

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 195/2024

सिस्टम टेंडर नं. 160292

कोरबा दिनांक 21.10.2024

ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015, विद्युत कार्य हेतु दिनांक 01.06.2020, (पी.एच.ई. कार्य हेतु दिनांक 01.06.2020) से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 13.11.2024 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 13.11.2024 सायंकाल 4.00 बजे से

क्र.	कार्य का नाम	प्रावकलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड क. 07 सीतामणी में माध्यमिक शाला भवन का डिस्मेंटल एवं नवीन भवन का निर्माण (जिला खनिज मद)	37.24	28000/-	5 माह	1500/-	वर्ग डी एवं प्रवर श्रेणी	13.11.2024 से

शर्त:-

1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी
2. जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हे निविदा भरने की पात्रता नहीं होगी।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
 - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसावाड़ी पिन- 495677 कोरबा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन लिफाफा स्वीकार नहीं किया जायेगा।
 - निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में निर्धारित प्रारूप में वैध शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
 - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिव्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एवं परफार्मेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।
5. जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
6. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदअंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
7. ईट से संबंधित निर्माण कार्यों में प्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
9. निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
10. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
11. निविदा प्रपत्र फार्म -ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा।
12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
13. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।
15. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा।
16. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना संभव नहीं होगा।
17. कार्य क्रियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
18. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।

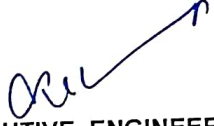
प्रतिलिपि-

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

कार्यालय अभियंता
नगर पालिक निगम
कोरबा (छ.ग.)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		21.10.2024	16.00	21.10.2024	16.00	Release Tender
2		Bid Submission	21.10.2024	16.00	04.11.2024	17.30	
3		Physical Document Submission	21.10.2024	16.00	12.11.2024	15.00	
4	Tender Open		13.11.2024	16.00	--	--	


EXECUTIVE ENGINEER
KORBA (CG)
For, Commissioner Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

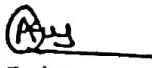
ABSTRACT

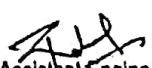
Name of Work **CONSTRUCTION OF NEW G+1 SCHOOL BUILDING AT BITAMANI WARD NO. 07**
 As per BOR **SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD BUILDING 01 01 2015)**

B.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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 load upto 50m (at least 5m away from the excavated area). Including dressing and leveling of pits	cum	100.25	185.00	18,545.25
	1 1	In all types of soils				
2	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	cum	21.00	2970.00	62,370.00
	1 3	1:3:6 (1 cement 3 coarse sand 6 graded stone aggregate 40mm nominal size)				
3	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	cum	119.84	4163.00	498,893.92
	2 1	1:1½:3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)				
4	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	kg	13182.40	54.50	718,440.80
	12 1	Thermo-Mechanically treated bars FE 415				
5	2 1	Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc complete and including its removal at all levels, for	sqm	222.28	139.00	30,896.92
	1 1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level	sqm	207.36	297.00	61,585.92
	1 5	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	311.27	235.00	73,148.45
	1 7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	265.00	202.00	53,530.00
	1 8	Beams, lintels, cantilevers & walls	sqm	29.25	230.00	6,727.50
	1 15	Stair cases of all types excluding spiral and folded plate type, including risers and landings				
6	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	cum	112.78	3263.00	368,001.14
	5 4	Cement Mortar 1:6 (1 cement 6 coarse sand)	cum	100.70	121.00	12,184.70
7	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.				
8	11 1	Providing and making 6mm thick cement plaster of mix.	sqm	332.88	87.00	28,960.56
	1 2	In Cement mortar 1:4 (1 cement 4 fine sand)				
9	11 2	Providing and making 12mm thick cement plaster of mix.	sqm	764	91.50	69,906.00
	2 4	In Cement Mortar 1:6 (1 cement 6 fine sand)				
10	11 3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix.	sqm	374.24	107.00	40,043.68
	3 4	In Cement Mortar 1:6 (1 cement 6 fine sand)				

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
11	9 13	Providing and fixing steel door/ window with M.S sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer	kg	1296.00	75.00	97,200.00
12	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	kg	540.00	67.50	36,450.00
13	14.13	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Aslan, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even	sqm	1471.12	94.50	139,020.84
14	14.11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.				
	11 1	On new work (two or more coats)	sqm	1246.92	52.50	65,463.30
15	12.13	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				
	13 1	Size 600x600mm	sqm	193.2	1151.00	222,373.20
16	12.3	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.				
	3.2	50 mm thick	sqm	69.6	254.00	17,678.40
17	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.	cum	53.76	371.00	19,944.96

As per Estimate Amount Rs. 2641366.54


Sub Engineer
Nagar Palik Nigam
Korba (C.G.)


