.20	2.32			
	(BUILDING SOR ITEM NO 3.2/23)					5.28	CUM	4163.00	21993.00
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								
	BUILDING COD ITEM NO. 2.12.1/24)	Qua		s per ite g/cum	m 3.3	5.28	VC	5450	2202400
7	(BUILDING SOR. ITEM NO3.12.1/24) Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.		<u>ouk</u>	g/cum		422.64	KG	54.50	23034.00
	Footing-								
	F1-	4	1.20	1.20	0.20 0.20	0.96 0.96			

								D 4 mm	1150111
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT (in Pa)
	Columm upto Ground level-							(in Rs.)	(in Rs.)
	C1-	4	0.30	-	1.30	1.56			
		4	-	0.30	1.30	1.56			
	Colunm upto Plinth level-								
	C1-	4	0.30		0.175	0.21			
		4	-	0.30	0.175	0.21			
	Column above plinth								
	C1-	4	0.30	0.20	3.00	3.60			
	C IP	4	-	0.30	3.00	3.60			
	Ground Beam	2	16.00		0.300	9.60			
	(BUILDING SOR ITEM NO 2.1.1/16)					22,26	SQ.M	139.00	3094.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.)					22.20	5Q.M	137.00	3094.00
Ü	structure in built-up sections, trusses and frame work including cutting,								
	hoisting, fixing in position upto a height of 5m above plinth level,								
	consisting of columns trusses, roof and bottom purlins, base plate,								
	holding								
	down bolts, wind ties bracing (if required), bolts, nuts and washers for								
	fastening etc. complete with applying a priming coat of red oxide zinc								
	chromate primer.								
	Shed area	1	6.00		-	60.00			
			3	5KG/S	QM	2100.00	KG	93.50	196350.00
	(BUILDING SOR ITEM NO 9.3.2/80)								
9	10.12 Supply and fixing of polymer precoated galvalume profile sheets								
	(PPGL) of approved size, shape and pitch of corrugation, total coated								
	thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and								
	colour								
	polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet								
	should have protective guard film of 25 microns minimum to avoid								
	scratches while transportation and should be supplied in single length								
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	fixed using self drilling /self tapping screws of size (5.5x 55mm) with								
	EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm								
	diameter with bitumen and G.I. limpet washers or with G.I. limpet								
	washers								
	filled with white lead complete upto any pitch in horizontal/ vertical or								
	curved surfaces excluding the cost of purlins, rafters and trusses and								
	including cutting to size and shape wherever required.								
	Top Roof	1	3.00	10.00	-	30.00			
	Side of Truss	2	3.00		1.50	9.00			
						39.00	SQM	693.00	27027.00
	(BUILDING SOR ITEM NO 10.12/91)							-	
10	10.16 Providing and fixing precoated galvanised steel sheet roofing								
	accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating								
	120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer								
	on both side of the sheet and polyester top coat 15-18 microns using self								
	drilling/ self								
	tapping screws or with polymer coated J or L hooks, bolts and nuts and		10.00			10.00	3.5000	(20.00	****
	10.16.6 Gutter. (600 mm over all girth)	1	10.00			10.00	MTR	629.00	6290.00
11	(BUILDING SOR ITEM NO 10.16/91)								
11	Painting on new work (two or more coats) to give an even shade with								
	Satin synthetic enamel paint								
	Shed truss	4	3.00	_	1.20	14.40			
	Runner	4	10.00		1.20	0.75			
	Pole	4	0.47	0.02	2.10	3.96			
	(BUILDING SOR. ITEM NO14.22.1/134)	7	ψ.¬r /		2.10	19.11	SQM	55.00	1051.05
	(DOLLDING DOM: 11 EM1 110;-17,22,1/104)	l .	l	I	I	1/,11	~ ~ 111	22.00	1001.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
		110.	L	В	II/D	Q11.	UNII	(in Rs.)	(in Rs.)
12	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick cement								
	metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone								
	aggregate of 6 mm size by volume) with metallic hardening compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1								
	metallic floor hardening compound by weight) including finishing etc. complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	3.00	10.00	_	30.00	SQ.M	441.00	13230.00
	(BUILDING SOR HEM NO.12.4/111)	1.00	3.00	10.00	-	30.00	SQ.M	441.00	13230.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks)								
	confirming to IS:12894-2002 of class designation 4.0 in superstructure								
	above plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)	1.00	10.00		1.50	15.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)	1.00	10.00	-	1.50	15.00 15.00	SQ.M	382.00	5730.00
	(BUILDING SOR, ITEM NO 7.4.1/45)					13.00	5Q.M	302.00	3730.00
14	Providing and making 12mm.thick cement plaster of mix:	_							
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand) INNER	1.00	10.00	_	1.50	15.00			
	(BUILDING SOR. ITEM NO11.2/103)	1.00	10.00	-	1.50	15.00	SQ.M	91.50	1372.50
	(Delibert of the later of the l						~ ~~		
15	Providing and making 15mm.thick cement plaster on the rough side of								
	single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	10.00	-	1.50	15.00			
	(BUILDING SOR. ITEM NO11.3/103)					15.00	SQ.M	107.00	1605.00
16	Described and the Australia Adult Distance of the								
16	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit								
	Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per								
	relevant L.S. Code								
	428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison,								
	Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc								
	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing								
	INNER	1.00	10.00	_	1.50	15.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62	1.00	10.00		Total	15.00	SQ.M	64.00	960.00
	,								
17	Providing and applying on exterior surface with ECONOMY Exterior								
	Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish								
	as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi								
	Glossy finish) (Product such as Asian Ace, Dulux Promise Exterior								
	Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One								
	Style Power Bright) inclusive of providing abro tape on edges and article								
	and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year								
	Warranty)								
	OUTER	1.00	10.00	-	1.50	15.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	15.00	SQ.M	70.00	1050.00
								Total Rs.	318081.00

WET WASTE TIPPING SHED AT SWM PLANT (4.00MX3.50M)

	Bas	sed o	on C.	G. P.W	.D BU	ILDIN	NG S.O.R.	IN FORC	E FROM	1 1 JAN 2015
SN	DESCRIPTION OF ITEM		NO	MEAS	SURE	MEN	QTY	RATE	UNIT	AMOUNT
511	DESCRIPTION OF ITEM		NO	L	В	H/D	119	KATE	UNII	AWIOUNI
I	II		III	IV	V	VI	VII	VIII	IX	X
1	Dismantling flag stone flooring laid in									
	cement/lime mortar including stacking of									
	serviceable material and disposal of									
	unserviceable material within 50 metre lead.									
			1	4	12		48			
	(BUILDING SOR ITEM NO 16.8/146)						48	57	Sqm	2,736.00
1	1.1 Excavation for all types and sizes of									
	foundations, trenches and drains or for any									
	other purpose including disposal of excavated									
	stuff upto 1.5 m lift and lead upto 50m (at least									
	1.1.1 In all types of soils.		1	1.50	1.70	1.70	12.50			
	F1(1500X1500)		4	1.50	1.50	1.50	13.50	105.00		2 407 50
	total	1	I				13.50	185.00	cum	2,497.50
	1.10 Durviding and filling in alight with good									
2	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in									
	layers not exceeding 20cm in depth									
	consolidating each deposited layer by									
	ramming and watering, including dressing									
	etc complete.									
	Footing									
	F1(1500X1500)		4	1.50	1.50	0.10	0.90			
	total		!				0.90	371.00	cum	333.90
3	3.1 Providing and laying nominal mix plain									
	cement concrete with crushed stone aggregate									
	using concrete mixer in all works upto plinth									
	level excluding cost of form work.									
					_					
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6									
	graded stone aggregate 40mm nominal size).									
	Footing									
	F1(1500X1500)		4	1.50	1.50	0.10				
	total		I	1	1		0.90	2970.00	cum	2,673.00
<u> </u>										

CNI	DESCRIPTION OF ITEM		NO	MEAS	SUREMEN		O/EX/	DATE		AMOUNT
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
4	2.1 Providing and fixing form work including									
	centring, shuttering, strutting, staging,									
	propping bracing etc. complete and including									
	its removal									
	2.1.1 Foundations, footings, bases of columns									
	plinth beam, curtain wall in any shape and size									
	and all type of wall below plinth level.									
	Footings									
	F1(1500X1500)	2	4	1.30		0.15	1.56			
		2	4		1.30	0.15	1.56			
	Column upto G L									
	C1(300X300)	2	4	0.30		0.65	1.56			
		2	4	0.30		0.65	1.56			
	Column above G L									
	C1(300X300)	2	4	0.30		0.30	0.72			
		2	4	0.30		0.30	0.72			
	total						7.68	139.00	sqm	1,067.52
5	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed stone									
	aggregate using concrete mixer in all works up									
	to plinth level excluding cost of form work									
	3.2.1 1:1½:3 (1 cement : $1\frac{1}{2}$ coarse sand : 3									
	graded stone aggregate 20mm nominal size).									
	F1(1800X1800)		4	1.30	1.30		1.35			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.		4			0.20	0.80			
	2+0.2)/2))									
	Subtotal a						2.15			
	Column upto G L			0.20	0.20	0.65	0.22			
	C1(300X300)		4	0.30	0.30	0.65	0.23			
	Subtotal b						0.23			
	Column above G L		4	0.20	0.20	0.20	0.11			
	C1(300X300)		4	0.30	0.30	0.30	0.11			
	Subtotal c						0.11	41(2.00		10 202 52
_	total (a+b+c)						2.49	4163.00	cum	10,382.52
<u> </u>	3.12 Providing and placing in position									
"	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
<u> </u>	3.12.1 Thermo-Mechanically treated bars FE									
	415									
	Footing			2.15	1.00	####	168.93			
	i ooung			4.13	1.00	π ππ11	100.73			

				MEASUREMEN						
SN	DESCRIPTION OF ITEM		NO	L	B	H/D	QTY	RATE	UNIT	AMOUNT
T	II	-	III	IV	V	VI	VII	VIII	IX	X
_	Column			0.34		####	26.85	V 111	272	12
	total				-,,,		195.78	54.50	Kg	10,669.96
									8	
7	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.									
	Total qty of excavation - sand filling+PCC+RCC upto GL						9.21			
	total						9.21	38.15	cum	351.21
8	11.2 Providing and making 12mm thick cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine									
	C1(300X300)	4	4	0.30		0.30	1.44			
	total						1.44	91.50	sqm	131.76
9	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind 9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	4	4.50	####	-	383.40			
	Truss On Shed									
	Tie Beam 50mm dia @6.19Kg/meter	1	1		6.19		37.14			
	Rafter 50mm dia @6.19Kg/meter	1	2	3.38			41.84			
	Intermediate members 50mm dia @6.19Kg/meter		2		6.19		55.71			
	Purlins 40mm dia @ 4.37Kg/meter (On Top)	1	4	5.50	4.37	-	96.14			
	Gusset Plate, Fixing Bolt and Base Plate Etc						140.00			
	total						754.23	88.50	Kg	66,749.36

CNI	DECCRIPTION OF ITEM		NO	MEAS	MEASUREMEN		O/EXV	DATE		AMOUNT
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
10	10.12 Supply and fixing of polymer									
	precoated galvalume profile sheets (PPGL) of									
	approved size, shape and pitch of corrugation,									
	total coated thickness (TCT) 0.60 mm +/- 5%,									
	epoxy primer on both side of the sheet and									
	colour polyester top coat 18-20 microns and									
	6-7 microns on bottom. Sheet should have									
	protective guard film of 25 microns minimum									
	to avoid scratches while transportation and									
	should be supplied in single length upto 12									
	metre or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L									
	hooks, bolts and nuts 8mm diameter with PWD S.O.RP-91/I-10.11									
	Roofing		2	3.38	5.50		37.18			
	total						37.18	693.00	sqm	25,765.74
										,
11	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness (TCT),									
	Zinc coating 120gsm as per IS: 277 in 240mpa									
	steel grade, 5-7 microns epoxy primer on both									
	side of the sheet and polyester top coat 15-18									
	microns using self drilling/ self tapping screws									
	or with polymer coated J or L hooks, bolts and									
	10.16.1 Ridges plain (500-600mm)		1	5.50			7.70			
	Ridge		1	5.50			5.50	553.00	4	2.026.00
	total						5.50	552.00	mtr	3,036.00
12	10.16.6 Gutter. (600 mm over all girth).									
12	Gutter		2	5.50			11.00			
	total			3.30			11.00	629.00	mtr	6,919.00
	total						11.00	027.00	mer	0,515.00
13	14.22 Painting on new work (two or more									
-	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	18.00			54.00			
	Truss	2	2	#####			327.00			
	total						381.00	47.00	sqm	17,907.00
									1	

SN	DESCRIPTION OF ITEM		NO	MEAS	ASUREMEN		QTY	RATE	UNIT	AMOUNT
511	DESCRIPTION OF ITEM		110	L	В	H/D	119	KATE	UNII	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
14	18.76 Providing and fixing on wall									
	face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm) including									
	required couplers, jointing with seal ring. 18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
										,
15	52 mm thick cement concrete flooring with									
	under layer of 40mm thick cement concrete									
	1:2:4 (1 cement : 2 coarse sand : 4 graded stone									
	aggregate 20mm nominal size) and top layer of									
	12 mm thick cement metallic hardener concrete									
	mix 1:2 (1 cement hardener mix : 2 stone									
	aggregate of 6 mm size by volume) with									
	metallic hardening compound of approved									
	quality mixed with cement in ratio of 4:1 (4									
	cement: 1 metallic floor hardening compound									
	by weight) including finishing etc. complete.									
	(BUILDING SOR ITEM NO.12.4/111)		###	4.50	3.00	-	13.50	SQ.M	441.00	5953.50
									Total	161,979.96
				A	dd 3%	6 Elec	trical and	`		4,859.40
GRAND TOTAL 16									166,839.36	

(Buile	ding SOR Ite	ms) W.E.F 01/01/2015								
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM FLOORING	WORI	K						
		(Average) thick base of cement mortar 1:4 laid over and								
	(BUILDING	jointed with grey cement slurry mixed with pigment to match								
1	SOR ITEM NO.	the shade of the slab including grinding rubbing and								
	12.49/118)	polishing etc. complete (Area of slab to be over 0.20 SQ.M								
		and unto 0.50 SO M)								
			1.00	12.00	27.00		324.00			
		Add 10% Extra	1.00	12.00	27.00	-	32.40			
		Add 10/0 Extra					356.40	SQ.M	897.00	319690.80
							300.10	54	077.00	217070.00
		SLRM PAINTING	WORK							
		Providing and applying Acrylic washable Distemper or lite								
		economy Plastic emulsion paint having VOC content less								
	A	than 50gms/ lit Minimum two coats up to final finish applied								
	As per Ammendment	@ 1.25 Kg/ 10Sqm as per relevant L.S. Code								
9	no 08,	428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product								
	05/05/2025	such as Asian Tactor Spark Dulux Pomise sheen, Neroloc								
	item no.16.62	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive								
		of providing abro tape on edges and article and cleaning of								
		door, windows, floor and surface as required with all tools								
		tackles and labour complete for the work		10		2.5	102.00			
		INSIDE	2	13	-	3.5	182.00 42.00			
		Door Deduct	4	1.2	_	2.1	10.08			
		Window Deduct	7	0.9	_	1.2	7.56			
		William Bodate				Total	206.36	Sqm	64.00	13207.04
		Providing and applying on exterior surface with ECONOMY								
		Exterior Emulsion paint of required shades to give protective								
	A	and water proof finish minimum three coats applied @ 1.43								
	As per Ammendment	lit / 10Sqm up to final finish as per relevant I.S, Code								
10	no 08,	15489:2013 Type -2 Class D,C (Glossy/Semi Glossy finish)								
10	05/05/2025	(Product such as Asian Ace, Dulux Promise Exterior Berger								
	item no.14.67	Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on								
		edges and article and cleaning of door, windows, floor and								
		surface as required with all tools tackles and labour etc.								
		OUTSIDE	2	13	_	3.5	91.00			
		0010102	2	6	-	3.5	42.00			
		Boundary Wall	2	144	-	2	576.00			
		Door Deduct	4	1.2	-	2.1	10.08			
		Window Deduct	7	0.9	-	1.2	7.56			
						Total	691.36	Sqm	70.00	48395.20
	As per	Providing and applying priming coat on steel work with red								
1.	Ammendment	Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per								
11	no 08, 05/05/2025	relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer)								
	item no.14.74	with all tools tackles and labour etc. complete for the work								
	10.17.77	Premium synthetic enamel paint								
		On Steel								
			4.00	0.9	2.10		7.56			
		Window	7.00	0.9	1.20		7.56			
		Main Entry Gate	1.00	3.0	2.00		6.00			
					Total		21.12			
		Add 20% Extra					4.22	~	25.05	00= :
]	25.34	Sqm	35.00	887.04

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
12	As per Ammendment no 08, 05/05/2025 item no.14.76	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					25.34	sqm	43.00	1089.79
		WATER PROOFING	OF SL	AB						
13		Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of following applications including surface preparation: 1st layer of slurry of cement @ 0.488 kg/SQ.M mixed with water proofing cement compound @ 0.253 kg/SQ.M 2nd layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than								
		Slab Area	1.00	110	.00		110.00	2016		24420
							110.00	SQ.M	283.00	31130.00
		GATE								
14	(BUILDING SOR. ITEM NO 9.6.2/80)	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
		Gate	1	3.00	2.10		6.30			
		Gate	1		KG/SQ		189.00	KG	68.00	12852.00
	•								TOTAL	427251.87

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

	KAIN WATER IMARY ESTIM	_ (- /				
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains or for any								
	other purpose including disposal of excavated stuff upto 1.5 m lift and lead							185.00 4163.00	
	upto 50m (at least 5m away from the excavated area), including dressing and								
	leveling of pits. In all types of soil								
	(BUILDING SOR, ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with crushed								
	stone aggregate using concrete mixer in all works upto plinth level excluding								
	cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal								
	size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
	Top Slab-	2	1.00	0.20	0.20				
	(BUILDING SOR ITEM NO3.9/24)	1	1.40	1.40	0.10	0.20	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work including					0.37	CUM	4105.00	1023.37
3	straightening, cutting, bending, binding etc. complete as per drawings								
	including cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415								
		Qty. a	s per ite	em No	3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)		<u>50 kg</u>	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to								
	IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)	1	4.00	0.20	1.40	1.24	CHM	22(2.00	4205 45
-	(BUILDING SOR ITEM NO7.5.4/45) Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand,	1	4.80	0.20	1.40	1.34	CUM	3203.00	4385.47
5	in recharge pit, in the required layers and thickness, for all leads & lifts, all								
	complete as per direction of Engineer-in-charge. (excavation of pit will be paid								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	1	1.00		0.30				241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00		0.20	0.20	CUM		94.20
	(BUILDING SOR ITEM NO21.14/201)								
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains or for any								
	other purpose including disposal of excavated stuff upto 1.5 m lift and lead								
	upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185 00	832.50
	(BUILDING SOR ITEM NO1.1/9)	1	30.0	0.50	0.50	4.50	COM	105.00	002.00
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth,								
	sides of foundation etc. in layers not exceeding 20cm. In depth consolidation								
	each deposited layer by ramming and watering with a lead upto 50M. And lift								
	upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
8	Providing and filling in open area with sand /crusher dust and hard moorum								
o	under floor in layers not exceeding 20 cm in depth and consolidating each								
	deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)]						

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
Total Rs.									32001.00

" PLUMBING & SANITARY WORK "

	I LUMBING & SAIN	HAN	11 11	UKI	<u> </u>				
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.00
3	(BUILDING SOR ITEM NO18.1/160) Providing and fixing 10 litre capacity P.V.C. low level flushing cistern								
3	conforming to IS: 7231, with all fittings and fixtures complete.								
	18.7.2 Coloured	2	_	_	_	2.00	EACH	837.00	1,674.00
	(BUILDING SOR ITEM NO18.7/161)					2,00	Liten	007100	1,07 1.00
4	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)								
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm		-	-	-	5.00		154.00	770.00
	Vent covel							_	
	18.77.3.1 75 mm	4	-	-	-	4.00		34.00	136.00
	18.77.3.2 110 mm	4	-	-	-	4.00	EACH	44.00	176.00
	Access door cap					10.00	EACH	40.50	40,500
	18.77.4.1 75 mm 18.77.4.2 110 mm	10	-	-	-	10.00 10.00		49.50 59.00	495.00 590.00
	18.77.4.2 110 mm 18.77.6 Nahani Trap 110		 -			10.00		90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)	10	<u> </u>		-	10.00	EACH	70.30	703.00
	(DOIDDING BOK HEM NO-10-1//1/0)				l				

