

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क.112 / निर्माण / 2023

सिस्टम टेंडर नं. 132182

कोरबा दिनांक 26.04.2023


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 एवं सडक कार्य हेतु दिनांक 01.01.2015 एवं विद्युत 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 निविदाएं आमंत्रित की जाती है :-

क.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड क 25 पूर्वांचल सर्व समाज के बगल में बुधवारी बाजार रोड के पास सामुदायिक भवन निर्माण(सोनी समाज भवन के पास)	20.00	15000/-	04 माह	वर्ग डी एवं प्रवर श्रेणी	18.05.2023 से

शर्त:-

- 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।
- 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।
- निविदाकार एवं निर्माता को विगत 03 वर्षों राशि रु. 1.80 लाख का औसत टर्नओवर होना आवश्यक है।
- 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 सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
- 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।
- 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 वैध शपथपत्र स्कैन कर अपलोड करना अनिवार्य होगा।
- निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
- ईट से संबंधित निर्माण कार्यों में फ्लाइ ईश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
- 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।
- निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
- निविदा के संबंध में किसी प्रकार की दिवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
- निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
- उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।



Executive Engineer,
नगर पालिक निगम,
कोरबा (छत्तीसगढ़),
KORBA (C.C.S.G.)

प्रतिलिपि-

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

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		26.04.2023	10.30	26.04.2023	10.30	Release Tender
2		Bid Submission	26.04.2023	10.30	17.05.2023	17.30	
3	Tender Open		18.05.2023	10.30	--	--	


EXECUTIVE ENGINEER,
CORBA (EG) ~~For, Commission~~
CORBA (C.G.)
CORBA (Chhattisgarh)

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

ABSTRACT

Name of Work :- Construction of Samudayik Bhawan Near Purvanchal Sarva Samaj Budhwari Bypass Road Under Ward No. 25

As per Sor :- Schedule of Rates Public Works Department [PWD BUILDING 01-01-2015]

Sno	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
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 soils.								
						121.68	cum	185	22510.80
2	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.								
						52.22	cum	371	19373.99
3	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.								
						121.68	cum	65	7909.2
4	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.								
	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
						31.80	cum	2970	94440.06
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
						14.47	cum	4073	58920.02
5	Providing and fixing form work including centring, 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.								
						123.80	sqm	139	17208.2
	Columns, Pillars, Piers and likes- rectangular or square in shape								
						79.20	sqm	297	23522.4
	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
						173.23	sqm	235	40708.58
	Weather shade, chhajja, Cornices and mouldings								
						44.04	sqm	294	12947.76
	Beams, lintels, cantilevers & walls								
						83.20	sqm	207	19208.0


ITEM DESCRIPTION		N	L	B	H/D	Qty	Unit	Rate	Amount
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.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
						68.05	cum	4163	283279.661
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 in foundation and plinth all complete:								
	Thermo-Mechanically treated bars FE 415					6804.70	kg	54.5	370856.15
	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:								
						54.40	cum	97.50	5304.2925
8	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 Cement Mortar 1:6 (1 cement : 6 coarse sand)								
						97.27	Cum	3263	317398.536
9	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
						67.52	Cum	121.00	8169.92
10	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.								
	Size 600x600mm								
						143.96	sqm	1151	165697.96
12	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete								
	Size upto 200x300mm								
						32.76	sqm	587	19230.12

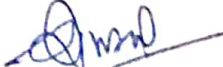
ITEM DESCRIPTION		N	L	B	H/D	Qty	Unit	Rate	Amount
9	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS: 122 of approved make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.								
	Size 300x300mm					12.00	sqm	858	10296
	12.37 Chequered precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) :								
	12.37.2 Medium shade using approximately. 50% white cement and 50% ordinary cement.								
						12.96	sqm	591	7659.36
14	15 mm thick Table rubbed polished Granite stone slab in risers and treads of steps skirting dado and pillars laid on 12mm (Average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete (single stone is to be used for risers and treads of steps and width of stone for skirting and dado shall be equal to the height of skirting & dado and length of 1.0 m).								
	Granite stone grey/pink					6.75	sqm	1869	12615.75
15	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm								
	Pigment Coloured (rubber mould) precast interlock concrete blocks					30.00	sqm	632	18960
16	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.								
						2.00	each	1709	3418