Assistant Engineer
Nagar Palik Nigam
Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

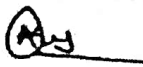
Abstract


Sub :- Internal Electrification Work in SITAMANI SCHOOL Building

As per Sor - Schedule of Rates Public Works Department [PWD Electrical 01-06-2020]

S No	Ref. no	Item of Work	Unit	Rate	Qty	Amount
		WIRING IN CONCEALED PVC conduit				
1	1 10	Wiring for light plug point with 3x2.5 sq mm 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) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G I box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS 694 (2010), IS 9537 (2000 Part 5)				
	1 10 1	Short Point	Point	442.00	32	14144
	1 10 2	Medium Point	Point	659.00	16	10544
	1 10 3	Long Point	Point	922.00	12	11064
2	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 should be 2 mm) as per specification and IS 694 (2010), IS. 9537 (2000 Part 5)				0
	1 13 1	3 X 1.5 sq mm in 20mm conduit	Metre	92.00	120	11040
	1 13 2	3 X 2.5 sq mm in 20mm conduit	Metre	111.00	120	13320
3	4 3	Supplying and fixing of following sizes PVC switch box suitable for modular switches with modular base and cover plates on surface complete as per specification				
	4 3 2	118mmX94mm (3 Module)	Each	133.00	8	1064
	4 3 3	150mmX94mm (4 Module)	Each	144.00	8	1152
	4 3 4	205mmX94mm (6 Module)	Each	178.00	12	2136
	5	SWITCHES & ACCESSORIES				
4	5.4	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification.				
	5 4 1	5/6 amps one way switch	Each	69.00	12	828
	5 4 2	5/6 amps two way switch	Each	85.00	12	1020
	5 4 4	15/16 amp switch	Each	89.00	12	1068
	5 4 5	3 pin 5/6 amp socket outlet	Each	96.00	12	1152
	5 4 6	6 pin 15/16 amp socket outlet	Each	120.00	12	1440
	5 4 8	Fan regulator (one module size) electronic stepped type moving all rounds	Each	186.00	32	5952
	6	FANS, LUMINARIES AND LAMPS				0
5	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 3 star and above, IS 374:2019 including all amendments.				0
	6 1 3	1200 mm sweep	Each	1697.00	20	33940

5	19	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 \geq 100 lumens /watt.				0
	6.19.3	18/20 watt (4 feet)	Each	443.00	20	8860
8	6.28	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P F. should be greater than 0.9. LED chip efficacy ratio \geq 120 lumens /watt.				0
	6.28.7	60 watt	Each	3622.00	6	21732
9	9.4	Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification. (But without MCB/RCCB/Isolator)				0
	9.4.1	4 way Single door	Each	1317.00	2	2634
10	9.12	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				0
	9.12.2	6 amps to 32 amps	Each	411.00	6	2466
	9.12.3	40 amps	Each	645.00	6	3870
	9.12.4	50 amps	Each	654.00	2	1308
	12	EARTHING				0
11	12.2	Earthing with GI earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as per specification and IS Code 3043. 1987(R 2016)	Set	3734.00	1	3734
	15	MV CABLE LAYING (1.1 KV)				0
12	15.1	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS. 7098 (1988, Part 1).				0
	15.1.5	2 x 25 sq. mm	Metre	264.00	20	5280
As per SOR Total Estimate Amount Rs.						159748.00


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)

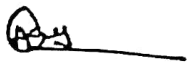

 Asst. Engineer
 Municipal Corporation
 Korba (C.G.)