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips of approved design to Rigid PVC pipes by means of 50 x 50 x 50 mm hard wood plugs, screwed with M.S. screwes of required length including cutting brick work and fixing in cement mortar 1:4 (1cement :4 coarse sand) and making good the wall etc. complete.							(III 1456)	(iii 1iii)
	18.78.1 75 mm	10	-	-	-	10.00	EACH	57.00	570.00
	18.78.2 110 mm	10	-	-	-	10.00	EACH	61.00	610.00
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	167.00	835.00
9	RUILDING SOR ITEM NO19.5/176) Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.INTERNAL WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	-	_	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	1	5.00	-	_	5.00	MTR	362.00	1,810.00
	(BUILDING SOR ITEM NO19.5/176)								
10	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)								
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:								
	19.14.1 Bib cock (400 grams)	2	_	-	_	2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00		494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate	2	-	-	-	2.00	EACH	163.00	326.00
12	(BUILDING SOR ITEM NO19.14/179) Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia								
13	(BUILDING SOR ITEM NO18.25.2/164) Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	4	-	-	-	4.00	EACH	88.50	354.00
	(BUILDING SOR ITEM NO18.29/164)	2	-	-	-	2.00	EACH	599.00	1,198.00

14			L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
14	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:								
	18.30.1 5mm thick mirror								
	(BUILDING SOR ITEM NO18.30/164)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
15	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								,
	19.10.4 50 mm nominal bore	5	_	_	_	5.00	EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO19.10/178)	,					2.1011	•	1,.00.00
16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO19.16/179)								
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	_	_	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)	-	10.00			10.00	MIIK	102.00	1,020.00
18	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	lina :	1	-	-	-	1.00	EACH	3796.00	3,796.00
19	(BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(DITH DING COD ITEM NO. 10 10/10/0	1.00	_	-	-	1000.00	LTR	7.30	7,300.00
	(BUILDING SOR ITEM NO 19.42/184)								

ELECTRIFICATION WORKS

		er CG Electrical SOR 2020				
S.No.	Item No.	Particulars	Quantity	Unit	Rate	Amount
		Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper				
		conductor wire for phase, neutral and earth in				
		concealed FRLS PVC conduit (heavy duty, thickness				
1	1.7	of pipe should be 2 mm) with 5/6 amp modular				
		switch,				
		modular base and cover plate, suitable size				
		G.I. box as per specification and IS: 694 (2010), IS:				
	1.7.1	Short Point	8.00	Point	266.00	2128.00
	1.7.2	Medium Point	27.00	Point	424.00	11448.00
	1.7.3	Long Point	8.00	Point	588.00	4704.00
		Extra for providing and fixing light plug point on				
		board in concealed FRLS PVC conduit (heavy duty,				
		thickness of pipe should be 2 mm) point wiring with				
2	1.9	modular type 3 pin 5/6 amp socket outlet and 5/6 amp	6.00	Point	216.00	1296.00
		switch including cost of base and cover plate and G. I.				
		box etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)				
		(2010), 13. 9337 (2000 1 att 3)				
		Wiring for circuit/ sub main wiring along with earth				
		wire with the				
		following sizes of FRLS PVC insulated copper				
		conductor, wire in				
3	1.13	concealed FRLS PVC conduit (heavy duty, thickness				
		of pipe				
		should be 2 mm) as per specification and IS: 694				
		(2010), IS: 9537				
		(2000 Part 5)				
	1.13.1	3 X 1.5 sq. mm in 20mm conduit	27.00	Metre	92.00	2484.00
	1.13.8	3 X 10 sq. mm in 25mm conduit	10.00	Metre	270.00	2700.00
		Supplying and fixing of following sizes FRLS PVC				
		conduit (heavy				
		duty, thickness of pipe should be 2 mm) along with				
4	1.15	accessories in				
7	1.13	concealed complete as per specification and IS: 9537				
		(2000 Part				
		5)				
	1.15.1	20 mm	80.00	Metre	42.00	3360.00
5	5.1	Supplying and fixing following piano type switch,				
		socket, other accessories on the existing switch box/ cover including				
		connections etc. as per specification.				
	5.1.12	Fan regulator	10.00	Each	130.00	1300.00
	3.1.12	i an regulator	10.00	Eacil	130.00	1300.00
6	5.11	Providing and fixing fan clamp made of 3mm thick				
		MS flat on existing iron				
		trusses/ girder including necessary bolts and				
		nuts etc. as per specification.				
			10.00	Each	40.00	400.00

S.No.	Item No.	Particulars	Quantity	Unit	Rate	Amount
7	6.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 1 star and above, IS: 374:2019 including all amendments.				
	6.1.1	600 mm sweep	10.00	Each	1477.00	14770.00
8	6.19.3	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.				
	6.15.3	18/20 watt {4 feet}	10.00	Each	443.00	4430.00
					T. (1	40020.00
					Total	49020.00

" SHED EXTENSION - 4.0 X 12.0 "

S.No. PARTICULAR 1 Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead. 1 6.00 12.00 72.00 (BUILDING SOR ITEM NO 16.8/146) 2 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. FI- 4 1.50 1.50 1.80 16.20 (BUILDING SOR ITEM NO1.1.1/9) 3 Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. FI- 4 1.50 1.50 1.80 16.20 (Disposario in 1.50 1.80 16.20 (Disposario in 1.50 1.50 1.80 16.20 (Disposario in 1.50 1.50 1.50 1.50 1.50 1.50 (Disposario in 1.50 1.50 (Disposario in 1.50 (Dis		
including stacking of serviceable material and disposal of unserviceable material within 50 metre lead. 1 6.00 12.00 72.00	RATE (in Rs.)	AMOUNT (in Rs.)
(BUILDING SOR ITEM NO 16.8/146) Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. F1- 4 1.50 1.50 1.80 16.20 (BUILDING SOR ITEM NO1.1.1/9) Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. F1- 4 1.50 1.50 1.80 16.20 Deduction- Sand cushion, pcc,footing,column up to GL. F1- 4 1.50 1.50 0.15 1.35 Floor 1 6.00 12.00 0.15 10.80 (BUILDING SOR. ITEM NO1.18/11) Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in floundation, plinth and at ground level excluding cost of form work. 1:3.6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23)		
BUILDING SOR ITEM NO 16.8/146) 72.00 SQ.1		
2 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. F1- 4 1.50 1.50 1.80 16.20 CUN (BUILDING SOR ITEM NO1.1.1/9) 16.20 CUN 3 Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in deepth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. F1- 4 1.50 1.50 1.80 16.20 Deduction- Sand cushion, pcc, footing, column up to GL- F1- 4 1.50 1.50 0.15 1.35 Floor 1 6.00 12.00 0.15 10.80 (BUILDING SOR. ITEM NO1.18/11) 24.03 CUN 4 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3.6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 CUN T1- 4 1.50 1.50 0.15 1.35 CUN T1- 4 1.50 1.50 0.15 1.35 CUN T1- 4 1.50 1.50 0.15 1.35 CUN	57.00	4104.00
and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. F1- 4 1.50 1.50 1.80 16.20 (BUILDING SOR ITEM NO1.1.1/9) Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. F1- 4 1.50 1.50 1.80 16.20 Deduction- Sand cushion, pcc,footing,column up to GL F1- 4 1.50 1.50 0.15 1.35 Floor 1 6.00 12.00 0.15 10.80 (BUILDING SOR. ITEM NO1.18/11) Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 CUN T1- 4 1.50 1.50 0.15 1.35 CUN	27.00	1101100
BUILDING SOR ITEM NO1.1.1/9) 16.20 CUM		
Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. F1- 4 1.50 1.50 1.80 16.20 Deduction- Sand cushion, pcc, footing, column up to GL- F1- 4 1.50 1.50 0.15 1.35 Floor 1 6.00 12.00 0.15 10.80 (BUILDING SOR. ITEM NO1.18/11) Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 CUM		
hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. F1- 4 1.50 1.50 1.80 16.20 Deduction- Sand cushion, pcc,footing,column up to GL- F1- 4 1.50 1.50 0.15 1.35 Floor 1 6.00 12.00 0.15 10.80 (BUILDING SOR. ITEM NO1.18/11) Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20	185.00	2997.00
Deduction- Sand cushion, pcc, footing, column up to GL- F1- 4 1.50 1.50 0.15 1.35 Floor 1 6.00 12.00 0.15 10.80 (BUILDING SOR. ITEM NO1.18/11) 24.03 CUM Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) F1- 4 1.50 1.50 0.15 1.35 CUM T1- 4 1.50 1.50 0.15 1.35 CUM		
F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO1.18/11) 4 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) 5 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20		
Floor 1 6.00 12.00 0.15 10.80		
BUILDING SOR. ITEM NO1.18/11) 24.03 CUM		
Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20		
with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10 F1- 4 1.50 1.50 0.15 1.35 (BUILDING SOR. ITEM NO 3.1.3/23) 5 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20	371.00	8915.00
(BUILDING SOR. ITEM NO 3.1.3/23) 5 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20		
Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20		
concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : ½ coarse sand : 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20	2970.00	4009.50
roomg-		
F1- 4 1.20 1.20 0.20 1.15		
Colunm upto Ground level-		
C1- 4 0.30 0.30 1.30 0.47		
Colunm upto Plinth level-		
C1- 4 0.30 0.30 0.175 0.06		
Colunm above Plinth level-		
C1- 4 0.30 0.30 3.000 1.08		
Ground Beam 2 24.00 0.30 0.200 2.88		
(BUILDING SOR ITEM NO 3.2/23) 5.64 CUN	4163.00	23492.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415							(11 2130)	(112100)
		Qua	ntity as	•	n 3.3	5.64			
	(BUILDING SOR. ITEM NO3.12.1/24)		<u>80kg</u>	<u>/cum</u>		451.44	KG	54.50	24603.00
7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below								
	Footing-								
	F1-	8	1.20	-	0.20	1.92			
		8	-	1.20	0.20	1.92			
	Colunm upto Ground level-								
	C1-	8	0.30	-	1.30	3.12			
		8	-	0.30	1.30	3.12			
	Column upto Plinth level-	0	0.30		0.175	0.42			
	C1-	8	0.30	0.30	0.175 0.175	0.42			
	Column above plinth		-	0.30	0.173	0.42			
	C1-	4	0.30		3.00	3.60			
		4	-	0.30	3.00	3.60			
	Ground Beam	2	24.00		0.30	14.40			
	(BUILDING SOR ITEM NO 2.1.1/16)					32.52	SQ.M	139.00	4520.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. 9.3.2 Electric resistance or induction butt welded tubes								
	Shed area	1	6.00	12.00	-	72.00			
				KG/SQ	M	2520.00	KG	93.50	235620.00
	(BUILDING SOR ITEM NO 9.3.2/80)								

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
9	10.12 Supply and fixing of polymer precoated galvalume								
	profile sheets (PPGL) of approved size, shape and pitch of								
	corrugation, total coated thickness								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour								
	polyester top coat 18-20 microns and 6-7 microns on								
	bottom. Sheet								
	should have protective guard film of 25 microns minimum								
	to avoid								
	scratches while transportation and should be supplied in								
	single length								
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	fixed using self drilling /self tapping screws of size (5.5x								
	55mm) with								
	EPDM seal or with polymer coated J or L hooks, bolts and								
	nuts 8mm								
	diameter with hituman and C.I. limnet weathers or with C.I. Top Roof	2	6.20	6.00	_	74.40			
	Side of Truss	1	12.40	0.00	1.50	18.60			
						93.00	SQM	693.00	64449.00
	(BUILDING SOR ITEM NO 10.12/91)								
10	10.16 Providing and fixing precoated galvanised steel sheet								
	roofing accessories 0.50 mm +/- 5% total coated thickness								
	(TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel								
	grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self								
	tapping screws or with polymer coated J or L hooks, bolts								
	and nuts and or								
	G.I. seam bolts and nuts, G.I. plain and bitumen washers								
	complete :								
	10.16.1 Ridges plain (500-600mm)	1	6.00			6.00	MTR	552.00	3312.00
	10.16.6 Gutter. (600 mm over all girth)	2	6.00			12.00	MTR	629.00	7548.00
	(BUILDING SOR ITEM NO 10.16/91)								
11	Painting on new work (two or more coats) to give an even								
	shade with Satin synthetic enamel paint								
	Shed truss	1	12.00	_	1.50	18.00			
	Runner	12	6.00	0.02	1.00	1.36			
	Pole	4	0.63		2.10	5.28			
	(BUILDING SOR. ITEM NO14.22.1/134)					24.63	SQM	55.00	1354.74
12	52 mm thick cement concrete flooring with under layer of								
	40mm thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded								
	stone aggregate 20mm nominal size) and top layer of 12 mm thick								
	cement								
	metallic hardener concrete mix 1:2 (1 cement hardener mix :								
	2 stone								
	aggregate of 6 mm size by volume) with metallic hardening								
	compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1								
	metallic floor hardening compound by weight) including								
	finishing etc.								
	complete.								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
	(BUILDING SOR ITEM NO.12.4/111)	1.00	12.00	6.00		72.00	SQ.M	(in Rs.) 441.00	(in Rs.) 31752.00
	(BUILDING SOR HEM NO.12.4/111)	1.00	12.00	0.00	-	72.00	M.ya	441.00	31732.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level: Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	12.00	-	3.00	36.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					36.00	SQ.M	382.00	13752.00
14	Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:6 (1 Cement : 6 fine Sand)		1.00			25.00			
	INNER	1.00	12.00	-	3.00	36.00	COM	01.50	2204.00
	(BUILDING SOR. ITEM NO11.2/103)					36.00	SQ.M	91.50	3294.00
15	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	12.00	-	3.00	36.00			
	(BUILDING SOR. ITEM NO11.3/103)					36.00	SQ.M	107.00	3852.00
16	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.	1.00	12.00		3.00	36.00			
	INNER As per Ammendment no 08, 05/05/2025 item no.16.62	1.00	12.00	-	Total	36.00	SQ.M	64.00	2304.00
	235 per 14mmenument no 00, 05/05/2025 item no.10.02				Iotal	20.00	50.111	01.00	#604.00
	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta,Nerolac Suraksha Plus, Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year								
	OUTER	1.00	12.00		3.00	36.00			
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	36.00	SQ.M	70.00	2520.00
								Total Rs.	442398.00

" SHED FOR BALED & RECYCLABLE MATERIAL - 35.0 X 3.0 M "

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.							(======================================	()
		1	35.00	3.00		105.00			
	(BUILDING SOR ITEM NO 16.8/146)	1	33.00	3.00		105.00	SQ.M	57.00	5985.00
	(BUILDING SORTIEM NO 10.8/140)					103.00	50.11	37.00	3703.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
			4.50	4.50	1.00	10.00			
	FI-	12	1.50	1.50	1.80	48.60 48.60	CUM	185.00	9001.00
3	(BUILDING SOR ITEM NO1.1.1/9) Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.	10	1.50	1.50	1.00		CUM	165.00	8991.00
	F1-	12	1.50	1.50	1.80	48.60 -12.96			
	Deduction- Sand cushion, pcc,footing,column up to GL- F1-	12	1.50	1.50	0.15	4.05			
	Floor	1	35.00	3.00	0.15	15.75			
	(BUILDING SOR. ITEM NO1.18/11)					55.44	CUM	371.00	20568.00
4	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-								
	F1-	12	1.50	1.50	0.15	4.05			
	Floor (BUILDING SOR. ITEM NO 3.1.3/23)	1	35.00	3.00	0.10	10.50 14.55	CUM	2970.00	43213.50
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size). Grade of Concrete M-20								
	Footing-								
	F1-	12	1.20	1.20	0.20	3.46			
	Column upto Ground level-	12	0.30	0.30	1.30	1.40			
	C1- Columm upto Plinth level-	12	0.30	0.30	1.30	1.40			
	Cl-	12	0.30	0.30	0.175	0.19			
	Colunm above Plinth level-								
	C1-	12	0.30	0.30	3.00	3.24			
	Kerb wall	2	41.00	0.30	0.20	4.92			
	(BUILDING SOR ITEM NO 3.2/23)					13.21	CUM	4163.00	54989.00
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415					13.21	COM	4103.00	34707.00
		Qu	antity as	per ite	m 3.3	13.21			
	(BUILDING SOR. ITEM NO3.12.1/24)	Ì		g/cum		1056.72			57591.00
	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	Footing-								
	F1-	24	1.20	-	0.20	5.76			
		24	-	1.20	0.20	5.76			
	Columm upto Ground level-	24	0.20		1.20	9.36			
	C1-	24	0.30	-	1.30	9.36			

CN	DADTICHH AD	NO	т	n	II/D	OTV	LINITE	RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
	Calinum unda Diindh land	24	-	0.30	1.30	9.36			
	Column upto Plinth level-	24	0.20		0.175	1.26			
	C1-	24	0.30	0.30	0.175 0.175	1.26			
	Column above plinth	24	-	0.30	0.173	1.20			
	C1-	24	0.30		3.00	21.60			
	CI-	24	0.50	0.30	3.00	21.60			
	Kerb wall	2	41.00	0.50	0.300	24.60			
	11010 11111		11.00		0.500				
	(BUILDING SOR ITEM NO 2.1.1/16)					100.56	SQ.M	139.00	13978.00
8	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.)								
	structure in built-up sections, trusses and frame work including cutting,								
	hoisting, fixing in position upto a height of 5m above plinth level,								
	consisting of columns trusses, roof and bottom purlins, base plate, holding								
	down bolts, wind ties bracing (if required), bolts, nuts and washers for								
	fastening etc. complete with applying a priming coat of red oxide zinc								
	chromate primer.								
	9.3.2 Electric resistance or induction butt welded tubes Grade-300								
	Shed area	1	33.00		-	99.00			
			35	SKG/S(QM	3465.00	KG	93.50	323977.50
	(BUILDING SOR ITEM NO 9.3.2/80)								
	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of								
	approved size, shape and pitch of corrugation, total coated thickness								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour								
	polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet								
	should have protective guard film of 25 microns minimum to avoid								
	scratches while transportation and should be supplied in single length								
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm								
	diameter with bitumen and G.I. limpet washers or with G.I. limpet washers								
	filled with white lead complete upto any pitch in horizontal/ vertical or								
	curved surfaces excluding the cost of purlins, rafters and trusses and								
	including cutting to size and shape wherever required.								
	morating catcing to size and shape wherever required.								
	T D c	1	2.50	22.00		77.00			
	Top Roof Side of Truss	2	3.50	22.00	1.50	77.00 10.50			
	Side of fluss		3.30		1.50	87.50	SQM	693.00	60637.50
	(BUILDING SOR ITEM NO 10.12/91)					07.30	BUNI	073.00	00037.30
	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories								
	0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277								
	in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and								
	polyester top coat 15-18 microns using self drilling/ self								
	tapping screws or with polymer coated J or L hooks, bolts and nuts and or								
	G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								
	10.16.6 Gutter. (600 mm over all girth)	1	22.00			22.00	MTR	629.00	13838.00
	(BUILDING SOR ITEM NO 10.16/91)	1	22.00			22.00	.,,,,,,,	047.00	15050.00
11	Painting on new work (two or more coats) to give an even shade with Satin								
	synthetic enamel paint								
	Shed truss	12	3.00	_	1.20	43.20			
	Runner		4.00	0.02	20	0.30			
	Pole		0.47		2.10	11.87			
	100								