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
	In Cement mortar 1:4 (1 cement : 4 fine sand)					167.05	sqm	87.00	14533.35
20	Providing and making 12mm thick cement plaster of mix								
	In Cement Mortar 1:5 (1 cement : 5 fine sand)					326.90	Sqm	96.50	31545.85
21	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix								
	In Cement Mortar 1:5 (1 cement : 5 fine sand)					429.64	Sqm	113.00	48549.32
22	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.					923.59	Sqm	94.50	87279.255
23	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.								
	On new work (two or more coats)					493.95	Sqm	52.50	25932.375
24	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)					429.64	Sqm	56.00	24059.84
25	14.22 Painting on new work (two or more coats) to give an even shade with:								
	Satin synthetic enamel paint								
						73.80	Sqm	55.00	4059
26	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 :								
	White Long pattern W.C. pan of size 580 mm					2.00	each	2459.00	4918
	18.4 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 :								
	White pedestal type					1.00	each	2882.00	2882
27	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 :								
	White Size 550x450 mm					3.00	each	1430.00	4290

ITEM DESCRIPTION		N	L	B	H/D	Qty	Unit	Rate	Amount
18.	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:								
	Flat back half stall urinal of size 460x380x250mm								
						3.00	each	1776.00	5328
28	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.								
	110 mm dia pipe.					30.00	metre	267.00	8010
29	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°								
	110 mm					7.00	each	154.00	1078
	Nahani trap 110x75mm					5.00	each	90.50	452.5
30	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.,								
	15 mm nominal outer dia .Pipes.					20.00	metre	133.00	2660
	25 mm nominal outer dia .Pipes.					20.00	metre	213.00	4260
31	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
	Bib cock (350 grams)					6.00	each	237.00	1422
	Stop cock (350 grams)					4.00	each	237.00	948
	Providing and fixing stainless steel drain jali of approved make/quality								
						8.00	each	51.00	408
32	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:								
	Basin mixer pillar tap with spout (1000 grams)					3.00	each	1248.00	3744

ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
33 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					2000.00	litre	7.30	14600
34 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10 (1cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size)and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand)12 mm thick finished with a floating coat of neat cement complete as per standard design :					4.00	each	4644.00	18576
As per SOR Total Estimate Amount Rs.								1946652.33
For Electrification Work								53347.59
Net Ammount								1999999.92
Say Ammount Rs.								2000000.00


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)


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

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

DETAILED ESTIMATE

**Name of Work :- Construction of Samudayik Bhawan Near Purvanchal Sarva Samaj Budhwari
Bypass Road Under Ward No. 25**

As per Sor :- Schedule of Rates Public Works Department [PWD BUILDING 01-01-2015]

Sno	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
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 soils.								
		20	1.50	1.50	1.50	67.50			
		1	84.40	0.50	0.50	21.10			
		1	4.30	2.80	2.00	24.08			
		2	1.60	1.60	1.50	6.75			
		1	9.00	0.50	0.50	2.25			
						121.68	cum	185	22510.80
2	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.								
		20	1.50	1.50	0.10	4.50			
		1	84.40	0.50	0.10	4.22			
		1	15.00	6.00	0.30	27.00			
		2	4.90	4.30	0.30	12.64			
		1	3.00	1.50	0.30	1.35			
		1	1.60	1.50	0.15	0.41			
		1	4.30	2.80	0.10	1.20			
		2	1.50	1.50	0.10	0.45			
		1	9.00	0.50	0.10	0.45			
						52.22	cum	371	19373.99
3	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.								
						121.68	cum	65	7909.2
4	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. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		20	1.50	1.50	0.10	4.50			
		1	84.40	0.50	0.10	4.22			
		1	15.00	6.00	0.10	9.00			
		2	4.90	4.30	0.10	4.21			
		1	3.00	1.50	0.10	0.45			
		1	1.90	1.50	0.10	0.27			