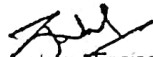
OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)
ABSTRACT

of Work **CONSTRUCTION OF KITCHEN SHED FOR SITAMANI MIDDLE SCHOOL WARD NO. 07**
per SOR **SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD BUILDING-01 01 2015)**

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	11	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	In all types of soils.	cum	17.02	185.00	3,149.70
2	118	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	cum	21.25	371.00	7,893.75
3	31	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.				
	1.2	1:4:8 (1 cement 4 coarse sand 8 graded stone aggregate 40mm nominal size)	cum	4.45	2559.00	11,832.55
4	32	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.				
	2.1	1:1½:3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)	cum	11.83	4153.00	49,248.29
5	312	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:				
	12.1	Thermo-Mechanically treated bars FE 415	kg	1183.00	54.50	64,473.50
6	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for				
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	sqm	34.58	139.00	4,806.62
	1.5	Columns, Piers, Piers and likes- rectangular or square in shape	sqm	28.60	297.00	8,553.60
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	32.49	235.00	7,635.15
	1.8	Beams, lintels, cantilevers & walls	sqm	20	202.00	4,040.00
7	7.5	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS 12894-2002 of class designation 4.0 in foundation and plinth in:				
	5.4	Cement Mortar 1:6 (1 cement 5 coarse sand)	cum	16.82	3263.00	54,883.66
8	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.	cum	9.00	121.00	1,089.00
9	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flat 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	kg	265.00	67.50	17,887.50
10	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth.	cum	14.00	65.00	910.00

ITEM DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	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.				
11.1	Providing and making 6mm thick cement plaster of mix:				
1.2	In Cement mortar 1:4 (1 cement 4 fine sand)	sqm	34.80	87.00	3,027.60
12.11.2	Providing and making 12mm thick cement plaster of mix:				
2.4	In Cement Mortar 1:6 (1 cement 6 fine sand)	sqm	48.00	91.50	4,392.00
13.11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:				
3.4	In Cement Mortar 1:6 (1 cement 6 fine sand)	sqm	76.50	107.00	8,185.50
14.14.1	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete				
1.1	Upto 2 mm thickness to make surface even and smooth in line and level	sqm	158.00	63.00	9,954.00
15.14.14	Finishing walls with water proofing cement paint of required shade to give an even shade.				
14.1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	158.00	41.00	6,478.00
16.12.3	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.				
3.2	50 mm thick	sqm	30.25	254.00	7,683.50
As per Estimate Amount Rs.					276112.92



 Sub Engineer
 Nagar Palik Nigam
 Korba (C.G.)



 Assistant Engineer
 Nagar Palik Nigam
 Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)
ABSTRACT

of Work **DEMOLITION OF OLD MIDDLE SCHOOL AT SITAMANI WARD NO. 07**
er SOR **SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01 01.2015]**

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	16.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead				
	3.3	In cement mortar	cum	120.65	263.00	31,730.95
2	16.26	Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead	each	6.00	100.00	600.00
3	16.27	Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead	each	13.00	66.50	864.50
4	16.28	Taking out door shutters (steel or wood) including stacking within 50 metres lead	each	2.00	46.50	93.00
5	16.42	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead	cum	92.09	768.00	70,725.12
6	16.43	Demolishing cement concrete including disposal of material within 50 metre lead				
	13.2	1:3:6 or richer mix	cum	28.85	549.00	15,844.14
7	1.26	Carriage by mechanical transport upto 5 km lead				
	26.3	Dismantled Building debris (Mulba)	cum	241.60	91.50	22,106.40
					As per Estimate Amount Rs.	141964.10



Sub Engineer
Nagar Palik Nigam
Korba (C.G.)


Assistant Engineer
Nagar Palik Nigam
Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)
ABSTRACT

Name of Work **DEMOLITION OF OLD MIDDLE SCHOOL AT SITAMANI WARD NO. 07**
As per SOR **SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD BUILDING-01 01 2015)**

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	16.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead				
	3.3	In cement mortar				
2	16.26	Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead	cum	120.65	263.00	31,730.95
3	16.27	Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead	each	6.00	100.00	600.00
4	16.28	Taking out door shutters (steel or wood) including stacking within 50 metres lead	each	13.00	66.50	864.50
5	16.42	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead	each	2.00	46.50	93.00
6	16.43	Demolishing cement concrete including disposal of material within 50 metre lead	cum	92.09	768.00	70,725.12
	13.2	1:3:6 or richer mix				
7	1.26	Carriage by mechanical transport upto 5 km lead	cum	28.86	549.00	15,844.14
	26.3	Dismantled Building debris (Mulba)	cum	241.60	91.50	22,106.40
					As per Estimate Amount Rs.	141,964.10


Sub Engineer
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Korba (C.G.)