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
12	52 mm thick cement concrete flooring with under layer of 40mm thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone								
	aggregate of 6 mm size by volume) with metallic hardening compound								
	of approved quality mixed with cement in ratio of 4:1 (4 cement : 1								
	metallic floor hardening compound by weight) including finishing etc.								
	complete.								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	35.00	3.00	-	105.00	SQ.M	441.00	46305.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks)								
13	confirming to IS:12894-2002 of class designation 4.0 in superstructure above								
	plinth level upto plinth level:								
	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	41.00	-	3.00	123.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					123.00	SQ.M	382.00	46986.00
14	Providing and making 12mm.thick cement plaster of mix:								
14	In Cement Mortar 1:6 (1 Cement: 6 fine Sand)								
	INNER	1.00	41.00	-	3.00	123.00			
	(BUILDING SOR. ITEM NO11.2/103)					123.00	SQ.M	91.50	11254.50
15	Drawiding and making 15 mm thick compat plactor on the rough side of single or								
15	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix.								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	41.00	-	3.00	123.00			
	(BUILDING SOR. ITEM NO11.3/103)					123.00	SQ.M	107.00	13161.00
4.6									
	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to								
	final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code								
	428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus								
	Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise								
	sheen, Neroloc								
	Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required								
	with all tools tackles and labour complete for the work.								
	INNER	1.00	41.00	-	3.00	123.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	123.00	SQ.M	64.00	7872.00
	Providing and applying on exterior surface with ECONOMY Exterior Emulsion								
	paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code								
	coats applied @ 1.43 lit / 105qm up to final finish as per relevant i.s, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as								
	Asian Ace, Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus ,								
	Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on								
	edges and article and cleaning of door, windows, floor and surface as required with								
	all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
	OUTER	1.00	41.00	_	3.00	123.00			
							 	=0.00	0.610.00
	As per Ammendment no 08, 05/05/2025 item no.14.67				Total	123.00	SQ.M	70.00	8610.00

WET WASTE TIPPING SHED AT SWM PLANT (4.00MX3.50M)

	Bas	ed o	n C. C	6. P.W.	D BUI	LDING	G S.O.R.	IN FORC	E FROM	1 1 JAN 2015
CNI	DECODIDATION OF ITEM		NO	MEA	SURE	MEN	OTV	DATE	LINIT	AMOUNT
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
1	Dismantling flag stone flooring laid in									
	cement/lime mortar including stacking of									
	serviceable material and disposal of									
	unserviceable material within 50 metre lead.									
			1	4	12		48			
	(BUILDING SOR ITEM NO 16.8/146)						48	57	Sqm	2,736.00
1	1.1 Excavation for all types and sizes of									
	foundations, trenches and drains or for any									
	other purpose including disposal of excavated									
	stuff upto 1.5 m lift and lead upto 50m (at least									
	1.1.1 In all types of soils.									
	F1(1500X1500)		4	1.50	1.50	1.50	13.50			
	total						13.50	185.00	cum	2,497.50
										, , , , , , , , , , , , , , , , , , , ,
2	1.18 Providing and filling in plinth with sand/									
	Crusher dust and hard moorum under floor in									
	layers not exceeding 20cm in depth									
	consolidating each deposited layer by									
	ramming and watering, including dressing									
	etc complete.									
	Footing									
	F1(1500X1500)		4	1.50	1.50	0.10	0.90			
	total						0.90	371.00	cum	333.90
3	3.1 Providing and laying nominal mix plain									
	cement concrete with crushed stone aggregate									
	using concrete mixer in all works upto plinth									
	level excluding cost of form work.									
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6									
	graded stone aggregate 40mm nominal size).									
	Footing									
	F1(1500X1500)		4	1.50	1.50	0.10	0.90			
	total	!	<u> </u>			2.20		2970.00	cum	2,673.00
							0.00		Julii	_,0,0,0
		\vdash								
4	2.1 Providing and fixing form work including									
•	centring, shuttering, strutting, staging, propping									
	bracing etc. complete and including its removal									
	complete and merdaning its removal									

SN	DESCRIPTION OF ITEM		NO	MEAS	SURE	MEN	OTV	RATE	UNIT	AMOUNT
SIN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	KAIL	UNII	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
	2.1.1 Foundations, footings, bases of columns									
	plinth beam, curtain wall in any shape and size									
	and all type of wall below plinth level.									
	Footings									
	F1(1500X1500)	2	4	1.30		0.15	1.56			
		2	4		1.30	0.15	1.56			
	Column upto G L									
	C1(300X300)	2	4	0.30		0.65	1.56			
		2	4	0.30		0.65	1.56			
	Column above G L									
	C1(300X300)	2	4	0.30		0.30	0.72			
		2	4	0.30		0.30	0.72			
	total						7.68	139.00	sqm	1,067.52
							7.00	107.00	sqiii	1,007.52
5	3.2 Providing and laying nominal mix									
9	reinforced cement concrete with crushed stone									
	aggregate using concrete mixer in all works up									
	to plinth level excluding cost of form work									
	to pilitil level excluding cost of form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3									
	graded stone aggregate 20mm nominal size).									
	F1(1800X1800)		4	1.30	1.30	0.20	1.35			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.2		4	1.50	1.50	0.20	0.80			
	+0.2)/2))		4			0.20	0.80			
	Subtotal a						2.15			
	Column upto G L						2.13			
	C1(300X300)		4	0.30	0.30	0.65	0.23			
	Subtotal b			0.50	0.50	0.03	0.23			
	Column above G L						0.23			
			1	0.20	0.30	0.20	Λ 11			
	C1(300X300)		4	0.30	0.30	0.30				
	Subtotal c						0.11	44.62.00		10 202 #2
	total (a+b+c)				-		2.49	4163.00	cum	10,382.52
_										
	3.12 Providing and placing in position									
	reinforcement for R.C.C. work including									
	straightening, cutting, bending, binding etc.									
	complete as per drawings including cost of									
	binding wire in foundation and plinth all									
	complete:									
	3.12.1 Thermo-Mechanically treated bars FE									
	415									
	Footing			2.15	1.00	78.50	168.93			
	Column			0.34		78.50	26.85			
	total				, , ,		195.78	54.50	Kg	10,669.96
	****						170.10	2 1.20	-15	10,007.70

				MEASUREMEN						
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
7	1.17 Filling from available excavated stuff									
	(Excluding rock) in trenches, plinth, sides of									
	foundation etc. in layers not exceeding 20cm in									
	depth consolidating each deposited layer by									
	ramming and watering with a lead upto 50 M.									
	Total qty of excavation - sand						9.21			
	filling+PCC+RCC upto GL									
	total						9.21	38.15	cum	351.21
	11.0 Description and make 10 at 1									
8	11.2 Providing and making 12mm thick cement plaster of mix:									
	1									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine C1(300X300)	4	4	0.30		0.30	1.44			
	total	'	'	0.50		0.50	1.44	91.50	sqm	131.76
	total						1,11	71.50	sqiii	101.70
9	9.3 Steel work in tubular (round, square									
	or rectangular hollow tubes etc.) structure in									
	built-up sections, trusses and frame work									
	including cutting, hoisting, fixing in position									
	upto a height of 5m above plinth level,									
	consisting of columns trusses, roof and bottom									
	purlins, base plate, holding down bolts, wind									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	4	4.50	21.30	-	383.40			
	Truss On Shed						a =			
	Tie Beam 50mm dia @6.19Kg/meter	1	1	6.00	6.19		37.14			
<u> </u>	Rafter 50mm dia @6.19Kg/meter	1	2	3.38			41.84			
	Intermediate members 50mm dia @6.19Kg/meter	1	2	4.50	6.19	-	55.71			
	Purlins 40mm dia @ 4.37Kg/meter (On Top)	1	4	5.50	4.37	-	96.14			
	Gusset Plate, Fixing Bolt and Base Plate Etc						140.00			
	total						754.23	88.50	Kg	66,749.36

CNI	DESCRIPTION OF ITEM		NIO	MEASUREMEN			O.T.V	DATE	TINITE	AMOUNT
SN	DESCRIPTION OF ITEM		NO	L	В	H/D	QTY	RATE	UNIT	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
10	10.12 Supply and fixing of polymer									
	precoated galvalume profile sheets (PPGL) of									
	approved size, shape and pitch of corrugation,									
	total coated thickness (TCT) 0.60 mm +/- 5%,									
	epoxy primer on both side of the sheet and									
	colour polyester top coat 18-20 microns and									
	6-7 microns on bottom. Sheet should have									
	protective guard film of 25 microns minimum									
	to avoid scratches while transportation and									
	should be supplied in single length upto 12									
	metre or as desired by Engineer-in-charge. The									
	sheet shall be fixed using self drilling /self									
	tapping screws of size (5.5x 55mm) with									
	EPDM seal or with polymer coated J or L									
-	hooks, bolts and nuts 8mm diameter with PWD S.O.RP-91/I-10.11									
			2	3.38	5.50		37.18			
-	Roofing total			3.36	3.30		37.18 37.18	693.00	ggma	25,765.74
	totai						37.18	093.00	sqm	25,705.74
11	10.16 Providing and fixing precoated									
**	galvanised steel sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness (TCT),									
	Zinc coating 120gsm as per IS: 277 in 240mpa									
	steel grade, 5-7 microns epoxy primer on both									
	side of the sheet and polyester top coat 15-18									
	microns using self drilling/ self tapping screws									
	or with polymer coated J or L hooks, bolts and									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	5.50			5.50			
	total						5.50	552.00	mtr	3,036.00
										-
12	10.16.6 Gutter. (600 mm over all girth).									
	Gutter		2	5.50			11.00			
	total						11.00	629.00	mtr	6,919.00
13	14.22 Painting on new work (two or more									
	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	18.00			54.00			
	Truss	2	2	#####			327.00			
	total					T	381.00	47.00	sqm	17,907.00
<u> </u>										
14	18.76 Providing and fixing on wall									
	face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm) including									
<u> </u>	required counters jointing with seal ring									

SN	DESCRIPTION OF ITEM		NO	MEASUREMEN		QTY	RATE	UNIT	AMOUNT	
511	DESCRIPTION OF THEM		NO	L	В	H/D	QII	KATE	UNII	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
	18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
15	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.									
	(BUILDING SOR ITEM NO.12.4/111)		1.00	4.50	3.00	-	13.50	SQ.M	441.00	5953.50
	Total							161,979.96		
				Ad	ld 3%	Electr	ical and	Plumbing	Work	4,859.40
SUB TOTAL									166,839.36	

(Building SOR Items) W.E.F. - 01/01/2015

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RAT	AMOUN
		10.12 Supply and fixing of polymer precoated							E	T
		galvalume profile sheets (PPGL) of approved								
		size, shape and pitch of corrugation, total coated								
		thickness								
		(TCT) 0.60 mm +/- 5%, epoxy primer on both								
		side of the sheet and colour polyester top coat 18-								
		20 microns and 6-7 microns on bottom. Sheet								
		should have protective guard film of 25 microns								
		minimum to avoid scratches while transportation								
	(BUILDING	and should be supplied in single length upto 12								
1		metre or as desired by Engineer-in-charge. The								
	10.12/91)	sheet shall be								
		fixed using self drilling /self tapping screws of								
		size (5.5x 55mm) with EPDM seal or with								
		polymer coated J or L hooks, bolts and nuts 8mm								
		diameter with bitumen and G.I. limpet washers or								
		with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or								
		curved surfaces excluding the cost of purlins,								
		rafters and trusses and including cutting to size								
		and shape wherever required.								
		Top Rooof Sheet For Compost Pit shed	2	6.2	27	-	335			
							335	SQM	693	232016.40
		10.16 Providing and fixing precoated galvanised								
		steel sheet roofing accessories 0.50 mm +/- 5%								
		total coated thickness (TCT), Zinc coating								
	(DIJII DING	120gsm as per IS: 277 in 240mpa steel grade, 5-7								
2	(BUILDING SOR ITEM NO.	microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self								
2	10.16/91)	drilling/ self tapping screws or with polymer								
	10.10/91)	coated J or L hooks, bolts and nuts and or								
		G.I. seam bolts and nuts, G.I. plain and bitumen								
		washers complete:								
		r								
		10.16.1 Ridges plain (500-600mm)	1	27			27	MTR	552	14904
		10.16.6 Gutter. (600 mm over all girth)	2	27			54	MTR	629	33966
		· · · · · · · · · · · · · · · · · · ·								
	T	SLRM FLOORING 25 mm unick KOTA stone stad Hooring over	G WOF	RK						I
		20mm (Average) thick base of cement mortar 1:4								
	(BUILDING	laid over and jointed with grey cement slurry								
8		mixed with pigment to match the shade of the								
	12.49/118)	slab including grinding rubbing and polishing etc.								
		complete (Area of slab to be over 0.20 SQ.M and								
	I	unto 0.50 SO M)								
			1.00	12.00	27.00	-	324.00			
		Add 10% Extra	1.00	12.00	27.00	-	32.40			319690.80

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RAT E	AMOUN T
		SLRM PAINTING	G WOR	K	ı		ı		1	
9	As per Ammendment no 08, 05/05/2025 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.)								
		inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.								
		INSIDE	2	24	-	1.2	57.60			
			1	9	-	1.2	10.80			
			6	12	-	3	108.00 54.00			
		Door Deduct	3	3	_	2.1	18.90			
		Door Beduce	4	0.9	-	2.1	7.56			
						Total	203.94	Sqm	64.00	13052.16
10	As per Ammendment no 08, 05/05/2025 item no.14.67	ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2	2	24		1.2	57.60			
		OUTSIDE	1	9	-	1.2	10.80			
			1	20	-	3	60.00			
		Door Deduct	3	3	-	2.1	18.90			
11	As per Ammendment no 08, 05/05/2025 item no.14.74	work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 (product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer) with all tools tackles and labour etc.				Total	109.50	Sqm	70.00	7665.00
		Premium synthetic enamel paint								
		On Steel								
		SLRM Pole & Fence	2	19.0	2.00		76.00			
		Door	1	12.0 3.0	2.00		24.00 6.30			
		Door	1	2.0	2.10		4.20			
			-	0	Total		110.50			
		Add 20% Extra					22.10			
				Sub	Total		132.60	Sqm	35.00	4641

S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RAT E	AMOUN T
12	As per Ammendment no 08, 05/05/2025 item no.14.76	Providing and applying Aluminium paint mimimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work					132.60	sqm	43.00	5701.80
								Т	OTAL	631637.16

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Excavation for all types and sizes of foundations, trenches and drains							()	()
	or for any other purpose including disposal of excavated stuff upto								
	1.5 m lift and lead upto 50m (at least 5m away from the excavated								
	area), including dressing and leveling of pits.								
	In all types of soil		4.40	4.40	4.00		6777.5	107.00	
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth								
	level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm								
	nominal size).								
	bottom Beam-	2	1.40	0.20	0.20	0.11			
		2		0.20	0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work								
	including straightening, cutting, bending, binding etc. complete as								
	per drawings including cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415	0.			221	0.20			
	(COD ITEM NO. 2.12.1/2.0)	Qty. a	s per ite		-3.2.1	0.39	L/C	54.50	10/2 75
4	(SOR ITEM NO3.12.1/24) Brick work with modular fly-ash lime bricks (FaLG Bricks)		<u>50 kg</u>	cum		19.5	KG	54.50	1062.75
4	confirming to IS:12894-2002 of class designation 4.0 in foundation								
	and plinth in:								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/								
	Coarse sand, in recharge pit, in the required layers and thickness, for								
	all leads & lifts, all complete as per direction of Engineer-in-charge.								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of	1	1.00	1.00	0.30	0.30	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)								
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains								
	or for any other purpose including disposal of excavated stuff upto								
	1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)	-	50.0	0.50	0.50	4.50	COIVI	105.00	002.30
7	Filling from available excavated stuff (Excluding rock) in trenches,								
	plinth, sides of foundation etc. in layers not exceeding 20cm. In								
	depth consolidation each deposited layer by ramming and watering								
	with a lead upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
	D II LOW III III II								
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and								
	consolidating each deposited layer by ramming and watering,								
	including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	(BUILDING SOR ITEM NO1.18/11)								
	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10								
	150 mm dia	1	50.00	•	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT JAMNIPASLI WARD NO - 51 " NAGAR PALIKA NIGAM, KORBA (C.G.)

SANITARY REPAIRING

C N	D + DOWN + D	NIO	_	-	TT (D	O.T.	XID IXID	RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
1	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	18.4.2 Coloured pedestal type	1	-	-	-	1.00	EACH	3592.00	3,592.00
	(BUILDING SOR ITEM NO18.4/161)								
2	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	Coloured Orissa pattern W.C. pan of size 580x440 mm	1	-	-	-	1.00	EACH	3545.00	3,545.00
	(BUILDING SOR ITEM NO18.1/160)								
3	Providing and fixing 10 litre capacity P.V.C. low level flushing								
	cistern conforming to IS: 7231, with all fittings and fixtures 18.7.2 Coloured	2			_	2.00	EACH	927.00	1 674 00
	(BUILDING SOR ITEM NO18.7/161)		-	-	-	2.00	EACH	837.00	1,674.00
4	Providing and fixing vitreous china wash basin with C.I. brackets,								
-	32 mm C.P. brass waste of standard pattern, including painting of								
	brackets, cutting and making good the walls wherever required:								
	Coloured Size 550x450 mm	1	-	-	-	1.00	EACH	1894.00	1,894.00
	(BUILDING SOR ITEM NO18.17/162)								
5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382								
	18.76.1 75 mm dia pipe.	1	5.00	-	-	5.00	MTR	182.00	910.00
	18.76.2 110 mm dia pipe.	1	5.00	-	-	5.00	MTR	267.00	1,335.00
	(BUILDING SOR ITEM NO18.76/170)								
6	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.1 75 mm	5	-	-	-	5.00	EACH	113.00	565.00
	18.77.1.2 110 mm	5	-	-	-	5.00	EACH	154.00	770.00
	Vent covel					4.00	EACH	24.00	126.00
	18.77.3.1 75 mm 18.77.3.2 110 mm	4	-	-	-	4.00	EACH EACH	34.00 44.00	136.00 176.00
	Access door cap	+	_	_	_	7.00	EACH	77.00	1/0.00
	18.77.4.1 75 mm	10	-	-	-	10.00	EACH	49.50	495.00
	18.77.4.2 110 mm	10	-	-	-	10.00	EACH	59.00	590.00
	18.77.6 Nahani Trap 110	10	-	-	-	10.00	EACH	90.50	905.00
	(BUILDING SOR ITEM NO18.77/170)								

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
7	Providing and fixing UV stabilized Unplasticised PVC pipe clips								
	of approved design to Rigid PVC pipes by means of 50 x 50 x 50								
	mm hard wood plugs, screwed with M.S. screwes of required								
	length including cutting brick work and fixing in cement mortar 1:4								
	(1cement :4 coarse sand) and making good the wall etc. complete.								
	18.78.1 75 mm	10	_	_	_	10.00	EACH	57.00	570.00
	18.78.2 110 mm	10	-	-	-	10.00	EACH	61.00	610.00
	(BUILDING SOR ITEM NO18.78/171)							0 - 1 0 0	02000
8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC)								
	pipes , having thermal stability for hot & cold water supply								
	including all CPVC plain & brass threaded fittings i/c fixing the								
	pipe with clamps at 1.00 m spacing. This includes jointing of pipes								
	& fittings with one step CPVC solvent cement and the cost of								
	cutting chases and making good the same including testing of joints								
	complete as per direction of Engineer in Charge.CONCEALED								
	WORK including cutting chases and making good the walls etc.,								
	19.5.1 15 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	133.00	665.00
	19.5.2 20 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	167.00	835.00
	(BUILDING SOR ITEM NO19.5/176)								
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC)								
	pipes, having thermal stability for hot & cold water supply								
	including all CPVC plain & brass threaded fittings i/c fixing the								
	pipe with clamps at 1.00 m spacing. This includes jointing of pipes								
	& fittings with one step CPVC solvent cement and testing of joints								
	complete as per direction of Engineer in Charge.INTERNAL								
	WORK - EXPOSED ON WALL.								
	19.4.3 25 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	199.00	995.00
	19.4.4 32 mm nominal outer dia .Pipes.	1	5.00	-	-	5.00	MTR	271.00	1,355.00
	19.4.5 40 mm nominal outer dia .Pipes.	I	5.00	-	-	5.00	MTR	362.00	1,810.00
10	(BUILDING SOR ITEM NO19.5/176) Providing and fixing on wall surface G.I. pipes medium class								
10	complete with G.I. fittings and clamps, including cutting, making								
	good the walls etc. and testing of joints complete:								
	good the wans etc. and testing of joints complete.								
	19.7.6 50 mm dia. nominal bore	1	5.00	-	-	5.00	MTR	471.00	2,355.00
	(BUILDING SOR ITEM NO19.7/177)								
11	Providing and fixing 15 mm nominal bore C.P. brass fittings of								
	approved make and conforming to IS:8931 including C.P. brass								
	extension if required:								
	19.14.1 Bib cock (400 grams)	2	-	-	-	2.00	EACH	382.00	764.00
	19.14.6 Stop cock (concealed) (600 grams)	2	-	-	-	2.00	EACH	494.00	988.00
	19.14.4 Piller Cock (400 grams)	2	-	-	-	2.00	EACH	398.00	796.00
	19.14.14 Soap dish plate	2	-	-	-	2.00	EACH	163.00	326.00
	(BUILDING SOR ITEM NO19.14/179)								
12	Providing and fixing flexible P.V.C. waste pipe for sink or wash								
	basin including P.V.C. waste fittings complete.								
	18.25.2 40 mm dia								
	(BUILDING SOR ITEM NO18.25.2/164)	4	-	-	-	4.00	EACH	88.50	354.00
	(<u> </u>	<u> </u>	l				00.00	22 1.00

								RATE	AMOUNT
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	(in Rs.)	(in Rs.)
	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.							(332 3337)	(33.2.33)
	(BUILDING SOR ITEM NO18.29/164)	2	_	_	_	2.00	EACH	599.00	1,198.00
14	Providing and fixing mirror of superior glass (of approved quality)			_	_	2.00	EACH	377.00	1,170.00
	and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:								
	18.30.1 5mm thick mirror	2	0.60	0.60		0.72	COM	2016.00	4 450 00
	(BUILDING SOR ITEM NO18.30/164) Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)	2	0.60	0.60	-	0.72	SQ.M	2016.00	1,452.00
	19.10.4 50 mm nominal bore	5	-	-	-	5.00	EACH	347.00	1,735.00
	(BUILDING SOR ITEM NO19.10/178) Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
	19.16.4 50 mm nominal bore	2	-	-	-	2.00	EACH	762.00	1,524.00
	(BUILDING SOR ITEM NO19.16/179)								-
17	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
	20.1.1 100 mm diameter	1	10.00	-	-	10.00	MTR	162.00	1,620.00
	(BUILDING SOR ITEM NO20.1/189)								,
	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
	20.26.1 Inside difficultions 455x010 film and 45 cm deep for single	1	-	-	-	1.00	EACH	3796.00	3,796.00
	(BUILDING SOR ITEM NO20.28/194) Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.								
	(BUILDING SOR ITEM NO 19.42/184)	1.00	_	-	_	1000.00	LTR	7.30	7,300.00
	(1.00				_000,00	211	7.00	7,000.00
								Total Rs.	47,635.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT JAMNIPASLI WARD NO - 51" NAGAR PALIKA NIGAM, KORBA (C.G.)