ITEM DESCRIPTION		N	L	B	H/D	Qty	Unit	Rate	Amount
		1	4.30	2.80	0.10	1.20			
		1	70.40	1.00	0.10	7.04			
		2	1.50	1.50	0.10	0.45			
		1	9.00	0.50	0.10	0.45			
						31.80	cum	2970	94440.06
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		1	75.40	1.00	0.15	11.31			
		1	4.30	2.80	0.15	1.81			
		1	3.00	3.00	0.15	1.35			
						14.47	cum	4073	58920.02
5	Providing and fixing form work including centring, 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.								
		20X4	1.30		0.40	41.60			
		20x2	0.20		1.00	8.00			
		20x2	0.30		1.00	12.00			
		1x2	84.40		0.30	50.64			
		2x4	1.30		0.40	4.16			
		2x2	0.20		1.00	0.80			
		2x2	0.30		1.00	1.20			
		2	9.00		0.30	5.40			
						123.80	sqm	159	17208.2
	Columns, Pillars, Piers and likes- rectangular or square in shape								
		20x2	0.20		3.60	28.80			
		20x2	0.30		3.60	43.20			
		2x2	0.20		3.60	2.88			
		2x2	0.30		3.60	4.32			
						79.20	sqm	297	23522.4
	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		1	15.00	6.00		90.00			
		2	4.90	4.30		42.14			
		1	3.00	1.50		4.50			
		1	1.80	1.50		2.70			
		1	84.40	0.12		10.13			
		1	3.90	2.40		9.36			
		1	4.00	3.60		14.40			
						173.23	sqm	235	40708.58
	Weather shade, chhajja, Cornices and mouldings								
		1	84.40	0.30		25.32			
		10	1.60	0.60		9.60			
		4	1.90	0.60		4.56			
		1	15.20	0.30		4.56			
						44.04	sqm	294	12947.76
	Beams, lintels, cantilevers & walls								
		4x2	6.00		0.45	21.60			
		1x2	84.40		0.20	33.76			
		2x3	6.00		0.30	10.80			

ITEM DESCRIPTION		N	L	B	H/D	Qty	Unit	Rate	Amount
		2x2	4.90		0.20	3.92			
		1x2	1.50		0.20	0.60			
		2X2	5.90		0.20	4.72			
		3X2	2.00		0.20	2.40			
		3*2	3.00		0.30	5.40			
						83.20	sqm	202	16806.4
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.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		20	1.30	1.30	0.40	13.52			
		20	0.20	0.30	4.60	5.52			
		1	84.40	0.20	0.30	5.06			
		2	84.40	0.20	0.20	6.75			
		4	6.00	0.20	0.45	2.16			
		10	1.60	0.60	0.10	0.96			
		3	1.90	0.60	0.10	0.34			
		1	15.00	6.00	0.13	11.70			
		2	4.90	4.30	0.13	5.48			
		1	3.00	1.50	0.13	0.59			
		1	1.80	1.50	0.13	0.35			
		1	84.40	0.60	0.13	6.58			
		1	3.90	2.40	0.13	1.22			
		3	2.00	0.20	0.20	0.24			
		2	5.90	0.20	0.20	0.47			
		1	3.90	2.40	0.10	0.94			
		2	1.50	1.50	0.40	1.80			
		2	0.20	0.30	1.00	0.12			
		1	9.00	0.20	0.30	0.54			
		2	0.20	0.30	3.60	0.43			
		1	4.00	3.60	0.13	1.87			
		1	15.20	0.30	0.13	0.59			
		3	3.00	0.30	0.30	0.81			
						68.05	cum	4163	283279.661
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 in foundation and plinth all complete:								
	Thermo-Mechanically treated bars FE 415					6804.70	kg	54.5	370856.15
	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:								
						54.40	cum	97.50	5304.2925
8	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								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
		1	84.40	0.30	0.60	15.19			