Assistant Engineer
Nagar Palik Nigam
Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION KORBA (C.G)

Installation of Borewell for Middle School at Sitamani ward no. 07

ESTIMATE

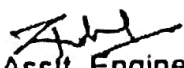
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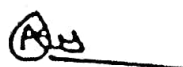
SN	ITEM	UNIT	QTY	RATE	AMOUNT
1	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well with in the selected habitation, including photography, interpretation of resistivity data and submission of	Per successful point	1	1633.00	1633.00
2	Drilling of perfectly vertical bore hole of a diameter suitable to receive 150 mm nominal diameter casing pipe upto desire depth below ground level inclusive of the labour charges for transporting, lowering and fixing of 150 mm nominal diameter M.S. / G				
	in all type of collapsible strata consisting of soils, clays, sand, moorum, gravel boulders. Etc.	Meter	30	527.00	15810.00
	in all type of rocks.	Meter	30	639.00	19170.00
3	Drilling of perfectly vertical bore hole of 150 mm. diameter upto desire depth below ground level in all type of rocks including all works pertaining to drilling such as transportation, installation and removal of drilling machine etc. complete	Meter	40	609.00	24360.00
4	Labour only for lowering of single phase submersible pumping set of capacity 1 to 3 HP in the tube well with flexible/ rigid pipe line assembly, electrical cable, nylon rope, testing etc complete including connecting the electrical cable from pump & starter - Depth up to 150mtr	1 job	1	1730.00	1730.00
5	Conducting the yield test of tubewell by operating the pumping set continuously for adesired time period and measuring the discharge and draw down of (bwell) at asuitableti meintervalas per the direction of Engineerin Charge including costofenergy, costof installation of suitable measuring device and hire charges of pumping set etc. complete				
	Submersible pumping sets upto 1 to 3 HP	Per Hour	2	642.00	1284.00
6	Labour only for taking out of single phase submersible pumping set of capacity 1 to 3 HP from the tube well with flexible/ rigid pipe line assembly, electrical cable, nylon rope, testing etc complete including disconnecting the electrical cable from pump & starter - Depth up to 150 mtr.	1 job	1	1575.00	1575.00
7	Providing and fixing of well cap on top of the tube well for protection				
	150 mm dia	Each	1	376.00	376.00

8	ISI marked UPVC casing Pipe confirming to IS 4985/1988 (with Up-to-date amendment)				
	CM casing pipes 150 mm dia	Meter	50	162 00	8100 00
9	ISI Mark 32 mm dia G I riser pipe in 3 meter length socketed on one end as per IS 1239 (Part- I) 1990 up-to-date amendment and socket as per IS 2062/1990 up-to-date amendment.	Meter	60	200 00	12000 00
10	Providing laying and jointing of following galvanized Iron (MS) Pipes with specials (such as bends, elbows, tees etc) class light, medium & heavy including testing of joints, cost of pipes, specials and jointing materials all complete Pipes and sockets conforming to IS 1239/2011 Part- II				
	15mm dia	R Mtr	60	108 00	6480 00
	25mm dia	R Mtr	60	207 00	12420 00
	32mm dia	R Mtr	25	254 00	6350 00
11	Providing and fixing G I Union in G I Pipe line i/c cutting threading testing etc complete (New work) conforming to IS 1879				
	15mm dia	Each	5	109 00	545 00
	25mm dia	Each	5	242 00	1210 00
	32mm dia	Each	3	318 00	954 00
12	Providing and fixing G. I socket in G.I. Pipe line i/c cutting threading testing etc complete (Old work) conforming to IS 1879				
	15mm dia	Each	10	22 00	220 00
	25mm dia	Each	5	46 00	230 00
	32mm dia	Each	4	68 00	272 00
13	Providing and fixing following gate (full way) valves tested to 300lbs/Sq inch or 21.00 kg/sq.cm. conforming to IS 778/1984 (Reaffirmed 2005) Class-I				
	15mm dia	Each	5	423 00	2115 00
	25mm dia	Each	3	900 00	2700 00
	32mm dia	Each	1	1309 00	1309 00
TOTAL RS.					120843.00

PART-B		PWD Electrical & Mechanical SOR 01-06-2020			
2	Supplying, Installation, testing and commissioning of submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity, head, delivery size in existing bore well including 2 sets of suitable size holding clamps made out of 50 mm x 6 mm MS flat, connection with suitable submersible cable of standard length etc. as required.				
	1.5 HP, single phase	Each	1	17589.00	17589 00