		ELECTRIFICATION WORKS				
		As Per CG Electrical SOR 2020				
S.No	Item	Particulars	Quantit	Unit	Rate	Amount
1	1.7	Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) with 5/6 amp modular switch, modular base and cover plate, suitable size G.I. box as per specification and IS: 694 (2010), IS: 9537 (2000)				
	1.7.1	Short Point	8.00	Point	266.00	2128.00
	1.7.2	Medium Point	27.00		424.00	
	1.7.3	Long Point	8.00	Point	588.00	4704.00
2	1.9	Extra for providing and fixing light plug point on board in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with modular type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of base and cover plate and G. I. box etc. as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)	6.00	Point	216.00	1296.00
3	1.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe				
	1.13.1	3 X 1.5 sq. mm in 20mm conduit	27.00	Metre	92.00	2484.00
	1.13.8	3 X 10 sq. mm in 25mm conduit	10.00	Metre	270.00	2700.00
4	1.15	Supplying and fixing of following sizes FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with accessories in concealed complete as per specification and IS: 9537 (2000 Part				
	1.15.1	20 mm	80.00	Metre	42.00	3360.00
5	5.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification.				
	5.1.12	Fan regulator	10.00	Each	130.00	1300.00
6	5.11	Providing and fixing fan clamp made of 3mm thick MS flat on existing iron trusses/ girder including necessary bolts and nuts etc. as per specification.	10.00	Each	40.00	400.00
				1	1	

S.No	Item	Particulars	Quantit	Unit	Rate	Amount
7	6.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 1 star and above, IS: 374:2019 including all				
	6.1.1	600 mm sweep	10.00	Each	1477.00	14770.00
8	6.19.3	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P.F. should be greater than 0.9. LED chip				
	6.15.3	18/20 watt {4 feet}	10.00	Each	443.00	4430.00
					Total	49020.00

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT PUMP HOUSE WARD NO - 14 " NAGAR PALIKA NIGHAM, KORBA (C.G.)

" SHED EXTENSION - 20.0 X 5.0 "

	<u>" SHED EXTE</u>	INSI	<u> ON - 2</u>	0.0 X	5.0 "				
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
1	Dismantling flag stone flooring laid in cement/lime								
	mortar including stacking of serviceable material and								
	disposal of unserviceable material within 50 metre		• • • • •			100.00			
	ONLY DING COD WEEK NO. 1400440	1	20.00	5.00		100.00	COM	55.00	<i>55</i> 00.00
	(BUILDING SOR ITEM NO 16.8/146)					100.00	SQ.M	57.00	5700.00
2	Excavation for all types and sizes of foundations,								
	trenches and drains or for any other purpose including								
	disposal of excavated stuff upto 1.5 m lift and lead								
	upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.								
	F1-	7	1.50	1.50	1.80	28.35			
	(BUILDING SOR ITEM NO1.1.1/9)					28.35	CUM	185.00	5245.00
	Providing and filling in plinth with sand /crusher								
	dust and hard moorum under floor in layers not								
	exceeding 20 cm in depth and consolidating each								
	deposited layer by ramming and watering, including								
	F1-	7	1.50	1.50	1.80	28.35			
	Deduction- Sand cushion, pcc, footing, column up to					-7.56			
	F1-	7	1.50	1.50	0.15	2.36			
	Floor	1	4.00	12.00	0.15	7.20			
	(BUILDING SOR. ITEM NO1.18/11)					30.35	CUM	371.00	11261.00
	Providing and laying nominal mix plain cement								
	concrete with crushed stone aggregate using concrete								
	mixer in foundation, plinth and at ground level								
	excluding cost of form work.								
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone	7	1.50	1.50	0.15	2.26			
		/	1.50	1.50	0.15	2.36 2.36	CUM	2970.00	7016.63
	(BUILDING SOR. ITEM NO 3.1.3/23) Providing and laying nominal mix reinforced					2.30	CUM	2970.00	7010.03
	cement concrete with crushed stone aggregate using								
	concrete mixer in all works upto plinth level								
	excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone								
	Footing-								
	F1-	7	1.20	1.20	0.20	2.02			
	Colunm upto Ground level-								
	C1-	7	0.30	0.30	1.30	0.82			
	Colunm upto Plinth level-								
	C1-	7	0.30	0.30	0.175	0.11			
	Colunm above Plinth level-								
	C1-	7	0.30	0.30	3.000	1.89			
	Ground Beam	1	25.00	0.30	0.200	1.50			
	(DAM DIVIG GOD MEDIA 222 - 2.2.2.)						OI 7	41.62.00	0.6051.05
	(BUILDING SOR ITEM NO 3.2/23)					6.34	CUM	4163.00	26374.00
	Providing and placing in position reinforcement for								
	R.C.C. work including straightening, cutting,								
	bending, binding etc. complete as per drawings including cost of binding wire all complete:								
	mending cost of omding wife an complete.	Ove	ntity as	nor ito	m 3 2	6.34			
	(BUILDING SOR. ITEM NO3.12.1/24)	Qua		/cum	III J.J	506.82	KG	54.50	27622.00
	(DUILDING SUK. 11 EM NU3.12.1/24)		OUK	Culli		300.02	MG	34.30	2/022.00

S.No.	PARTICULAR	NO.	\mathbf{L}	В	H/D	QTY.	UNIT	RATE	AMOUN
	Providing and fixing formwork including centering,	110.			11,2	Q111	OTVII	(in Rs.)	T
,	shuttering, strutting, staging, propping bracing etc.								
	complete and including its removal at all levels, for:								
	2.1.1 Foundations, footings, bases of columns plinth								
	beam, curtain wall in any shape and size and all type								
	Footing-								
	F1-	14	1.20	-	0.20	3.36			
		14	-	1.20	0.20	3.36			
	Colunm upto Ground level- C1-	14	0.30		1.30	5.46			
	CI-	14	0.30	0.30	1.30	5.46			
	Colunm upto Plinth level-			0.50	1.50	5.10			
	C1-	14	0.30		0.175	0.74			
		14	-	0.30	0.175	0.74			
	Column above plinth								
	C1-	14	0.30		3.00	12.60			
	Court I Door	14	-	0.30	3.00	12.60			
	Ground Beam	2	25.00		0.300	15.00			
	(BUILDING SOR ITEM NO 2.1.1/16)					59.31	SQ.M	139.00	8244.00
8	9.3 Steel work in tubular (round, square or								
	rectangular hollow tubes etc.)								
	structure in built-up sections, trusses and frame work								
	including cutting,								
	hoisting, fixing in position upto a height of 5m above								
	plinth level, consisting of columns trusses, roof and bottom								
	purlins, base plate, holding								
	down bolts, wind ties bracing (if required), bolts, nuts								
	and washers for								
	fastening etc. complete with applying a priming coat								
	of red oxide zinc								
	chromate primer.								
	Shed area	1	20.00	5.00	-	100.00		02.50	
	(DITH DING COD FEEM NO. 0.2.2/00)		35	KG/SQ)M	3500.00	KG	93.50	327250.00
9	(BUILDING SOR ITEM NO 9.3.2/80) 10.12 Supply and fixing of polymer precoated								
,	galvalume profile sheets (PPGL) of approved size,								
	shape and pitch of corrugation, total coated thickness								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of								
	the sheet and colour								
	polyester top coat 18-20 microns and 6-7 microns on								
	bottom. Sheet								
	should have protective guard film of 25 microns minimum to avoid								
	scratches while transportation and should be supplied								
	in single length								
	upto 12 metre or as desired by Engineer-in-charge.								
	The sheet shall be								
	fixed using self drilling /self tapping screws of size								
	(5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts								
	and nuts 8mm								
	Top Roof	1	5.30	20.00	_	106.00			
	Side of Truss		5.30	20.00	1.50	7.95			
	Side of Truss	1	2.20		1.50	113.95	SQM	693.00	78967.35
!	(BUILDING SOR ITEM NO 10.12/91)			1					

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
10	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or							(
	10.16.6 Gutter. (600 mm over all girth)	1	20.00			20.00	MTR	629.00	12580.00
	(BUILDING SOR ITEM NO 10.16/91)								
11	Painting on new work (two or more coats) to give an even shade with Satin synthetic enamel paint								
	Shed truss	1	20.00	_	1.50	30.00			
	Runner	6	20.00	0.02	1.50	2.26			
	Pole	7	0.47		2.10	6.92			
	(BUILDING SOR. ITEM NO14.22.1/134)					39.18	SQM	55.00	2155.15
12	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight)								
	(BUILDING SOR ITEM NO.12.4/111)	1.00	20.00	5.00	-	100.00	SQ.M	441.00	44100.00
13	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:	1.00	25.00	-	3.00	75.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)		_			75.00	SQ.M	382.00	28650.00
14	Providing and making 12mm.thick cement plaster of mix:								
	INNER	1.00	25.00	-	3.00	75.00	CO 3.5	01.50	(9/2.70
	(BUILDING SOR. ITEM NO11.2/103)					75.00	SQ.M	91.50	6862.50
15	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand) OUTER	1.00	25.00	-	3.00	75.00	SO 34	107.00	9925 99
	(BUILDING SOR. ITEM NO11.3/103)					75.00	SQ.M	107.00	8025.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUN T
	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article								
		1.00	25.00		2.00	75.00			
-	INNER As per Ammendment no 08, 05/05/2025 item	1.00	25.00	-	3.00 Total	75.00 75.00	SQ.M	64.00	4800.00
	As per Ammendment no 08, 05/05/2025 item				Total	73.00	SQ.M	04.00	4000.00
	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with								
	OUTER	1.00	25.00	-	3.00	75.00			
	As per Ammendment no 08, 05/05/2025 item				Total	75.00	SQ.M	70.00	5250.00
								Total Rs.	610103.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT PUMP HOUSE WARD NO - 14" NAGAR PALIKA NIGHAM, KORBA (C.G.)

DETAILED ESTIMATE FOR CONSTRUCTION OF WET WASTE TIPPING SHED (5.00MX6.00M)

			Ва	ised on C	C. G. P.W.	.D BUILDING	G S.O.R. IN	FORCE I	FROM 1 JAN 2015
SN	DESCRIPTION OF ITEM	N	MEAS	SURE	MEN	QTY	RATE	UNI	AMOUNT
511	DESCRIPTION OF ITEM	0	L	В	H/D	QII	KATE	T	AMOUNT
I	II	Ш	IV	V	VI	VII	VIII	IX	X
1	1.1 Excavation for all types and sizes of foundations,								
	trenches and drains or for any other purpose								
	including disposal of excavated stuff upto 1.5 m lift								
	and lead upto 50m (at least 5m away from the								
	1.1.1 In all types of soils.		1.50	1.50	1.50	27.00			
	F1(1500X1500)	8	1.50	1.50	1.50	27.00	10=00		4.007.00
	total					27.00	185.00	cum	4,995.00
L_	1.10 D : 1: 1.01: : 1: 4 : 4 . 1/C 1								
2	1.18 Providing and filling in plinth with sand/ Crusher								
	dust and hard moorum under floor in layers not								
	exceeding 20cm in depth consolidating each								
	deposited layer by ramming and watering, including dressing etc complete.								
	· · · · · · · · · · · · · · · · · · ·								
	Footing	0	1.50	1.50	0.10	1.00			
	F1(1500X1500)	8	1.50	1.50	0.10	1.80	251.00		((= 00
	total					1.80	371.00	cum	667.80
_	2.1 Describing and leading manning main plain assessed								
3	3.1 Providing and laying nominal mix plain cement								
	concrete with crushed stone aggregate using concrete								
	mixer in all works upto plinth level excluding cost of form work.								
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded								
	stone aggregate 40mm nominal size).								
	Footing	0	1.50	1.50	0.10	1 00			
	F1(1500X1500)	8	1.50	1.50	0.10	1.80	2070.00		5 246 00
	total					1.80	2970.00	cum	5,346.00
1	7.5 Brick work with modular fly-ash lime bricks								
4	(FaLG Bricks) confirming to IS:12894-2002 of class								
	designation 4.0 in foundation and plinth in:								
	7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	Below Plinth Level								
	L Wall	4	2.14	0.30	0.30	0.77			
	X Wall	4				0.77			
	1. 1. W.I.	1	4.58			0.41			
	total	1	1.50	0.50	0.50		3263.00	cum	6,959.98
						2.13	J20J.00	Cum	0,737.70
5	2.1 Providing and fixing form work including								
	centring, shuttering, strutting, staging, propping								
	bracing etc. complete and including its removal								

			N	MEAS	SURE	MEN			UNI	
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	T	AMOUNT
Ι	II		III		V	VI	VII	VIII	IX	X
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.									
	Footings									
	F1(1500X1500)	2	8	1.30		0.15	3.12			
		2	8		1.30	0.15	3.12			
	Column upto G L									
	C1(300X300)	2	8	0.30		0.65	3.12			
		2	8	0.30		0.65	3.12			
	Column above G L									
	C1(300X300)	2	8	0.30		0.30	1.44			
		2	8	0.30		0.30	1.44			
	Plinth Beam									
	L Wall	2	4	2.14		0.30	5.14			
	X Wall	2	4	2.64		0.30	6.34			
		2	1	4.58		0.30	2.75			
	total						29.58	139.00	sam	4,111.62
									•	,
6	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work									
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).									
	F1(1500X1500)		8	1.30	1.30	0.20	2.70			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.2+0.2)/ 2))		8			0.20	1.60			
	Subtotal a						4.30			
	Column upto G L									
	C1(300X300)		8	0.30	0.30	0.65	0.47			
	Subtotal b						0.47			
	Column above G L									
	C1(300X300)		8	0.30	0.30	0.30	0.22			
	Subtotal c						0.22			
	Plinth Beam									
	L Wall		4	2.14	0.30	0.30	0.77			
	X Wall		4	2.64	0.30	0.30	0.95			
			1	4.58	0.30	0.30	0.41			
	Subtotal d						2.13			
	total (a+b+c)						7.12	4163.00	cum	29,644.72
·/	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	Footing			4.30	1.00	78.50	337.86			

SN	DESCRIPTION OF ITEM		N	MEAS	SURE	MEN	QTY	RATE	UNI	AMOUNT
511	DESCRIPTION OF THEM		0	L	В	H/D	QII	KATE	T	AMOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
	Column			0.68	1.00	78.50	53.69			
	Plinth Beam			2.13		78.50				
	total						559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.									
	Total qty of excavation - sand filling+PCC+RCC upto GL						16.28			
	total						16.28	38.15	cum	621.04
9	11.2 Providing and making 12mm thick cement plaster of mix:									
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)	4	8	0.30		0.30	2.88			
	C1(300X300) total	4	Ŏ	0.30		0.30	2.88		sqm	263.52
	וטומו						2.00	71.30	sqiii	203.52

SN I	DESCRIPTION OF ITEM		N MEASUREMEN			TO A CENTS	UNI	AMOUNT		
			O	L	В	H/D	QTY	RATE	T	AMOUNT
	II		III	IV	V	VI	VII	VIII	IX	X
10	11.2 Providing and making 15mm thick coment									
	11.3 Providing and making 15mm thick cement									
	11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)									
	External Wall	1	2	5.00		0.60	6.00			
		1	2	6.00		0.60	7.20			
	total						13.20	113.00	sqm	1,491.60
11	14.9 Distempering with acrylic washable distemper to									
	give an even shade.									
	14.9.1 On new work (Two or more coats)									
	Area of Internal Wall									
	Area of Plaster						2.88			
	total						2.88	38.00	sqm	109.44
12	14.14 Finishing walls with water proofing cement									
	paint of required shade to give an even shade.									
	14.14.1 On new work (Two or more coats applied @									
	3.84 kg/10 sqm)									
	External Wall									
-	Area of External Plaster						13.20			
	total	1				1	13.20	41.00	sqm	541.20
13	` , ,									
	rectangular hollow tubes etc.) structure in built-up									
	sections, trusses and frame work including cutting,									
	hoisting, fixing in position upto a height of 5m									
	above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down									
_	bolts, wind ties bracing (if required), bolts, nuts and 9.3.1 Electric resistance or induction butt welded									
	tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
		1	8	4.50	21.20		7((00			
\dashv	150Dia Pole @21.30kg/meter Truss On Shed	1	0	4.30	21.30	_	766.80			
		1	1	7.00	6 10		172.22			
_	Tie Beam 50mm dia @6.19Kg/meter Rafter 50mm dia @6.19Kg/meter	4	2	7.00 4.35			173.32 215.41			
	Intermediate members 50mm dia @6.19Kg/meter	4	2				215.41			
	ÿ š	2	_	4.60 8.00		-				
\dashv	Purlins 40mm dia @ 4.37Kg/meter (On Top)		2	8.00	4.37	-	139.84			
	Gusset Plate, Fixing Bolt and Base Plate Etc						180.00	00 50	TZ.	150 730 ((
\dashv	total						1703.16	88.50	Kg	150,729.66

CNI	DECODIDATION OF ITEM		N	MEAS	SURE	MEN	OTV	DATE	UNI	AMOUNT
SN	DESCRIPTION OF ITEM		0	\mathbf{L}	В	H/D	QTY	RATE	T	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
14	10.12 Supply and fixing of polymer precoated									
	galvalume profile sheets (PPGL) of approved size,									
	shape and pitch of corrugation, total coated thickness									
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of									
	the sheet and colour polyester top coat 18-20									
	microns and 6-7 microns on bottom. Sheet should									
	have protective guard film of 25 microns minimum to									
	avoid scratches while transportation and should be									
	supplied in single length upto 12 metre or as desired									
	by Engineer-in-charge. The sheet shall be fixed using									
	self drilling /self tapping screws of size (5.5x 55mm)									
	with EPDM seal or with polymer coated J or L hooks,									
	bolts and nuts 8mm diameter with bitumen and G.I.									
	limpet washers or with G.I. limpet washers filled with white lead complete unto any nitch in horizontal/									
	PWD S.O.RP-91/I-10.11									
	Roofing		2	3.82	8.00		61.12			
	total						61.12	693.00	sqm	42,356.16
15	10.16 Providing and fixing precoated galvanised steel									
	sheet roofing accessories									
	0.50 mm +/- 5% total coated thickness (TCT), Zinc									
	coating 120gsm as per IS: 277 in 240mpa steel grade,									
	5-7 microns epoxy primer on both side of the sheet									
	and polyester top coat 15-18 microns using self									
	drilling/ self tapping screws or with polymer coated J									
	or L hooks, bolts and nuts and or G.I. seam bolts and									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	8.00			8.00			
	total						8.00	552.00	mtr	4,416.00
16	10.16 (Catton (600 mm aronall airth)									
10	10.16.6 Gutter. (600 mm over all girth). Gutter		2	8.00			16.00			
	total			0.00			16.00	629.00	mtr	10,064.00
17	14.22 Painting on new work (two or more coats) to									
	give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	2	2	36.00			108.00			
	Truss	2	2	#####			473.04	:		AF 20 - -
	total						581.04	47.00	sqm	27,308.88
18	18.76 Providing and fixing on wall face or									
10	under floor UV stabilized Unplasticised Rigid PVC									
	pipes (single socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm) including									
	required couplers, jointing with seal ring conforming									
	to IS · 5387 leaving 10 mm gan for thermal expansion									

SN	DESCRIPTION OF ITEM		N	MEAS			QTY	RATE	UNI	AMOUNT
I	II		O III	IV	B V	H/D VI	VII	VIII	T IX	X
-				- '	•	, ,	, 11	, 111	111	11
	18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
	12.4 52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of									
			1	5.00	6.00		30.00			
	total						30.00	441.00	sqm	
Total 33									338,128.04	
				Add	3% E	lectric	al and Pl			10,143.84
SUB TOTAL 3								348,271.89		

DETAILED ESTIMATE FOR PROPOSED WORK OF
" SLRM CENTRE AT PUMP HOUSE WARD NO - 14"
NAGAR PALIKA NIGHAM, KORBA (C.G.)