ITEM DESCRIPTION		N	L	B	H/D	Qty	Unit	Rate	Amount
		1	84.40	0.20	4.00	67.52			
		2	2.00	0.60	0.20	0.48			
		2	2.00	0.30	0.20	0.24			
		1	75.40	0.20	0.30	4.52			
		2	4.10	0.30	0.20	0.49			
		3	2.00	0.30	0.20	0.36			
		2	5.90	0.20	2.00	4.72			
		1	2.00	0.20	1.40	0.56			
		2	2.00	0.20	2.00	1.60			
		2	2.20	0.20	1.80	1.58			
						97.27	Cum	3263	317398.536
9	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					67.52	Cum	121.00	8169.92
10	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.								
	Size 600x600mm	1	15.00	6.00		90.00			
		1	42.00	0.15		6.30			
		2	4.90	4.30		42.14			
		2	18.40	0.15		5.52			
						143.96	sqm	1151	165697.96
12	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete								
	Size upto 200x300mm	1	9.00		2.10	18.90			
		1	6.60		2.10	13.86			
						32.76	sqm	587	19230.12
13	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved 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.								
	Size 300x300mm	1	1.80	1.50		2.70			
		1	3.00	1.50		4.50			
		2	2.00	1.20		4.80			
						12.00	sqm	858	10296


ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
13.37 Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) :								
12.37.2 Medium shade using approximately. 50% white cement and 50% ordinary cement.								
	1	3.60	3.60		12.96			
					12.96	sqm	591	7659.36
14 15 mm thick Table rubbed polished Granite stone slab in risers and treads of steps skirting dado and pillars laid on 12mm (Average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete (single stone is to be used for risers and treads of steps and width of stone for skirting and dado shall be equal to the height of skirting & dado and length of 1.0 m).								
Granite stone grey/pink	5	0.90		1.50	6.75	sqm	1869	12615.75
15 Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm								
Pigment Coloured (rubber mould) precast interlock concrete blocks	1	15.00	2.00		30.00	sqm	632	18960
16 Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.					2.00	each	1709	3418
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								
30 mm. thick (single leaf)	2	1.50		2.10	6.30	sqm	1832	11541.6
Extra for double leaf shutter instead of single leaf	2	1.50		2.10	6.30	sqm	52	327.6

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
17	Providing and fixing steel door/ window with M.S. sheet 3mm 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.					750.00	kg	75	68250
	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.								
		1	3.00		2.40	7.20			
						7.20	sqm	3330	23976
18	PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45degree angle on either side forming styles; and 5mm thick, 95mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7mm (5mm+2mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using								
	PVC door shutter	2	0.80		2.10	3.36	sqm	2318.00	7788.48
19	Providing and making 6mm thick cement plaster of mix:								
	In Cement mortar 1:4 (1 cement : 4 fine sand)								
		1	15.00	6.00		90.00			
		1	4.90	4.30		21.07			
		1	3.00	1.50		4.50			
		1	1.80	1.50		2.70			
		2	1.90	0.60		2.28			
		8	1.60	0.60		7.68			
		1	93.40	0.30		28.02			
		4	6.00	0.45		10.80			
						167.05	sqm	87.00	14533.35

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
	White Size 550x450 mm					3.00	each	1430.00	4290
18.13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:								
	Flat back half stall urinal of size 460x380x250mm					3.00	each	1776.00	5328
28	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.								
	110 mm dia pipe.					30.00	metre	267.00	8010
29	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°								
	110 mm					7.00	each	154.00	1078
	Nahani trap 110x75mm					5.00	each	90.50	452.5
30	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.,								
	15 mm nominal outer dia .Pipes.					20.00	metre	133.00	2660
	25 mm nominal outer dia .Pipes.					20.00	metre	213.00	4260
31	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
	Bib cock (350 grams)					6.00	each	237.00	1422
	Stop cock (350 grams)					4.00	each	237.00	948
	Providing and fixing stainless steel drain jali of approved make/quality								
						8.00	each	51.00	408
32	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:								
	Basin mixer pillar tap with spout (3000 grams)					3.00	each	1248.00	3744

ITEM DESCRIPTION		N	L	B	H/D	Qty	Unit	Rate	Amount
	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					2000.00	litre	7.30	14600
34	Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10 (1cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size)and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand)12 mm thick finished with a floating coat of neat cement complete as per standard design :					4.00	each	4644.00	18576
As per SOR Total Estimate Amount Rs.									1946652.33
For Electrification Work									53347.59
Net Ammount									1999999.92
Say Ammount Rs.									2000000.00


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)


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