	Supplying, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as	Each	1	4030 00	4030 00
	Phase indicating lamps with fuses and toggle switches 1 set.				
	1/2/3 HP 1 Phase DOL starter with over load and nopr volt relay 1 no				
	25 A "C" curve TPMCB 1 No.				
	Voltmeter 0-250 V 1 set				
	Ammeter 0-10 A 1 set.				
	4'x40 W single patti type				
6	Supplying & fixing MS clamp 50 cm long made of 50 mm x 5 mm thick MS Flate for holding the pipes & submersible pump set as required.	Each	1	291 00	291 00
7	Supplying laying and fixing following seze submersible cable along with GI/PVC/HDFC pipe line or laid in ground etc as required.				
	3x2.5 sqmm	metre	106 73	64 00	6830 72
8	Supplying and installing (overhead) service main with following seze PVC insulated. PVC sheatched aluminium conductro cables suspended with bobbinn insulator on existing bearer wire in an approved manner and as per specification etc. or drawn in existing GI pipe brackedt or conduit pipe wherever required, including connection, testing etc.				
	2 x 6 sq. mm	Each	80	90 12	7209.20
9	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	liter	1000	7 30	7300.00
TOTAL RS.					43249.92
PART A+ B Rs					164092.92
Say Rs.					164093.00


 Assit. Engineer
 Municipal Corporation
 Korba (C G)


 Sub Engineer
 Municipal Corporation
 Korba (C G)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

ABSTRACT

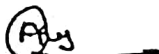
of Work **CONSTRUCTION OF GIRLS TOILET**
 in SOR **SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01 01 2015]**


S.N	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	11	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.				
	11	In all types of soils	cum	28.87	185.00	5,340.95
2	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.				
	13	1:3:6 (1 cement 3 coarse sand 6 graded stone aggregate 40mm nominal size)	cum	3.21	2970.00	9,533.70
3	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.				
	2.1	1 1/2:3 (1 cement 1 1/2 coarse sand 3 graded stone aggregate 20mm nominal size)	cum	4.21	4163.00	17,526.21
4	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				
	2.1	Thermo-Mechanically treated bars FE 415	kg	399.95	54.50	21,797.25
5	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for				
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	sqm	9.18	139.00	1,276.02
	1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	8.64	297.00	2,566.08
	1.8	Beams, lintels, cantilevers & walls	sqm	3.3	202.00	666.60
	1.3	Weather shade, chhajja, Cornices and mouldings	sqm	0.84	294.00	246.96
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	16.75	235.00	3,936.25
6	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:				
	5.4	Cement Mortar 1:6 (1 cement 6 coarse sand)	cum	6.79	3263.00	22,155.71
7	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:				
	5.3	Cement Mortar 1:5 (1 cement 5 coarse sand)	cum	3.75	3350.00	12,562.50
8	9.16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of				

ITEM DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	approved steel primer				
6.2	Angle-iron frames				
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	kg	15.00	73.50	1,102.50
		kg	24.00	67.50	1,620.00
10.8.151	Providing and fixing factory made PVC door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet milled at corners and joined with 2 Nos of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge	metre	14.50	346.00	5,017.00
11.8.150	Providing and fixing factory made 25mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mm X 25mm or less as per requirement with an average wall thickness of 1mm ± 0.3mm PVC foam end cap of size 23x10mm are provided on both vertical edges to ensure the overall thickness of 25mm. An M.S. tube having dimensions 19mm x 19mm is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25mm X 11mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufactures' specification	sqm	3.63	2583.00	9,376.29
12.9.13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.	kg	60.00	75.00	4,500.00
13.11.1	Providing and making 6mm thick cement plaster of mix:				
	1.2 In Cement mortar 1:4 (1 cement 4 fine sand)	sqm	2.30	87.00	200.10
14.11.2	Providing and making 12mm thick cement plaster of mix:				
	2.4 In Cement Mortar 1:6 (1 cement 6 fine sand)	sqm	49.79	91.50	4,555.79
15.11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix.				
	3.4 In Cement Mortar 1:6 (1 cement 6 fine sand)	sqm	23.86	107.00	2,553.02
16.11.6	Providing and making 6mm thick cement plaster 1:3 (1 cement 3 fine sand) finished with a floating coat of neat cement and a thick coat of lime wash on top of wall when dry for bearing of R.C.C. slab and beam.	sqm	17.64	105.00	1,852.20
17.14.12	Applying one coat of cement primer on wall surface (applied @ 0.80 litres/10 sqm) complete	sqm	60.74	23.00	1,397.02
18.14.22	Painting on new work (two or more coats) to give an even shade with:				
	2.1 Satin synthetic enamel paint	sqm	4.57	55.00	251.39
19.1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm	cum	14.43	65.00	937.95