		THISTIN THEMET HOME	,		(-		<i>)</i>	1		
(Build	ding SOR Iten	ns) W.E.F 01/01/2015								
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM FLOORING W	ORK							
1	SOR ITEM NO	20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and purto 0.50 SQ.M.)								
		Add 10% Extra	1.00	12.00	27.00		324.00 32.40		007.00	210(00.00
							356.40			319690.80 319690.80

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT PUMP HOUSE WARD NO - 14 " NAGAR PALIKA NIGHAM, KORBA (C.G.)

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations,							()	()
	trenches and drains or for any other purpose including								
	disposal of excavated stuff upto 1.5 m lift and lead								
	upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits. In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1 40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement	1	1.40	1.40	1.20	2.55	COM	103.00	454.70
-	concrete with crushed stone aggregate using concrete								
	mixer in all works upto plinth level excluding cost of								
	form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone								
	aggregate 20mm nominal size).								
	bottom Beam-	2		0.20	0.20	0.11			
	The Civil	2		0.20	0.20	0.08			
	Top Slab-	l	1.40	1.40	0.10	0.20	CHIM	41.62.00	1(22 5)
3	(BUILDING SOR ITEM NO3.9/24) Providing and placing in position reinforcement for					0.39	CUM	4163.00	1623.5
3	R.C.C. work including straightening, cutting,								
	bending, binding etc. complete as per drawings								
	including cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415								
		Qty. a	s per ite	em No.	-3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)		50 kg	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG								
	Bricks) confirming to IS:12894-2002 of class								
	designation 4.0 in foundation and plinth in:								
	7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)		4.00	0.20	1.40	1.24	CHINA	22.62.00	1205 11
5	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.4
3	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the								
	required layers and thickness, for all leads & lifts, all								
	complete as per direction of Engineer-in-charge.								
	(excavation of pit will be paid separately)								
	Stone boulders of size range 5 cm to 20 cm, in		1.00	1.00	0.40	0.40	GID.	0.62.00	245.04
	recharge pit	I	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the	1	1.00	1.00	0.30	0.30	CUM	806.00	241.80
	existing layer of boulders	1	1.00	1.00	0.50	0.50	CUM	000.00	241.00
	Coarse sand of size range 1.5 mm to 2 mm over	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	existing layer of gravel								
	(BUILDING SOR ITEM NO21.14/201)								
6	PIPELINE- Excavation for all types and sizes of foundations,								
J	trenches and drains or for any other purpose including								
	disposal of excavated stuff upto 1.5 m lift and lead								
	upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
7	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
8	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT KHARMORA WARD NO - 35" NAGAR PALIKA NIGHAM, KORBA (C.G.)

	NAGAR PALIKA NI	GH/	AM, I	KOR	BA (C.G.)			
	" SHED EXTEN	SION	N - 20.	.0 X 5	5.0 ''				
S.No.		NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of								
	unserviceable material within 50 metre lead.	1	20.00	5.00		100.00			
	(BUILDING SOR ITEM NO 16.8/146)	1	20.00	3.00		100.00	SO M	57.00	5700.00
	(BUILDING SOK ITEM NO 10.0/140)					100.00	50.111	37.00	3700.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	F1-	7	1.50	1.50	1.80	28.35			
	(BUILDING SOR ITEM NO1.1.1/9)	·					CUM	185.00	5245.00
3	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	F1-	7	1.50	1.50	1.80	28.35			
	Deduction- Sand cushion, pcc, footing, column up to GL-	7	1.50	1.50	0.15	-7.56			
	F1- Floor	7	1.50	1.50	0.15	2.36 7.20			
	(BUILDING SOR. ITEM NO1.18/11)	1	4.00	12.00	0.13		CUM	371.00	11261.00
4	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). M-10						COM	371.00	11201.00
	F1-	7	1.50	1.50	0.15	2.36	~~~~	***	
	(BUILDING SOR. ITEM NO 3.1.3/23)					2.36	CUM	2970.00	7016.63
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone								
	Footing-								
	F1-	7	1.20	1.20	0.20	2.02			
	Column upto Ground level-					2.25			
	C1-	7	0.30	0.30	1.30	0.82			
-	Column upto Plinth level-	7	0.20	0.20	0.175	Λ 11			
-	C1- Colunm above Plinth level-	7	0.30	0.30	0.175	0.11			
-	C1-	7	0.30	0.30	3.000	1.89			
	Ground Beam	1	25.00		0.200	1.50			
	Ground Deam	-	25.00	0.50	0.200	1.50			

(BUILDING SOR ITEM NO.- 3.2/23)

6.34 CUM 4163.00 26374.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								
		Qua	intity as		m 3.3	6.34			
	(BUILDING SOR. ITEM NO3.12.1/24)		<u>80kg</u>	z/cum		506.82	KG	54.50	27622.00
7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall								
	Footing-								
	F1-	14	1.20	-	0.20	3.36			
		14	-	1.20	0.20	3.36			
	Colunm upto Ground level-		0.20		1.20				
	C1-	14	0.30	- 0.20	1.30	5.46			
	Colunm upto Plinth level-	14	-	0.30	1.30	5.46			
	C1-	14	0.30		0.175	0.74			
	CI	14	-	0.30	0.175	0.74			
	Column above plinth			0.50	0.170	0., .			
	C1-	14	0.30		3.00	12.60			
		14	-	0.30	3.00	12.60			
	Ground Beam	2	25.00		0.300	15.00			
	(BUILDING SOR ITEM NO 2.1.1/16)					59.31	SQ.M	139.00	8244.00
	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. 9.3.2 Electric resistance or induction butt welded tubes Grade-300)		
	Shed area	1	20.00	5.00	_	100.00			
	Sileu area	1		KG/S()M	3500.00	KG	93.50	327250.00
	(BUILDING SOR ITEM NO 9.3.2/80)			_ 3,50	<u></u>	2200.00	-2.5	, 2.00	J=120.00

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Pg.)
9	10.12 Supply and fixing of polymer precoated galvalume							(III KS.)	(in Rs.)
	profile sheets (PPGL) of approved size, shape and pitch of								
	corrugation, total coated thickness								
	(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the								
	sheet and colour polyester top coat 18-20 microns and 6-7 microns on								
	bottom. Sheet								
	should have protective guard film of 25 microns minimum								
	to avoid								
	scratches while transportation and should be supplied in								
	single length								
	upto 12 metre or as desired by Engineer-in-charge. The sheet shall be								
	fixed using self drilling /self tapping screws of size (5.5x								
	55mm) with								
	EPDM seal or with polymer coated J or L hooks, bolts and								
	nuts 8mm								
	diameter with hitumen and C.I. limpet weekers or with C.I. Top Roof	1	5.30	20.00	-	106.00			
	Side of Truss	1	5.30		1.50	7.95			
						113.95	SQM	693.00	78967.35
	(BUILDING SOR ITEM NO 10.12/91)								
10	10.16 Providing and fixing precoated galvanised steel sheet								
	roofing accessories 0.50 mm +/- 5% total coated thickness								
	(TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet								
	and polyester top coat 15-18 microns using self drilling/								
	self								
	tapping screws or with polymer coated J or L hooks, bolts								
	and nuts and or								
	G.I. seam bolts and nuts, G.I. plain and bitumen washers								
	10.16.6 Gutter. (600 mm over all girth)	1	20.00			20.00	MTR	629.00	12580.00
	(BUILDING SOR ITEM NO 10.16/91)								
11	Painting on new work (two or more coats) to give an even shade with Satin synthetic enamel paint								
	Shade with Sathi Synthetic enamer paint								
	Shed truss	1	20.00	_	1.50	30.00			
	Runner	6	20.00	0.02	-100	2.26			
	Pole	7	0.47		2.10	6.92			
	(BUILDING SOR. ITEM NO14.22.1/134)					39.18	SQM	55.00	2155.15
12	52 mm thick cement concrete flooring with under layer of								
	40mm thick								
	cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone								
	aggregate 20mm nominal size) and top layer of 12 mm								
	thick cement								
	metallic hardener concrete mix 1:2 (1 cement hardener mix								
	: 2 stone								
	aggregate of 6 mm size by volume) with metallic hardening								
	compound of approved quality mixed with cement in ratio of 4:1 (4								
	cement: 1								
	metallic floor hardening compound by weight) including								
	finishing etc.								
	complete.								
	complete.								

S.No.	PARTICULAR	NO.	L	В	H/D	OTV	UNIT	RATE	AMOUNT
								(in Rs.)	(in Rs.)
	(BUILDING SOR ITEM NO.12.4/111)	1.00	20.00	5.00	-	100.00	SQ.M	441.00	44100.00
	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level: Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		1.00	25.00	-	3.00	75.00			
	(BUILDING SOR. ITEM NO 7.4.1/45)					75.00	SQ.M	382.00	28650.00
14	Providing and making 12mm.thick cement plaster of mix : In Cement Mortar 1:6 (1 Cement : 6 fine Sand) INNER	1.00	25.00		2.00	75.00			
	(BUILDING SOR. ITEM NO11.2/103)	1.00	25.00	-	3.00	75.00 75.00	SQ.M	91.50	6862.50
	(BUILDING SOR. ITEM NO11.2/103)					73.00	50.11	71.50	0002.50
	Providing and making 15mm.thick cement plaster on the rough side of single or half brickwall of mix. In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	OUTER	1.00	25.00	-	3.00	75.00	COM	107.00	9025 00
	(BUILDING SOR. ITEM NO11.3/103)					75.00	SQ.M	107.00	8025.00
	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.	1.00	25.00	-	3.00	75.00			
	As per Ammendment no 08, 05/05/2025 item no.16.62				Total	75.00	SQ.M	64.00	4800.00
	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta,Nerolac Suraksha Plus, Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year		25.00						
	OUTER	1.00	25.00	-	3.00 Total	75.00 75.00	~~~		
	As per Ammendment no 08, 05/05/2025 item no.14.67				0.10	75 1111	SQ.M	70.00	5250.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT KHARMORA WARD NO - 35" NAGAR PALIKA NIGHAM, KORBA (C.G.)

DETAILED ESTIMATE FOR CONSTRUCTION OF WET WASTE TIPPING SHED (5.00MX6.00M)

Based on C. G. P. W. D. RIJII. DING S. O. R. IN FORCE FROM 1 IAN 2015

	Ва	sed o					i S.O.R.	IN FORC		OM 1 JAN 2015
SN	DESCRIPTION OF ITEM		N	MEASU			QTY	RATE	UNI	AMOUNT
			0	L	В	H/D	,		T	
Ι	II		III	IV	V	VI	VII	VIII	IX	X
1	1.1 Excavation for all types and sizes of									
	foundations, trenches and drains or for any									
	other purpose including disposal of									
	excavated stuff upto 1.5 m lift and lead									
	1.1.1 In all types of soils.									
	F1(1500X1500)		8	1.50	1.50	1.50	27.00			
	total						27.00	185.00	cum	4,995.00
2	1.18 Providing and filling in plinth with									
	sand/ Crusher dust and hard moorum under									
	floor in layers not exceeding 20cm in depth									
	consolidating each deposited layer by									
	ramming and watering, including									
	dressing etc complete.									
	Footing									
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total						1.80	371.00	cum	667.80
3	3.1 Providing and laying nominal mix plain									
	cement concrete with crushed stone									
	aggregate using concrete mixer in all works									
	upto plinth level excluding cost of form									
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6									
	graded stone aggregate 40mm nominal									
	Footing									
	F1(1500X1500)		8	1.50	1.50	0.10	1.80			
	total				,		1.80	2970.00	cum	5,346.00
4	7.5 Brick work with modular fly-ash lime									
	bricks (FaLG Bricks) confirming to									
	IS:12894-2002 of class designation 4.0 in									
	foundation and plinth in:									
	7.5.4 Cement Mortar 1:6 (1 cement : 6									
	Below Plinth Level									
	L Wall		4		0.30		0.77			
	X Wall		4	2.64	0.30	0.30	0.95			
			1	4.58	0.30	0.30	0.41			
	total						2.13	3263.00	cum	6,959.98

			N	MEASU	IREM	ENT			UNI	
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	Т	AMOUNT
I	II		III	IV	V	VI	VII	VIII	IX	X
5	2.1 Providing and fixing form work									
	including centring, shuttering, strutting,									
	staging, propping bracing etc. complete and									
	including its removal									
	2.1.1 Foundations, footings, bases of									
	columns plinth beam, curtain wall in any									
	shape and size and all type of wall below									
	Footings									
	F1(1500X1500)	2	8	1.30		0.15	3.12			
	,	2	8		1.30	0.15	3.12			
	Column upto G L									
	C1(300X300)	2	8	0.30		0.65	3.12			
	,	2	8	0.30		0.65	3.12			
\vdash	Column above G L			2.20						
	C1(300X300)	2	8	0.30		0.30	1.44			
		2	8	0.30		0.30	1.44			
	Plinth Beam			0.50		0.50	1			
	L Wall	2	4	2.14		0.30	5.14			
	X Wall	2	4	2.64		0.30	6.34			
	71 11 11	2	1	4.58		0.30	2.75			
	total		-			0.50	29.58	139.00	sqm	4,111.62
								10,000	5 4 111	.,11102
6	3.2 Providing and laying nominal mix									
	reinforced cement concrete with crushed									
	stone aggregate using concrete mixer in all									
	works up to plinth level excluding cost of									
	form work									
	$3.2.1 \ 1:1\frac{1}{2}:3 \ (1 \text{ cement} : 1\frac{1}{2} \text{ coarse sand} : 3$									
	graded stone aggregate 20mm nominal									
	F1(1500X1500)		8	1.30	1.30	0.20	2.70			
	0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2		8			0.20	1.60			
	*(1.2+0.2)/2))									
	Subtotal a						4.30			
	Column upto G L									
l .			0	0.20	0.30	0.65	0.47			
	C1(300X300)		8	0.30	0.501					
	C1(300X300) Subtotal b		8	0.30	0.30		0.47			
	,		8	0.30	0.30		0.47			
	Subtotal b		8	0.30			0.47			
	Subtotal b Column above G L									
	Subtotal b Column above G L C1(300X300)						0.22			
	Subtotal b Column above G L C1(300X300) Subtotal c				0.30	0.30	0.22			
	Subtotal b Column above G L C1(300X300) Subtotal c Plinth Beam L Wall		8	0.30	0.30	0.30	0.22 0.22			
	Subtotal b Column above G L C1(300X300) Subtotal c Plinth Beam		8	0.30 2.14 2.64	0.30 0.30 0.30	0.30 0.30 0.30	0.22 0.22 0.77 0.95			
	Subtotal b Column above G L C1(300X300) Subtotal c Plinth Beam L Wall X Wall		8	0.30	0.30 0.30 0.30	0.30 0.30 0.30	0.22 0.22 0.77 0.95 0.41			
	Subtotal b Column above G L C1(300X300) Subtotal c Plinth Beam L Wall		8	0.30 2.14 2.64	0.30 0.30 0.30	0.30 0.30 0.30	0.22 0.22 0.77 0.95 0.41 2.13	4163.00	cum	29,644.7

SN	DESCRIPTION OF ITEM		N	MEASU	JREM	ENT	OTV	DATE	UNI	AMOUNT
SIN	DESCRIPTION OF ITEM		O	L	В	H/D	QTY	RATE	T	AMOUNT
Ι	П		Ш	IV	V	VI	VII	VIII	IX	X
7	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:									
	3.12.1 Thermo-Mechanically treated bars FE 415									
	Footing			4.30	1.00	78.50	337.86			
	Column			0.68	1.00	78.50	53.69			
	Plinth Beam			2.13	1.00	78.50	167.44			
	total						559.00	54.50	Kg	30,465.42
8	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead									
	Total qty of excavation - sand filling+PCC+RCC upto GL						16.28			
	total						16.28	38.15	cum	621.04
9	11.2 Providing and making 12mm thick cement plaster of mix: 11.2.4 In Cement Mortar 1:6 (1 cement : 6 C1(300X300)	4	8	0.30		0.30	2.88			
	total						2.88	91.50	sqm	263.52

			N	MEASU	JREM	ENT			UNI	
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	T	AMOUNT
Ι	II		Ш	IV	V	VI	VII	VIII	IX	X
10	11.3 Providing and making 15mm thick									
	cement plaster on the rough side of single 11.3.3 In Cement Mortar 1:5 (1 cement : 5									
	fine sand)									
	External Wall	1	2	5.00		0.60	6.00			
	External Wall	1	2	6.00		0.60	7.20			
	total			0.00		0.00	13.20	113.00	sqm	1,491.60
	totur						10.20	110.00	sqiii	1,171.00
11	14.9 Distempering with acrylic washable									
	distemper to give an even shade.									
	14.9.1 On new work (Two or more coats)									
	Area of Internal Wall									
	Area of Plaster						2.88			
	total						2.88	38.00	sqm	109.44
									•	
12	14.14 Finishing walls with water proofing									
	cement paint of required shade to give an									
	14.14.1 On new work (Two or more coats									
	applied @ 3.84 kg/10 sqm)									
	External Wall									
	Area of External Plaster						13.20			
	total	ı					13.20	41.00	sqm	541.20
13	9.3 Steel work in tubular (round,									
	square or rectangular hollow tubes etc.)									
	structure in built-up sections, trusses and									
	frame work including cutting, hoisting, fixing in position upto a height of 5m									
	above plinth level, consisting of columns									
	trusses, roof and bottom purlins, base plate,									
	9.3.1 Electric resistance or induction butt									
	welded tubes Grade-250									
	PWD S.O.RP-80/I-9.3.1									
	150Dia Pole @21.30kg/meter	1	8	4.50	21.30	_	766.80			
	Truss On Shed									
	Tie Beam 50mm dia @6.19Kg/meter	4	1	7.00	6.19	-	173.32			
	Rafter 50mm dia @6.19Kg/meter	4	2	4.35			215.41			
	Intermediate members 50mm dia	4	2	4.60			227.79			
	@6.19Kg/meter									
	Purlins 40mm dia @ 4.37Kg/meter (On	2	2	8.00	4.37	-	139.84			
	Gusset Plate, Fixing Bolt and Base Plate						180.00			
	total						1703.16	88.50	Kg	150,729.66

CNI	DECODIDATION OF ITEM		N	MEASU	JREM	ENT	OTV	DATE	UNI	AMOUNT
SN	DESCRIPTION OF ITEM		0	L	В	H/D	QTY	RATE	T	AMOUNT
Ι	II		III	IV	V	VI	VII	VIII	IX	X
14	10.12 Supply and fixing of polymer									
14	precoated galvalume profile sheets (PPGL)									
	of approved size, shape and pitch of									
	corrugation, total coated thickness (TCT)									
	0.60 mm +/- 5%, epoxy primer on both side									
	of the sheet and colour polyester top coat									
	18-20 microns and 6-7 microns on									
	bottom. Sheet should have protective guard									
	film of 25 microns minimum to avoid									1
	scratches while transportation and should									1
	be supplied in single length upto 12 metre									1
	or as desired by Engineer-in-charge. The									1
	sheet shall be fixed using self drilling /self									, I
	tapping screws of size (5.5x 55mm) with									1
-	EPDM seal or with polymer coated J or L									
	PWD S.O.RP-91/I-10.11 Roofing		2	3.82	8.00		61.12			
	total			3.82	8.00		61.12	693.00	sqm	42,356.16
	totai						01.12	073.00	sqiii	42,330.10
15	10.16 Providing and fixing precoated									
	galvanised steel sheet roofing accessories									1
	0.50 mm +/- 5% total coated thickness									1
	(TCT), Zinc coating 120gsm as per IS: 277									1
	in 240mpa steel grade, 5-7 microns epoxy									1
	primer on both side of the sheet and									
	polyester top coat 15-18 microns using self									1
	drilling/ self tapping screws or with									
	10.16.1 Ridges plain (500-600mm)									
	Ridge		1	8.00			8.00			
	total						8.00	552.00	mtr	4,416.00
17	10.16.6 Coutton (600 11.1.41)									
16	10.16.6 Gutter. (600 mm over all girth). Gutter		2	8.00			16.00			
	total			8.00			16.00	629.00	mtr	10,064.00
	totai						10.00	027.00	ши	10,004.00
17	14.22 Painting on new work (two or more									
	coats) to give an even shade with:									
	14.22.2 Premium synthetic enamel paint									
	On Steel Structure									
	pole	1.5	2	36.00			108.00			
	Truss	1.5	2	157.68			473.04			
	total						581.04	47.00	sqm	27,308.88

SN	DESCRIPTION OF ITEM		N			QTY	RATE	UNI	AMOUNT	
SIN	DESCRIPTION OF ITEM		0	\mathbf{L}	В	H/D	QII	KATE	T	AMOUNT
I	II		Ш	IV	V	VI	VII	VIII	IX	X
18	18.76 Providing and fixing on									
	wall face or under floor UV stabilized									
	Unplasticised Rigid PVC pipes (single									
	socketed) having 3.2mm wall thickness									
	conforming to IS: 13592 (4kg/sqcm)									
	including required counters jointing with									
	18.76.2 110 mm dia pipe.									
	Rain water Pipe		4	4.50			18.00			
	total						18.00	267.00	mtr	4,806.00
19	12.4 52 mm thick cement concrete flooring									
	with under layer of 40mm thick cement									
	concrete 1:2:4 (1 cement : 2 coarse sand : 4									
	graded stone aggregate 20mm nominal									
	size) and top layer of 12 mm thick cement									
	metallic hardener concrete mix 1:2 (1									
	cement hardener mix: 2 stone aggregate of									
	30 0		1	5.00	6.00		30.00			
	total					-	30.00	441.00	sqm	13,230.00
									Total	338,128.04
				Add	3% E	lectric	al and Pl	umbing V	Vork	10,143.84
SUB TOTAL 34									348,271.89	

DETAILED ESTIMATE FOR PROPOSED WORK OF
" SLRM CENTRE AT KHARMORA WARD NO - 35 "
NAGAR PALIKA NIGHAM, KORBA (C.G.)

(Building	g SOR Items) V	V.E.F 01/01/2015								
S NO.	ITEM NO.	DESCRIPTION	NO.	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		SLRM FLOORING WOI	RK							
1	(BUILDING SOR ITEM NO. 12.49/118)	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 SQ.M and upto 0.50 SQ.M)								
		Add 10% Extra	1.00	12.00	27.00	-	324.00 32.40 356.40		897.00	319690.80
								Т	OTAL	319690.80

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT KHARMORA WARD NO - 35 " NAGAR PALIKA NIGHAM, KORBA (C.G.)

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations, trenches and							/	
	drains or for any other purpose including disposal of excavated								
	stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the								
	excavated area), including dressing and leveling of pits.								
	In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with								
	crushed stone aggregate using concrete mixer in all works upto								
	plinth level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate								
	20mm nominal size).								
	bottom Beam-	2			0.20	0.11			
		2		0.20	0.20	0.08			
	Top Slab-	1	1.40	1.40	0.10	0.20			
	(BUILDING SOR ITEM NO3.9/24)					0.39	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work								
	including straightening, cutting, bending, binding etc. complete as								
	per drawings including cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415	04	<u> </u>		2.2.1	0.20			
	(COD ITEM NO. 2.12.1/2.0)	Qty. a	as per ite		3.2.1	0.39	T/C	54.50	10/2 75
	(SOR ITEM NO3.12.1/24)		<u>50 kg</u>	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks)								
	confirming to IS:12894-2002 of class designation 4.0 in foundation								
	and plinth in:	1	4.00	0.20	1 40	1 24	CUM	22(2.00	1205 15
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness,								
	for all leads & lifts, all complete as per direction of Engineer-in-								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of	1		1.00	0.40	0.40		806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of	1	1.00	1.00	0.30	0.20		471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)	1	1.00	1.00	0.20	0.20	CUM	4/1.00	94.20
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and								
U	drains or for any other purpose including disposal of excavated								
	stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the								
	excavated area), including dressing and leveling of pits.								
	In all types of soil	1	50.0	0.30	0.30	4.50	CUM	185.00	832.50
	(BUILDING SOR ITEM NO1.1/9)		50.0	0.50	0.50	4.50	CON	100.00	052.50
7	Filling from available excavated stuff (Excluding rock) in trenches,								
•	plinth, sides of foundation etc. in layers not exceeding 20cm. In								
	depth consolidation each deposited layer by ramming and watering								
	with a lead upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)					-			
	, , , , , , , , , , , , , , , , , , ,								

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	Providing and filling in open area with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	50% of Item No 1 - Pipe Dia	-	-	-	-	2.25	CUM	371.00	834.75
	(BUILDING SOR ITEM NO1.18/11)								
9	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382								
	150 mm dia	1	50.00	-	-	50.00	RM	440.00	22000.00
	(BUILDING SOR ITEM NO18.76.3/170)								
								Total Rs.	32001.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT BARBASPUR WARD NO - 9" NAGAR PALIKA NIGAM, KORBA (C.G.)

"WINDROW COMPOST PLANT - 6 TPD"

1 1. 2 1. 3 1.	1.10 1.17	PARTICULARS Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. Footing Filling from available excavated stuff	NO. 14		L	В	H/D	QTY	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
2 1. 3 1.		trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. Footing Filling from available excavated stuff	14								
3 1.	1.17	Filling from available excavated stuff	14								
3 1.	1.17			1	1.50	1.50	1.75	55.13	GT II C	105.00	10100.10
4 3		(Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M. 50% of excavated material						55.13	CUM	185.00	10198.13
4 3		30% of excavated material						27.56	CUM	65.00	1791.56
	1.18	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.									
		Footing	14	1	1.50	1.50	0.10	3.15			
		In Flooring	1	1	25.00	12.20	0.50	152.50 155.65	CUM	371.00	57746.15
3.	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work						133.03	COM	3/1.00	37/40.13
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).									
		Footing	14	1	1.50	1.50	0.10	3.15			
		In Flooring	1	1	25.00	12.20	0.15	45.75 48.90	CUM	2970.00	145233.00
5 3.	3.2.1	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.									
		1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).									
		Footing 0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.2+0.2)/2))	14				0.20	4.73			
			14		1.30	1.30	0.22	3.04		<u> </u>	
		sub total Column upto G L						7.77	\vdash	 	_
		C1(300X300)	14		0.30	0.30	1.10	1.39	4.43		
		sub total						1.39			
		Column above G L C1(300X300)	14		0.30	0.30	0.35	0.44			
		DE. A. P.						0.44	 	 	
		Plinth Beam L Wall	10		3.70	0.30	0.40	4.44	+		
		2 // 4.1	2		4.30	0.30	0.40	1.03			
		X Wall Subtotal	2		11.60	0.30	0.40	2.78 8.26			

S. NO.	SOR	PARTICULARS	NO.		L	В	H/D	QTY	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
6	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: 3.1 2.1 Thermo-Mechanically treated bars FE 41 5									
		Facting			7.77	1.20	78.50	731.93			
		Footing Column			1.83	1.20	78.50	172.39			
		Plinth Beam			8.26	1.20	78.50	778.09			
7	2.10	2.1 Providing and fixing form work including centring,shuttering, strutting, staging, propping bracing etc.complete and including its removal						1682.41	KG	54.50	91691.45
		2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.									
		Footings									
		F1(1500X1500)	2	14	1.30		0.20	7.28 7.28			
		Column upto G L		14	1.30		0.20	7.28			
		C1(300X300)	2	14	0.30		1.10	9.24			
			2	14	0.30		1.10	9.24			
		Column above G L									
		C1(300X300)	2	14	0.30		0.35	2.94			
		Plinth Beam	2	14	0.30		0.35	2.94			
		L Wall	2	10	3.70		0.40	29.60			
			2	2	4.30		0.40	6.88			
		X Wall	2	2	11.60		0.40	18.56			
8	7.5.4	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to 15:12894-2002 of class designation 40 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) - Extra for brick work in superstructure Above 1 plinth level for every floor or part thereof in addition to rate for foundation and plinth:						93.96	sqm	139.00	13060.44
		Below Plinth Level L Wall X Wall		10	3.7	0.3	0.3	3.33			
				2	4.30	0.30	0.30	0.77			
				2	11.60	0.30	0.30	2.09 6.19	CUM	3384.00	20953.73
9	7.5.4	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to 15:12894-2002 of class designation 40 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) - Extra for brick work in superstructure Above 1 plinth level for every floor or part thereof in addition to rate for foundation and plinth:						V.17	COM	3304.00	20755./3
	-	L Wall		2	25.00	0.20	0.35	3.50			
		X Wall Subtotal		2	12.20	0.20	0.35	1.71 5.21			
		Deductions						J.41			
		Opening		1	4.00	0.20	0.35	0.28			
	-	Subtotal						0.28			
		TOTAL						4.93	CUM	3452.00	17018.36

S. NO.	SOR	PARTICULARS	NO.		L	В	H/D	QTY	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
10	11.3.3	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall 11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand) External Wall									
			2	1	25.00		0.60	30.00			
			2	1	12.20		0.60	14.64			
		TOTAL						44.64	sqm	113.00	5044.32
11	14.9.1				30.52			30.52			
		TOTAL						30.52	sqm	38.00	1159.76
12	14.14.1				44.64			44.64			
		TOTAL						44.64	sqm	41.00	1830.24
13	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a									
	9.1.3	Electric resistance or induction butt welded tubes Grade-250									
		PWD S.O.RP-80/I-9.3.1									
		Pole @38.90kg/meter	1	14	4.65	38.90	-	2532.39			
		Truss On Processing Shed			12.20	6.10		571.06			
		Tie Beam 50mm dia @6.19Kg/meter	7	1	13.20	6.19	-	571.96			
		Rafter 50mm dia @6.19Kg/meter	7	2	6.54	6.19	-	566.76			
		Intermediate members 50mm dia @6.19Kg/meter	7	2	14.50	(10		1056 57			
		Purlins 40mm dia @ 4.37Kg/meter (On Top)	7	2	14.50	6.19	-	1256.57			
		Purins 40mm dia (@ 4.37kg/meter (On 10p)	2	2	26.00	4 27		691.73			
		Gusset Plate, Fixing Bolt and Base Plate Etc	3		26.00	4.37	-	681.72 450.00			
\vdash		total						6059.40	KG	88.50	536256,90
14	10.12			1	26.00	13.20	-	343.20	NO.	00.50	330230.90
	10.12	total		-	20.00	15.20		343.20	sqm	693.00	237837.60
15	10.16	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:							1		
	10.16.1	Ridges plain (500-600mm) Ridge total		1	26.00			26.00 26.00	mtr.	552.00	14352.00

S. NO.	SOR	PARTICULARS	NO.		L	В	H/D	QTY	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
16	10.16.6	Gutter. (600 mm over all girth). Gutter		2	26.00			52.00			
		total						52.00	mtr.	629.00	32708.00
17	14.22	Painting on new work (two or more coats) to									
		give an even shade with:									
	14.22.2	Premium synthetic enamel paint									
		On Steel Structure									
		pole	1.5	2	65.10			195.30			
		Truss	1.5	2	317.68			953.04			
		total						1148.34	sqm	47.00	53971.98
18	18.76.2	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete. 18.76.2 110 mm dia pipe. Rain water Pipe									
		TOTAL		8	4.00			32.00	mtr.	267.00	8544.00
Cost of 1 Windrow Compost Plant of 6 TPD Rs.											1323719.66
Add 15% Extra For Electrical and Plumbing Work Rs.										198557.95	
Total Cost of 1 Windrow Plant Rs.										1522277.61	
Grand Total for 11 Windrow Compost Plant Rs.										16745053.68	

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT BARBASPUR WARD NO - 9 " NAGAR PALIKA NIGAM, KORBA (C.G.)

" PROPOSED LEACHATE TANK 5.00X2.00X1.50 M "

	" PROPOSED LEACHATE TAP	VIV 2.0	JUAZ.U	UA1.	<u> </u>				
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT
1	Excavation for all types and sizes of foundations trenches and drains or for any other							(III KS.)	(in Rs.)
-	purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at								
	teats 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1) In all types of soil								
	(BUILDING SOR ITEM NO1.1/9)	1	5.70	2.70	2.10	32.32	CUM	185.00	5979.02
2	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of								
	foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited								
	layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.								
	Excavated Area-	1	5.70	2.70	2.10	32.32			
	Deduction Tank Area-	-1	5.40	2.40	1.50	-19.44			
	P.C.C	-1	5.70	2.70	0.15	-2.31			
	(BUILDING SOR ITEM NO1.17/11)					10.57	CUM	65.00	687.08
3	Providing and filling in plinth with sand/ Crusher dust and hard moorum under								
	floor in layers not exceeding 20cm in depth consolidating each deposited layer								
	by ramming and watering, including dressing etc. complete.								
				L					
	(BUILDING SOR ITEM NO 1.18/11)	1	5.70	2.70	0.15	2.31	CUM	371.00	856.45
4	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of from								
	work.								
	3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal								
	size).								
	(BUILDING SOR ITEM NO 3.1.3/23)	1	5.70	2.70	0.15	2.31	CUM	2970.00	6856.25
5	Providing and laying nominal mix reinforcement cement concrete with crushed stone		3.70	2.70	0.13	2.01	COM	2570.00	0030123
-	aggregate using concrete mixer in all works upto floor five level excluding cost of								
	reinforcement and form work.								
	3.2.1) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal								
	size).								
	Bottom Slab-	1	5.40	2.40	0.15	1.94			
	Top Slab-	1	5.40	2.40	0.15	1.94			
	Deduction-	-2	0.60	0.60	0.15	-0.11			
	(BUILDING SOR ITEM NO 3.2.1/23)					3.78	CUM	4163.00	15736.14
6	Providing and fixing formwork including centering, shuttering, strutting, staging,								
	propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and								
	size and all type of wall below plinth level.								
	Ar								
	Bottom Slab-	1	14.40	<u> </u>	0.15	2.16			
	(BUILDING SOR ITEM NO 2.1.1/16)					2.16	SQ.M	139.00	300.00
7	2.1.7) Suspended floors, roofs, access platform, balconies (plain surfaces) and								
	shelves (cast in situ)		5.40	2.40		10.07			
	Top Slab-	1	5.40	2.40	- 0.15	12.96	1		
	side Deduction-	-2	14.40	0.60	0.15	2.16 -0.72	1		
	(BUILDING SOR ITEM NO2.1.7/16)		0.00	0.00		14.40	SQM	235.00	3384.00
8	Providing and placing in position reinforcement for R.C.C. work including								22000
	straightening, cutting bending binding etc. complete as per drawings including cost								
	of binding wire all complete:								
	Thermo-Mechanically treated bars FE 415								
		Qt		as per item no. 5		3.78			
	(BUILDING SOR ITEM NO3.12.1/24)		<u>80 kg</u>	/cum	ı	302.40	KG	54.50	16480.80
9	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-		-	-			-		
9	2002 of class designation 40 in foundation and plinth in:								
	2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-								
			l	<u> </u>	L				

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	(SOR. ITEM NO 7.5.4/45)							Ì	,
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	Extra for brick work in superstructure:								
	(SOR. ITEM NO 7.6/45)								
	Leachate Tank Wall	1	14.40	0.20	1.50	4.32			
						4.32	CUM	3384.00	14618.8
10	Providing and making 6 mm thick cement plaster of mix								
10	(SOR. ITEM NO11.1/103)							-	
	11.1.2) In Cement mortar 1:4 (1 cement : 4 fine sand)								
	Inside Plaster	1	14.40		1.50	21.60			
	Inside Plaster	1	14.40		1.50	21.60		87.00	1070.2
			-			21.00	SQM	87.00	1879.2
11	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design. 20.11.1 With 20x20 mm square bar								
	(BUILDING SOR ITEM NO20.11/191)	2	-	-	-	2.00	NOS.	168.00	336.00
12	Providing and fixing in position precast R.C.C. manhole cover and frame L D- 2.5 of required shape and approved quality Rectangular shape 600x450mm internal dimensions								
	(BUILDING SOR ITEM NO20.15.1/192)	2	-	-	-	2.00	EACH	1031.00	2062.00
13	25mm thick cement concrete flooring with 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with floating cost of neat cement.								
	(BUILDING SOR ITEM NO12,2/111)	1	5.00	2.00	_	10.00	SQM	165.00	1650.0
14	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete. 150 mm dia pipe.								
	Leachate Drain Pipeline	1	12.00	-	-	12.00	MTR	440.00	5280.00
	(BUILDING SOR ITEM NO 18.76/170)								
						~	61 X	(M	#C40# 0
								ate Tank Rs.	76105.82 380529.08
						1 otal Cost (or 3 Leach	ate Tank NS.	300329.0

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT BARBASPUR WARD NO - 9" NAGAR PALIKA NIGAM, KORBA (C.G.)