ITEM DESCRIPTION		UNIT	QTY	RATE	AMOUNT
18	In depth consolidating each deposited layer by ramming and watering with a lead upto 50 M 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 consolidating each deposited layer by ramming and watering, including dressing etc. complete.	cum	5.49	371.00	2,036.79
21	129 Providing and laying ceramic glazed floor tiles conforming to IS 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.				
	9.1 Size 300x300mm				
22	14.13 Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Aslan, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.	sqm	12.97	692.00	8,975.24
		sqm	35.80	94.50	3,383.10
23	14.11 Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.				
	1.1 On new work (two or more coats)	sqm	25.30	52.50	1,328.25
24	14.9 Distemping with acrylic washable distemper to give an even shade.				
	9.1 On new work (Two or more coats)	sqm	10.50	38.00	399.00

As per Estimate Amount Rs. 147,093.9
 water supply and sanitary fitting Add Above 6% 8,825.6
 add for electrification Add Above 9% 13,238.4
Grand Total Rs. 169,158.0
 Say Rs.


 Sub Engineer
 Nagar Palik Nigam
 Korba (C.G.)


 Assistant Engineer
 Nagar Palik Nigam
 Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

ABSTRACT

CONSTRUCTION OF BOYS TOILET


SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD ROAD-01 01 2015)

REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
11	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				
	11 In all types of soils.	cum	28.87	185.00	5,340.95
2	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.				
	13 1:3:6 (1 cement 3 coarse sand 6 graded stone aggregate 40mm nominal size)	cum	3.21	2970.00	9,533.70
3	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.				
	21 1 1/2:3 (1 cement 1 1/2 coarse sand 3 graded stone aggregate 20mm nominal size)	cum	4.21	4163.00	17,526.21
4	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.				
	21 Thermo-Mechanically treated bars FE 415	kg	399.95	54.50	21,797.25
5	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for				
	11 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level	sqm	9.18	139.00	1,276.02
	1.5 Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	8.64	297.00	2,566.08
	1.8 Beams, lintels, cantilevers & walls	sqm	3.3	202.00	666.60
	13 Weather shade, chhajja, Cornices and mouldings	sqm	0.84	294.00	246.96
	17 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	16.75	235.00	3,936.25
6	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.				
	5.4 Cement Mortar 1:6 (1 cement :6 coarse sand)	cum	6.79	3263.00	22,155.71
7	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:				
	5.3 Cement Mortar 1:5 (1 cement 5 coarse sand)	cum	3.75	3350.00	12,562.50
8	9.16 Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of				

	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
	Red steel primer					
	Iron frames	kg	15 00	73 50	1 102 50	
	Providing and fixing M.S. grill of approved pattern made of M.S. bars 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	kg	24 00	67 50	1 620 00	
	Providing and fixing factory made PVC door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge. EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge	metre	14 50	345 00	5 017 00	
11	8.150	Providing and fixing factory made 25mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mm X 25mm or less as per requirement with an average wall thickness of 1mm ± 0.3mm PVC foam end cap of size 23x10mm are provided on both vertical edges to ensure the overall thickness of 25mm. An M.S. tube having dimensions 19mm x 19mm is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25mm X 11mm. Door shutter shall be reinforced with special polymers reinforcements as per manufactures' specification.	sqm	3 63	2583 00	9,376.26
12	9.13	Providing and fixing steel door window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer	kg	60 00	75 00	4,500.00
13	11.1	Providing and making 6mm thick cement plaster of mix				
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)	sqm	2.30	87.00	200.10
14	11.2	Providing and making 12mm thick cement plaster of mix				
	2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	49.79	91.50	4,555.78
15	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix				
	3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	23.86	107.00	2,553.00
16	11.6	Providing and making 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement and a thick coat of lime wash on top of wall when dry for bearing of R.C.C. slab and beam.	sqm	17.64	105.00	1,852.20
17	14.12	Applying one coat of cement primer on wall surface (applied @ 0.80 litres/10 sqm) complete.	sqm	60.74	23.00	1,397.00
18	14.22	Painting on new work (two or more coats) to give an even shade with				
	2.1	Satin synthetic enamel paint	sqm	4.57	55.00	251.30
19	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm	cum	14.43	65.00	937.95

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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20 118	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	cum	5.49	371.00	2,036.79
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