" CURING SHED "

16.18 Dismantling asbestos sheet reoffing including ridges, hips valley and gutters and stacking the material swith 50 metal stacking the materials with 50 m lead stacking the materials with 50 m lead stacking in the materials with 50 m lead stacking in the materials with 50 m lead stacking with 50 metal stacking with 50 metals lead. 1.10 metals stacking the material swith 50 metals lead. 1.10 metals stacking with 50 metals lead. 1.10 metals lead to 1.10			<u>" (</u>	UKI	NG	SHED	_					
16.3.3 disposal of unserviceable material disposal of unserviceable material within 50 metres lead. 16.3.3 In cement mortar 14 12.00 0.20 0.60 20.16	S. NO	SOR	PARTICULARS	NO.		L	В	H/D	QTY	UNIT		AMOUNT (in Rs.)
16.18 Dismantling asbestos sheet roofing including ridges, hips valley and gutters and stacking the materials with 50 m lead. 25.00 12.00 300.00 CUM 15.00 4500.00	1	16.3.3	arches, stacking of serviceable material disposal of unserviceable material within 50									
16.18 Dismantling asbestos sheet roofing including ridges, hips valley and gutters and stacking the materials with 50 m lead. 25.00 12.00 300.00 CUM 15.00 4500.00			Ex Compost Pits	4		25.00	0.20	0.60	12.00			
16.18 Dismantling asbestos sheet roofing including ridges, hips valley and gutters and stacking the materials with 50 m lead. 17. Fx Compost Pits 1 25.00 12.00 300.00 CUM 15.00 4500.00 10.00			•	14				.				
2 Including ridges, hips valley and gutters and stacking the materials with 50 m lead.									32.16	CUM	263.00	8458.00
16.31 Dismantling steel work in built-up section in angles, chamels, flats lsection and T-section including all gusset plates, bolts, nuts, cutting rivets, welding etc., including dismembering and stacking within 50 metres lead. Ex Compost Pits Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of exeavated staff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. Footing Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by armming and watering with a lead upto 50m. And lift upto 1.5 M. Providing and filling in plinth with sand crusher dust and hard moorum under floor in layers not exceeding 20cm in depth and consolidating each deposited layer by armming and watering, including dressing etc. complete. Footing 1 1.18 Providing and filling in plinth with sand crusher dust and hard moorum under floor in layers not exceeding 20cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete.	2		including ridges, hips valley and gutters and stacking the materials with 50 m lead.									
16.31 Dismantling steel work in built-up section in angles, channels, flats Isection and T-section including all gusset plates, bolts, nuts, cutting rivets, welding etc., including dismembering and stacking within 50 metres lead. Ex Compost Pits 1 L/S 5000.00 CUM 15.00 75000.0 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. Footing 5 1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M. Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20cm long and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20cm long and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20cm long and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20cm long and watering, including dressing etc. complete. Footing 1 1 1 25.00 12.00 0.50 152.50			Ex Compost Pits	1		25.00	12.00					
section in angles, channels, flats Isection and T- section including all gueset plates, bolts, nuts, cutting rivers, welding etc., including dismembering and stacking within 50 metres lead. Ex Compost Pits 1 L/S 5000.00 CUM 15.00 75000.0 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. Footing 5 1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M. Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 may in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Footing 1 1 1 25.00 12.20 0.50 152.50									300.00	CUM	15.00	4500.00
Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated Stam away from the excavated area), including dressing and leveling of pits. Footing Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M. Frowiding and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Frooting 1 1 1 2 25.00 12.20 0.50 152.50	3		section in angles, channels, flats Isection and T- section including all gusset plates, bolts, nuts, cutting rivets, welding etc., including dismembering and stacking within 50 metres									
Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. Footing Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M. Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Footing 1 1 1 2 5.00 12.20 0.50 152.50			Ex Compost Pits	1		L/S			5000.00			
foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. Footing Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M. Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Footing 1 1 1 25.00 12.20 0.50 152.50									5000.00	CUM	15.00	75000.00
Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M. Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Footing 1 1 25.00 12.20 0.50 152.50	4	1.10	foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including	14	1	1.50	1.50	1.75	55.13			
Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M. Solow of excavated material 27.56 27.			Footing						55.13	CUM	185.00	10198.13
Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Footing 1 1 25.00 12.20 0.50 152.50	5	1.17	(Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto						27.56			
6 1.18 /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc. complete. Footing 1 1 25.00 12.20 0.50 152.50			50% of excavated material						27.56	CUM	65.00	1791.56
	6	1.18	Providing and filling in plinth with sand /crusher dust and hard moorum under floor in layers not exceeding 20 cm in depth and consolidating each deposited layer by ramming and watering, including dressing etc.	14	1	1.50	1.50	0.10				
In Flooring 155.65 CUM 371.00 57746.1 5				1	1	25.00	12.20	0.50				
			In Flooring						155.65	CUM	371.00	57746.15

S. NO	SOR	PARTICULARS	NO.		L	В	H/D	QTY	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
7	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work									
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	14	1	1.50	1.50	0.10	3.15			
		Footing	1	1	25.00	12.20	0.15	45.75			
		In Flooring						48.90	CUM	2970.00	145233.00
8	3.2.1	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.									
		1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	14				0.20	4.73			
		Footing 0.3/6*((1.2*1.2)+(0.3*0.2)+(4*(1.2+0.3)/2*(1.2 +0.2)/2))			1.30	1.30	0.22	3.04			
								7.77			
		sub total	1.4		0.20	0.20	1 10	1.20	4.42		
		Column upto G L C1(300X300)	14		0.30	0.30	1.10	1.39	4.43		
		sub total						1.57			
		Column above G L	14		0.30	0.30	0.35	0.44			
		C1(300X300)						0.44			
		DV 4 D	10		2.70	0.20	0.40	4.44			
		Plinth Beam L Wall	10		3.70 4.30	0.30	0.40	1.03			
		L wan	2		11.60	0.30	0.40	2.78			
		X Wall						8.26			
		Subtotal						17.85	CUM	4163.00	74322.04
		TOTAL									
9	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: 3.1 2.1 Thermo-Mechanically treated bars FE 41 5			7.77	1.20	78.50	731.93			
		Footing			1.83	1.20	78.50	172.39			
		Column			8.26	1.20	78.50	778.09			
		Plinth Beam						1682.41	KG	54.50	91691.45
10	2.10	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc.complete and including its removal 2.1.1 Foundations, footings, bases of									
		columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	2	1.4	1 20		0.20	7.29			
		Footings F1(1500X1500)	2	14 14	1.30		0.20	7.28 7.28			
		1 1(1500/11500)		17	1.50		0.20	1.20			
		Column upto G L	2	14	0.30		1.10	9.24			

S. NO	SOR	PARTICULARS	NO.		L	В	H/D	QTY	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
		C1(300X300)	2	14	0.30		1.10	9.24			
					0.20		0.25	201			
		Column above G L	2	14	0.30		0.35	2.94			
		C1(300X300)	2	14	0.30		0.35	2.94			
		Plinth Beam	2	10	3.70		0.40	29.60			
		L Wall	2	2	4.30		0.40	6.88			
		L wan	2	2	11.60		0.40	18.56			
		X Wall			11.00		0.10	93.96	sqm	139.00	13060.44
		total						75.70	- 4		10000
11	7.5.4	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to 15:12894-2002 of class designation 40 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) - Extra for brick work in superstructure Above 1 plinth level for every floor or part thereof in addition to rate for foundation and plinth:		10	3.7	0.3	0.3	3.33			
		Below Plinth Level L Wall X Wall		2	4.30	0.30	0.30	0.77			
				2	11.60	0.30	0.30	2.09			
								6.19	CUM	3384.00	20953.73
12	7.5.4	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to 15:12894-2002 of class designation 40 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) - Extra for brick work in superstructure Above 1 plinth level for every floor or part thereof in addition to rate for foundation and plinth:		2	25.00	0.20	0.35	3.50			
		L Wall		2	12.20	0.20	0.35	1.71			
		X Wall						5.21			
		Subtotal									
		Deductions		1	4.00	0.20	0.35	0.28			
		Opening						0.28			
		Subtotal						4.93	CUM	3452.00	17018.36
		TOTAL					ļ				
13	11.3.3	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall 11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand) External Wall	2	1	25.00		0.60	30.00			
			2	1	12.20	ļ	0.60	14.64			
		_						44.64	sqm	113.00	5044.32
4.	4404	TOTAL			30.52		1	30.52		20.00	
14	14.9.1	mom i v			44.64			30.52	sqm	38.00	1159.76
15	1 / 1 / 1	TOTAL		-	44.64		-	44.64		41.00	1020.24
15	14.14.1	TOTAL						44.64	sqm	41.00	1830.24

S. NO	SOR	PARTICULARS	NO.		L	В	H/D	QTY	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
16	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a									
	9.1.3	Electric resistance or induction butt welded tubes Grade-250									
		PWD S.O.RP-80/I-9.3.1	1	14	4.65	38.90	-	2532.39			
		Pole @38.90kg/meter									
		Truss On Processing Shed	7	1	13.20	6.19	-	571.96			
		Tie Beam 50mm dia @6.19Kg/meter	7	2	6.54	6.19	-	566.76			
		Rafter 50mm dia @6.19Kg/meter	7	2	14.50	6.19	-	1256.57			
		Intermediate members 50mm dia	_	_							
		@6.19Kg/meter	3	2	26.00	4.37	-	681.72			
		Purlins 40mm dia @ 4.37Kg/meter (On Top)						450.00			
		Gusset Plate, Fixing Bolt and Base Plate Etc						6059.40	KG	88.50	536256.90
		total		1	26.00	13.20		343.20			
17	10.12	total						343.20	sqm	693.00	237837.60
18	10.16	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:		1	26.00			26.00			
	10.16.1	Ridges plain (500-600mm) Ridge		2	26.00			26.00	mtr.	552.00	14352.00
19	10.16.6	total Gutter. (600 mm over all girth). Gutter		2	26.00			52.00	mtu	620.00	22700 00
19	10.10.0	total			 			52.00	mtr.	629.00	32708.00
20	14.22	Painting on new work (two or more coats) to									
		give an even shade with:									
	14.22.2	ž									
		On Steel Structure	1.5	2	65.10			195.30			
		pole	1.5	2	317.68			953.04			
		Truss						1148.34	sqm	47.00	53971.98
		total									

S. NO	SOR	PARTICULARS	NO.		L	В	H/D	QTY	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
21	18.76.2	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete. 18.76.2 110 mm dia pipe. Rain water Pipe		∞	4.00			32.00	mtr.	267.00	8544.00
		TOTAL									
										Total Rs.	1411677.66
	•		·	·		Add 10%	Electri	cal and Pl	umbing	Work Rs.	112934.21
								Cost of 1	Curing	Shed Rs.	1524611.87
	Cost for 3 Curing Shed Rs. 45738.										4573835.61

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT BARBASPUR WARD NO - 9 " NAGAR PALIKA NIGAM, KORBA (C.G.)

	PROPOSED SHED FOR STORAGE (15.00X10.00 M.) 10. PARTICULAR NO. L B H/D QTY. UNIT RATE AMOUNT (1.10)											
S.No.							OTV	IINIT	RATE	AMOUNT		
5.110.		141	0.	L	В	II/D	QII.	UNII	(in Rs.)	(in Rs.)		
	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose											
	including disposal of excavated stuff upto 1.5 m lift											
1	and lead upto 50m (at least 5m away from the											
-	excavated area), including dressing and leveling of											
	pits.											
	1.1.1) In all types of soil											
			10	1.80	1.80	1.50	48.60					
	(BUILDING SOR ITEM NO1.1.1/9)						48.60	CUM	185.00	8991.00		
	Providing and filling in plinth with sand /crusher											
	dust and hard moorum under floor in layers not											
2	exceeding 20 cm in depth and consolidating each											
	deposited layer by ramming and watering, including											
	dressing etc. complete.											
	Sand Filling F1-		10	1.80	1.80	0.10	3.24					
	Floor Area		1	15.00	10.00	0.60	90.00 93.24	CUM	371.00	24502.00		
	(BUILDING SOR. ITEM NO1.18/11)						93.24	CUM	3/1.00	34592.00		
	Providing and laying nominal mix plain cement											
	concrete with crushed stone aggregate using											
3	concrete mixer in foundation, plinth and at ground											
3	level excluding cost of form work.											
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone											
	aggregate 40mm nominal size). M-10		1.0	1.00	1.00	0.10	2.2.1					
	Floor Area		10	1.80 15.00	1.80	0.10	3.24 90.00					
	(BUILDING SOR. ITEM NO 3.1.3/23)		1	13.00	10.00	0.00	93.24	CUM	2970.00	276922.80		
	(Seller to solver leave to the seller to the						, , , , ,					
	Cement concrete flooring with cement concrete											
4	1:2:4 (1 cement : 2 coarse sand : 4 graded stone											
_	aggregate 20mm) finished with a floating											
	coat of neat cement. 40 mm thick		1	15.00	10.00		150.00		222.00	22200.00		
	Floor area (BUILDING SOR ITEM NO 12.3)		1	15.00	10.00		150.00	sqm	222.00	33300.00		
	(Delibbility Soft ITEM ITO, 1210)											
	Providing and laying nominal mix reinforced											
	cement concrete with crushed stone aggregate using											
_	concrete mixer in all works upto plinth level											
5	excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone											
	aggregate 20mm nominal size). Grade of Concrete M-											
	20											
	Footing-		1.0	1	1.5.	0.22						
	Colunm upto Ground level-		10	1.50	1.50	0.30	6.75					
	Column upto Ground Tever-		10	0.45	0.30	1.00	1.35					
	Colunm Above Ground level-											
			10	0.45	0.30	4.00	5.40					
	(BUILDING SOR ITEM NO 3.2/23)						13.50	CUM	4163.00	56201.00		
	· · · · · · · · · · · · · · · · · · ·											

6	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.									
	(BUILDING SOR ITEM NO 1.17)						29.16	CUM	65.00	1895.40
7	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415		Ot	nantity as	nar itar	n 3 3	13.50			
	(BUILDING SOR. ITEM NO3.12.1/24)		Ųι		g/cum	11 3.3	1080.00	KG	54.50	58860.00
	(BOIEDING SON: ITEM NO. 5.12.1/21)				,		1000.00	110	3 1.50	20000.00
8	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.									
	Footing-									
			10	6.00	-	0.30	18.00			
	Colunm upto Ground level-		10	1.50		1.00	15.00			
	Colunm Above Ground level-		10	1.30	-	1.00	13.00			
	Coldini 10000 Glodina level		10	1.50		4.00	60.00			
	(BUILDING SOR ITEM NO 2.1.1/16)						93.00	SQ.M	139.00	12927.00
9	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)									
	Long wall	2	4	3.37	0.20	4.00	21.57			
	Short wall	1	2	9.10	0.20	4.00	14.56			
	For Traingular Area $(1/2xbxh)(1/2x5x1.2 = 3.00 \text{ sqm})$	2	2	3.00	sqm	0.20	2.40			
	Deduction W	1	А	1.20	0.20	1.20	1 15			
	Rolling Shutter	1	4	1.20 3.77	0.20	1.20 3.50	-1.15 -2.64			
	(BUILDING SOR ITEM NO 7.5.4)			5.77	J.20	3.50	34.74		3263.00	113346.83
10	11.2 Providing and making 12mm thick cement plaster of mix: 11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)									
	Long well	2	1	2 27		4.00	107.94			
	Long wall Short wall	1	2	3.37 9.10		4.00	107.84 72.80			
		1				7.00				
	For Traingular Area (1/2xbxh)(1/2x5x1.2 =3.00 sqm) Deduction	2	2	3.00			12.00			
	W	1	4	1.20		1.20	-5.76			
	Rolling Shutter	1	1	3.77		3.50	-13.20			
	(BUILDING SOR ITEM NO 11.2.4)						173.69	Sqm	91.50	15892.18

11	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall								
	11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)								
	C1-		10	1.50	4.00	60.00			
	Long wall	2	4	3.37	4.20	113.23			
	Short wall	1	2	9.10	4.20	76.44			
	For Traingular Area $(1/2xbxh)(1/2x5x1.2 = 3.00 \text{ sqm})$	2	2	3.00		12.00			
	Deduction								
	W	1	4	1.20	1.20	-5.76			
	Rolling Shutter	1	1	3.77	3.50	-13.20			
	(BUILDING SOR ITEM NO 11.3)					242.72	Sqm	113.00	27427.02
12	Supplying and fixing rolling shutter of approved makes made of M.S. laths interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and out side locking with push and pull arrangement complete but excluding								
	the cost of top cover and spring.	-		2.55	2.50	12.20	G	1.601.00	22212.55
	Rolling Shutter	1	1	3.77	3.50	13.20	Sqm	1691.00	22312.75
	(BUILDING SOR ITEM NO 9.27.1)								
13	Providing and fixing 27.5cm long wire spring for rolling shutters.								
	(BUILDING SOR ITEM NO 9.28)					2.00	each	362.00	724.00
14	Providing and fixing M.S. sheet top cover for rolling shutter								
	(BUILDING SOR ITEM NO 9.29)	1	1	3.77		3.77	Sqm	540.00	2035.80
15	Providing and fixing ball bearing for rolling shutters								
	(BUILDING SOR ITEM NO 9.30)					2.00	each	423.00	846.00
16	9.15 Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.								
	W	1	4	1.20	1.20	5.76		/ -	0.500
	For Qty of steel= Areax25.0 kg/Sqm	5.76	X	25.00		144.00	kg	67.50	9720.00
	(BUILDING SOR ITEM NO 9.15)			1					
17	9.51 Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):								
	With float glass panes of 5 mm thickness					5.76	Sqm	708.00	4078.08
	(BUILDING SOR ITEM NO 9.51)				 				

								1	1	,
18	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. 9.3.2 Electric resistance or induction butt welded tubes Grade-300									
	Purlin Tie beam NB 50mm	1.00	16.00	15.00		5.44	1205.60			
	Dia	1.00	16.00	15.00	@	5.44	1305.60			
	principal rafter NB 65, 5.16 mm thick	5.00	2.00	5.60	(a),	8.63	483.28			
	bottom chord	5.00	1.00	11.20	<u>@</u>	8.63	483.28			
	Post NB 65	5.00	2.00	1.20	<u>@</u>	8.63	103.56			
	Post NB 50 ,3.91 thick	5.00	2.00	0.85	(a)	5.44	46.24			
	Post NB 50	5.00	2.00	0.60	<u>@</u>	5.44	32.64			
	Post NB 50	5.00	2.00	0.35	(a)	5.44	19.04			
	Post NB 50	5.00	2.00	0.20	(a)	5.44	10.88			
	webs 50mm dia	5.00	2.00	1.45	(a)	5.44	78.88			
		5.00	2.00	1.35	<u>@</u>	5.44	73.44			
		5.00	2.00	1.25	<u>@</u>	5.44	68.00			
	**** 1 ** 22 **	5.00	2.00	0.75	<u>@</u>	5.44	40.80			
	Wind tie 32x5mm	5.00	2.00	15.00	(a)	1.30	195.00			
							2940.64			
	(Extra for gusset, , washer bolting connection etc)	10%				LS	294.06			
							3234.70	KG	93.50	302444.82
							3234.70	KU	93.30	302444.02
19	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness(TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.									
	Top Roof	1	2	15.00	5.60	-	168.00	0014	(02.00	11642400
	(BUILDING SOR ITEM NO 10.12/91)						168.00	SQM	693.00	116424.00

	10.16 Providing and fixing precoated galvanised								
	steel sheet roofing accessories								
	0.50 mm +/- 5% total coated thickness (TCT), Zinc								
	coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet								
20	and polyester top coat 15-18 microns using self								
	drilling/ self tapping screws or with polymer coated J								
	or L hooks, bolts and nuts and or G.I. seam bolts and								
	nuts, G.I. plain and bitumen washers complete:								
	10.16.1 Ridges plain (500-600mm)	1	1	15.00		15.00	Mtr	552.00	8280.00
	(BUILDING SOR ITEM NO 10.16)								
	Providing and fixing 15 cm. wide 45cm. overall								
	semi circular plain G.I. sheet gutter with iron								
21	brackets 40x3 mm size, bolts, nuts and washers etc. including making necessary connections with rain								
	water pipe complete as per designs. 0.63 mm								
	thick sheet	1	2	15.20		30.40	Mtr	629.00	19121.60
	(BUILDING SOR ITEM NO 10.16.6)								
	Providing and applying of Acrylic primer on all								
	surface applied @0.80 litrs/10 sqm as per relevant								
22	I.S. code 15489:1974 (Product such as Asian								
	Spark/suprimo, J.K. Primer, Dulux Acrylic Primer) with all tools tackles and labour etc. complete for the								
	work.								
	As per Ammendment no 08, 05/05/2025 item					172.60			
	no.16.60					173.69 242.72			
	(BUILDING SOR ITEM NO 14.12)					416.40	Sqm	37.00	15406.87
							_		
	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC								
	content less than 50gms/ lit Minimum two coats up								
	to final finish applied @ 1.25 Kg/ 10Sqm as per								
	relevant L.S. Code 428:2000 (product such as								
	Tractor Uno, Dulux Duval, Berger Bison, Opus								
23	Style/lite economy emulsion product such as Asian Tactor Spark Dulux Pomise sheen, Neroloc Litil								
	Master, Berger Bison Lite, Nippon Superio.)								
	inclusive of providing abro tape on edges and article								
	and cleaning of door, windows, floor and surface as								
	required with all tools tackles and labour complete for the work.								
	As per Ammendment no 08, 05/05/2025 item					173.69	Sqm	64.00	11115.84
	no.16.62								
L				l	l				

	Providing and applying on exterior surface with			1						
	ECONOMY Exterior Emulsion paint of required									
	shades to give protective and water proof finish									
	minimum three coats applied @ 1.43 lit / 10Sqm up									
	to final finish as per relevant I.S, Code 15489:2013									
	Type -2 Class D,C (Glossy /Semi Glossy finish)									
24	(Product such as Asian Ace, Dulux Promise Exterior									
	Berger Wall Masta ,Nerolac Suraksha Plus , Nippon									
	Shogun Opus, One Style Power Bright) inclusive of									
	providing abro tape on edges and article and cleaning									
	of door, windows, floor and surface as required with									
	all tools tackles and labour etc. complete for the									
	work (With 2 Year Warranty)									
	As per Ammendment no 08, 05/05/2025 item									
	no.14.67									
							242.72	Sqm	70.00	16990.19
	Providing and applying priming coat on steel work									
	with red Oxide/ zinc phosphate primer applied @									
25	0.50 lit /Sqm as per relevant code 3536:1999 (
43	product such as Asian Zinc phosphate, Dulux Steel									
	primer, Burger Red oxide primer) with all tools						1			
	tackles and labour etc. complete for the work									
	As per Ammendment no 08, 05/05/2025 item no.14.74									
	Purlin Tie beam NB 50mm	100	166	15.00	_	0.1.	20.15			
	Dia	1.00	16.00	15.00	@	0.16	38.40			
	principal rafter NB 65, 5.16 mm thick	5.00	2.00	5.60	@	0.20	11.20			
	bottom chord	5.00	1.00	11.20	(a)	0.20	11.20			
	Post NB 65	5.00	2.00	1.20	<u>@</u>	0.20	2.40			
	Post NB 50 ,3.91 thick	5.00	2.00	0.85	(a)	0.16	1.36			
	Post NB 50	5.00	2.00	0.60	@	0.16	0.96			
	Post NB 50	5.00	2.00	0.35	(a)	0.16	0.56			
	Post NB 50	5.00	2.00	0.20	<u>@</u>	0.16	0.32			
	webs 50mm dia	5.00	2.00	1.45	<u>@</u>	0.16	2.32			
		5.00	2.00	1.35	@	0.16	2.16			
		5.00	2.00	1.25	<u>@</u>	0.16	2.00			
	W. 1.: 22.5	5.00	2.00	0.75	<u>@</u>	0.16	1.20			
	Wind tie 32x5mm	5.00	2.00	15.00	@	0.32	48.00			
	100/ Eytra Fan Migaallanig	100/		<u> </u>		IC	122.08			
	10% Extra For Miscellenious	10%		-		LS	12.21 5.76			
	For window For Shutter			-			13.20			
	POI SHUUEI			 			153.24	35.00	sqm	5363.51
							133.24	33.00	Sqiii	
	Providing and applying Aluminium paint mimimum									
	2 coats in all metal surface applying @ 0.75 li/ 10									
	Sqm up to required finish as per relevent I.S. code									
26	2932: 2013 of (Product such as Asian Appolite						153.24	43.00	sqm	6589.45
	aluminium paint, Dulux Aliminium paint, Burger								Squi	0007.10
	Superior Aluminium Paint) with all tools tackle and						1			
	labour etc. complete for the work									
	As per Ammendment no 08, 05/05/2025 item									
	no.14.76							7	Γotal Rs.	1181808.00
							A		Electrical	35454.24
									Room Rs.	1217262.24
							Cost for 2	Store F	Room Rs.	2434524.48

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT BARBASPUR WARD NO - 9 "NAGAR PALIKA NIGAM, KORBA (C.G.)

"C.C. ROAD "

		3.01	TOAD						
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation for roadway in soil using including loading in truck for								
	carrying of cut earth to embankment site with all lifts and lead								
	upto 1000 meters as per relevant clauses of section 300.								
	Internal Road	1	320.00	7.00	0.40	896.00			
	Windrow Side Road	11	25.00	5.00	0.40	550.00			
		1	216.00	5.00	0.40	432.00			
	(Road SOR. ITEM NO3.2/11)								
2	Granular Sub-base as per Table :- 400-1					1878.00	CUM	103.00	193434.00
	Construction of granular sub base by providing close graded								
	material carriage of mixed material to work site, spreaging in								
	uniform layers with motor grader on prepared surface watering								
	rolling and compacting with vibratory power roller at OMC to								
	achive the disired density complete as per clause401								
	Plant mix Method								
	Grading-III								
	Internal Road	1	320.00	7.00	0.10	224.00			
	Windrow Side Road	11	25.00	5.00	0.10	137.50			
		1	216.00	5.00	0.10	108.00			
	(PWD ROAD ITEM NO4.1(A)ii/17)								
						469.50	CUM	1586.00	744627.00
3	Dry Lean Cement Concrete Sub- base (Construction of dry lean								
	cement concrete Sub- base over a prepared sub-grade with coarse								
	and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to								
	exceed 15:1, aggregate gradation after blending to be as per								
	table 600-1, cement content not to be less than 150 kg/ CUM,								
	optimum moisture content to be determined during trial length								
	construction, concrete strength not to be less than 10 Mpa at 7 days,								
	mixed in a batching plant, transported to site, laid with a paver								
	with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.)								
	······································								
	Internal Road		200.00			00 / 00			
	Windrow Side Road	1	320.00	7.00	0.10	224.00			
	windrow side kodd		25.00	5.00	0.10	137.50	I		
	(PWD ROAD SOR NO6.1/32)	1	216.00	5.00	0.10	108.00			
	(FWD ROAD 30K NO0.1/32)					469.50	CLIM	3449.00	1410205 50
4	Providing and laying cement concrete for plain concrete/					409.30	COM	3447.00	1619305.50
	reinforced concrete i/c form work, shuttering complete in as per								
	drawings and specifications.								
	(iii) P.C.C. M-30								
	Internal Road	1	320.00	7.00	0.20	448.00			
	Windrow Side Road	11	25.00	5.00	0.20	275.00			
		1	216.00	5.00	0.20	216.00			
	(PWD ROAD SOR NO 6.4/33)					939.00	CUM	4748.00	4458372.00
								Total Rs.	7015738.50

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT BARBASPUR WARD NO - 9 " NAGAR PALIKA NIGAM, KORBA (C.G.)

" PAVING AREA "

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
1	Excavation in Soil (by Manual Means.) Excavation for roadway in soil using including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.							(III Kus)	(in Ku)
	(ROAD SOR ITEM NO3.1/11)	1	890.00	SQM	0.15	133.50	CUM	140.00	18690.00
2	Granular Sub-base as per Table :- 400-1 Construction of granular sub base by providing close graded material carriage of mixed material to work site, spreaong in uniform layers with motor grader on prepared surface watering rolling and compacting with vibratory power roller at OMC to achive the disired density complete as per clause401 By mix in place method (b) For Sub-base cum drainage layer or upper sub-base with								
	(ROAD SOR ITEM NO4.1/15)	1	890.00	SQ.M	0.15	133.50	CUM	1,372.00	183162.00
3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size). M-10								
		1	890.00	SQ.M	0.15	133.50			
4	(BUILDING SOR. ITEM NO 3.1.3/23) 4.15 Providing & laying precast interlocking concrete blocks of minimum compressive strength of 300 kg/sq.cm and approved size , shape/ pattern over coarse sand bed of thickness upto 40 mm and joints thick filled with fine sand including leveling with surface vibrator, temping and sweeping etc. complete as per IRC-SP-63-					133.50	CUM	2970.00	396495.00
	.D) 60mm thick Polymer coated coloured precast interlock concrete	1	890.00	SQM	-	890.00	SQ.M	647.00	575830.00
	(ROAD SOR. ITEM NO4.15/17)								
								Total Rs.	1174177.00

DETAILED ESTIMATE FOR PROPOSED WORK OF "SLRM CENTRE AT BARBASPUR WARD NO - 9" NAGAR PALIKA NIGAM, KORBA (C.G.)

"BOUNDARY WALL WITH CHAIN LINKED FENCING - 433.50 M"

-	BOOTIBIRE WITH CI				1				
S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
								(in Rs.)	(in Rs.)
	Excavation for all types and sizes of foundations, trenches and								
	drains or for any other purpose including disposal of								
	excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m								
	away from the excavated area), including dressing and								
	leveling of pits.								
	(SOR ITEM NO1.1.1/9)								
	1.1.1) In all types of soil								
	F1	125	1.20	1.20	1.50	270.00			
	Γ1	123	1.20	1.20	1.50		CIDA	107.00	400.50.00
						270.00	CUM	185.00	49950.00
2	Providing and filling in plinth with sand /crusher dust and								
	hard moorum under floor in layers not exceeding 20 cm in								
	depth and consolidating each deposited layer by ramming and								
	watering, including dressing etc. complete.								
	F1	125	1.20	1.20	0.10	10.00		 	
		123	1.20	1.20	0.10	18.00			
	(BUILDING SOR. ITEM NO1.18/11)					18.00	CUM	371.00	6678.00
2	Providing and laying nominal mix cement concrete with								
	crushed stone aggregate using concrete mixer in foundation,								
	plinth and at ground level excluding cost of form work.								
	(SOR. ITEM NO 3.1.3/23)								
	3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone								
	aggregate 40mm nominal size).								
		125	1.20	1.20	0.10	18.00			
						18.00	CUM	2970.00	53460.00
3	Providing and laying nominal mix reinforced cement concrete					10.00	CONI	2570.00	
	with crushed graded stone aggregate 20mm nominal size using							 	
	batching plant, transit mixer and concrete pump, in all works								
	upto plinth level excluding cost of form work.								
	upto pilitii ievei excituting cost of form work.								
	(SOR. ITEM NO 3.2.1/23)		<u></u>						
	3.4.2) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone								
	aggregate 20mm nominal size).								
	Column footing	125	0.90	0.90	0.20	20.25			
	Ground Beam	1	433.50			26.01			
		1	733.30	0.20	0.50	20.01			
	Column upto Ground level -	107	0.20	0.20	0.60	2.00			
	C1-	125	0.20	0.20	0.60	3.00			
	Column above Ground level -								
	C1-	125	0.20	0.20	0.90	4.50			
						53.76	CUM	4163.00	223803.00
			1						
7	Extra for laying PCC/RCC of any grade in superstructure							ļ ļ	
	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to								

S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
	(SOR. ITEM NO3.4/23)							(III IX3.)	(III 1 xs.)
	,					4.50	CUM	97.50	439.00
8	Providing and placing in position reinforcement for R.C.C.								
	work including straightening, cutting, bending, binding etc.								
	complete as per drawings including cost of binding wire all								
	complete:								
	(SOR. ITEM NO3.12.1/24)								
	3.12.1)Thermo-Mechanically treated bars FE 415					53.76			
		antity :	as per it	em No		00110			
		_	.(a) 80 kg			4300.80	KG	54.50	234393.60
9	Providing and fixing formwork including centering,					10 0 0 10 0			
	shuttering, strutting, staging, propping bracing etc. complete								
	and including its removal at all levels, for:								
	(SOR ITEM NO2.1.1/16)								
	Foundations, footings, base of columns and plinth beam in any								
	shape and size.								
	Footing	4x125	0.90		0.20	90.00			
	Column upto Ground level -	4x125	0.20		0.60	60.00			
	Ground Beam	2	433.50		0.20	173.40			
	3.0					323.40	SQM	139.00	44953.00
	Columns, Pillars, Piers and likes- rectangular or square in								
	shape								
	(SOR ITEM NO 2.1.5/16)								
	Column above Ground level -	4x125	0.20		0.90	90.00			
	Column above Glound level	11123	0.20		0.50	90.00	SQM	297.00	26730.00
10	Brick work with modular fly-ash lime bricks (FALG Bricks)					70.00	5011	2>7100	20,00,00
-10	confirming to IS:12894-2002 of class designation 40 in								
	foundation and plinth in:								
	(SOR. ITEM NO 7.5.4/45)								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	Extra for brick work in superstructure:								
-	Above plinth and upto floor five level								
	*								
	(SOR. ITEM NO 7.6/45)								
-		1	427.50	0.20	0.90	76.95			
-								3+121)	
						76.95	CUM	3384.00	260398.80
	Providing and making 12mm.thick cement plaster of mix:								
	In Cement Mortar 1:6 (1 Cement : 6 fine Sand)								
11		_	407.50		1.00	0.55.00			
	MIHI DING COD ITEM NO. 44 4/400	2	427.50		1.00	855.00	COLE	01 50	F0222 F2
12	(BUILDING SOR, ITEM NO11.2/103) White weeking with lime to give an even shade					855.00	SQM	91.50	78232.50
12	White washing with lime to give an even shade.								
	a) On new work (Three or more coats)								
	(SOR. ITEM NO14.5.1/132)					055.00	COLE	0.40	000# 00
12	Dainting autorian gurfage with TEVTUDED autorian at 1					855.00	SQM	9.40	8037.00
13	Painting exterior surface with TEXTURED exterior paint of	2 00	407.50	1.00		0.55.00			
	On new work (Two or more coats applied @ 3.28 ltr/10 sqm)	2.00	427.50	1.00		855.00	COL	140.00	440=00.00
	(COD ITEM NO. 1423.2/123)					855.00	SQM	140.00	119700.00
<u> </u>	(SOR. ITEM NO14.22.2/132)								

S.No.	PARTICULARS	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)
14	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. 9.6.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								,
	Top Rail		427.50		-	427.50			
		3	.80 KG/	MTR		1624.50			
	Vertical- post-	1.00	125.00	_	1.50	187.50			
	volueur post		4.80 KG			2775.00			
						4399.50	KG	68.00	299166.00
	(BUILDING SOR. ITEM NO 9.6.2/80)								
15	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.								
	- î	1.00	427.50	-	1.50	641.25			
	(BUILDING SOR ITEM NO 9.43.1/84)					641.25	SQ.M	331.00	212253.75
16	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
	(BUILDING SOR. ITEM NO 9.6.2/80)								
	GATE	1		3.00		18.00			
			30 K	G/SQ	.M	540.00	KG	68.00	36720.00
								Total Rs.	1654914.65

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT BARBASPUR WARD NO - 9 " NAGAR PALIKA NIGAM, KORBA (C.G.) " DRAIN-450X600 MM "

	" DRAIN-450X600 MM "										
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)		
1	Excavation in ordinary rock including loading in a truck and carrying of excavated material to embankment site										
	with in all lifts and leads upto 1000 meters as per relevant clauses of section 300.										
	Drain	1	433.50	0.89	1.00	385.82	01114	100.00	74077.40		
2	(BUILDING SOR. ITEM NO3.3/11) Filling from available excavated stuff (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each					385.82	CUM	192.00	74076.48		
	deposited layer by ramming and watering with a lead upto 50 m. and lift upto 1.5 M.										
	For Drain sides	2	433.50	0.15	0.80	104.04					
	(BUILDING SOR. ITEM NO1.17/11)					104.04	CUM	65.00	6762.60		
3	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidation each deposited layer by										
	ramming and watering including dressing etc.complete.										
	Drain	1	433.50	0.89	0.10	38.58					
	(BUILDING SOR. ITEM NO1.18/11)					38.58	CUM	371.00	14313.74		
4	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).										
	Drain -	1	433.50	0.89	0.10	38.58					
5	(BUILDING SOR. ITEM NO 3.1.3/23) Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc.					38.58	CUM	2,970.00	114587.06		
	complete and including its removal at all levels, for: 2.1.1) Foundations, footings, base of column and plinth beam any shapes and size.										
	INNER Wall-	2	433.50	-	0.60	520.20					
	OUTER Wall-	2	433.50	-	0.70	606.90					
	(BUILDING SOR ITEM NO 2.1.1/16)					1127.10	SQM	139.00	156666.90		
6	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.2.1 1:1½:3 (1 cement: 1½ coarse sand: 3 graded										
	stone aggregate 20mm nominal size).	2	422.50	0.10	0.70	70.00					
	Drain Wall Bed Drain	1	433.50 433.50			72.83 19.51					
	Slab-	1	423.53			29.22					
	(BUILDING SOR ITEM NO 3.2.1/23)			5.07	5.10	121.56	CUM	4,163.00	506050.26		
		<u> </u>	1								

7	Extra for precast PCC/ RCC work of any mix including								
	form work, hoisting and fixing in Cement Mortar. 1:2 (1								
	Cement : 2 coarse sand) and finishing with cement								
	plaster in Cement Mortar 1:3 (1 Cement : 3 coarse								
	sand) but excluding reinforcement.								
	(Per 30M.) Precast Slab-	14.45	0.69	0.69	0.10	0.69			
	(BUILDING SOR. ITEM NO3.9/24)					0.69	CUM	469.00	322.66
8	Providing and placing in position reinforcement for								
	R.C.C. work including straightening, cutting, bending,								
	binding etc. complete as per drawings including cost of								
	binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415								
		Qty. c	s per ite	m No	3.2.1	121.56			
	(BUILDING SOR. ITEM NO3.12.1/24)		50 kg/d	<u>cum</u>		6077.95	KG	54.50	331248.37
	PRECAST DRAIN COVER (MP SOR & CPWD)								
								Total Rs.	1204028.06

DETAILED ESTIMATE FOR PROPOSED WORK OF " SLRM CENTRE AT BARBASPUR WARD NO - 9 " NAGAR PALIKA NIGAM, KORBA (C.G.)

" RAIN WATER HARVESTING (1.00X1.00X1.20 M) "

	KAIN WATER HARVE	31111	J (1.00	A1.00	JA1.20	141)			
S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE	AMOUNT
1	Excavation for all types and sizes of foundations, trenches and drains or							(in Rs.)	(in Rs.)
•	for any other purpose including disposal of excavated stuff upto 1.5 m								
	lift and lead upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.								
	In all types of soil								
	(BUILDING SOR. ITEM NO1.1.1/9)	1	1.40	1.40	1.20	2.35	CUM	185.00	434.75
2	Providing and laying nominal mix reinforced cement concrete with								
	crushed stone aggregate using concrete mixer in all works upto plinth								
	level excluding cost of form work.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	,	2	1.40	0.20	0.20	0.11			
	bottom Beam-	2		0.20	0.20	0.11			
	Top Slab-	1	1.40		0.20	0.08			
	(BUILDING SOR ITEM NO3.9/24)	1	1.40	1.40	0.10	0.20	CUM	4163.00	1623.57
3	Providing and placing in position reinforcement for R.C.C. work					0.07	CON	4105.00	1020.37
	including straightening, cutting, bending, binding etc. complete as per								
	drawings including cost of binding wire all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415								
		Qty.	as per ite	em No	3.2.1	0.39			
	(SOR ITEM NO3.12.1/24)		<u>50 kg</u>	/cum		19.5	KG	54.50	1062.75
4	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming								
	to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	(BUILDING SOR ITEM NO7.5.4/45)	1	4.80	0.20	1.40	1.34	CUM	3263.00	4385.47
5	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads &								
	lifts, all complete as per direction of Engineer-in-charge. (excavation of								
	pit will be paid separately)								
	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.00	1.00	0.40	0.40	CUM	863.00	345.20
	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders								
	, , , , , , , , , , , , , , , , , , ,	1	1.00	1.00	0.30	0.30	CUM	806.00	241.80
	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.00	1.00	0.20	0.20	CUM	471.00	94.20
	(BUILDING SOR ITEM NO21.14/201)								
	PIPELINE-								
6	Excavation for all types and sizes of foundations, trenches and drains or								
	for any other purpose including disposal of excavated stuff upto 1.5 m								
	lift and lead upto 50m (at least 5m away from the excavated area),								
	including dressing and leveling of pits.		50.0	0.20	0.20	4.50		107.00	
	In all types of soil	ı	50.0	0.30	0.30	4.50	CUM	185.00	832.50
7	(BUILDING SOR ITEM NO1.1/9) Filling from available excavated stuff (Excluding rock) in trenches,								
′	plinth, sides of foundation etc. in layers not exceeding 20cm. In depth								
	consolidation each deposited layer by ramming and watering with a lead								
	upto 50M. And lift upto 1.5M.								
	50% of Item No 1	-	-	-	-	2.25	CUM	65.00	146.25
	(BUILDING SOR ITEM NO1.17/11)								
	,								
8	Providing and filling in open area with sand /crusher dust and hard								
	moorum under floor in layers not exceeding 20 cm in depth and								
	consolidating each deposited layer by ramming and watering, including								
	dressing etc. complete.								
	500/ of How No 1 Ding Di-					2.25	CIDA	251.00	02455
	50% of Item No 1 - Pipe Dia (BUILDING SOR ITEM NO1.18/11)	-	-	-	-	2.25	CUM	371.00	834.75
	(DUILDING SOR HEM NO1.10/11)								
<u> </u>			<u> </u>	l					

S.No.	PARTICULAR	NO.	L	В	H/D	QTY.	UNIT	RATE (in Rs.)	AMOUNT (in Rs.)	
	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.									
	150 mm dia	1	50.00		-	50.00	RM	440.00	22000.00	
	(BUILDING SOR ITEM NO18.76.3/170)									
	Total Rs.									