

कार्यालय, नगर पालिक निगम, कोरवा (छत्तीसगढ़)

फा.क. 205/2024

रिस्टम टेंडर नं. 160382

कोरवा दिनांक 24.10.2024

ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरवा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत राक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015, विद्युत कार्य हेतु दिनांक 01.08.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त शोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्चरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल रावमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 19.11.2024 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 19.11.2024 सायंकाल 4.00 बजे से

क्र.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड नं 25 अंतर्गत ब्रम्हवाटिका, गिनीमाता कन्या महाविद्यालय के पीछे, ब्रम्हवाटिका के सामीप सामुदायिक भवन निर्माण एवं प्रसाधन एवं अन्य कार्य(जिला खनिज मद)	20.00	15000/-	3 माह	750/-	वर्ग डी एवं प्रवर श्रेणी	19.11.2024 से

शर्तों:-

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 (राडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (राडा) के हित के विरुद्ध कार्य किया गया हो उन्हें 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 अगले 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 रिस्टम 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 रपीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरवा साकेत भवन, आई.टी.आई.चौक रामपुर कोसावाड़ी पिन- 495677 कोरवा 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 कर्मांक 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, कोरवा 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 सिक्क्यूरिटी 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 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।
7. ईट से संबंधित निर्माण कार्यों में फलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का विल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का विल संलग्न करना अनिवार्य होगा।
9. निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व ए.एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टार्म डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरवा 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, कोरवा 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 आवंटन 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 (Chhattisgarh)

Executive Engineer,
नगर पालिक निगम
Municipal Corporation,
कोरवा (छ.ग.)
Chhattisgarh

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		24.10.2024	10.00	24.10.2024	10.00	Release Tender
2		Bid Submission	24.10.2024	10.00	18.11.2024	17.30	
3		Physical Document Submission	24.10.2024	10.00	19.11.2024	15.00	
4	Tender Open		19.11.2024	16.00	--	--	


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

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

**NAME OF WORK :- CONSTRUCTION OF SAMUDAYIK BHAWAN ,TOILET AND OTHER WORK NEAR
BRAMHVATIKA BEHIND MINIMATA GIRLS COLLEGE AT WARD NO 25**

AS PER SOR SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD BULDING) (01-01 2015)

SN	ITEM DESCRIPTION	N	MEASUREMENT			QTY	UNIT	RATE	AMOUNT
			L	B	H/D				
	SAMUDAYIK BHAWAN								
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).	20	0.30	0.40	3.50	8.40			
	lintel	1	60.00	0.30	0.30	5.40			
	slab beam	1	110.00	0.30	0.30	9.90			
		5	14.00	0.30	0.50	10.50			
	slab	1	13.60	13.50	0.125	22.95			
	slab	1	3.00	3.00	0.125	1.125			
	chajja	10	1.50	0.60	0.15	1.35			
	stair room column	6	0.30	0.40	3.00	2.16			
	slab stair	1	13.00	4.00	0.125	6.50			
	stair	1	8.00	1.20	0.15	1.44			
		22	1.20	0.30	0.15	1.188			
						70.91	cum	4163.00	295210.82
2	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:					70.91	cum	97.50	6914.02
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 in foundation and plinth all complete:								
	Thermo-Mechanically treated bars FE 415	1	70.91		100.00	7091.00			
						7091.00	kg	54.50	388459.50
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:								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)	1	60.00	0.20	3.00	36.00			
		1	35.00	0.20	3.00	21.00			
						57.00	cum	3263.00	185991.00
5	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		1	60.00	0.20	3.00	36.00			

	1	15.00	0.20	3.00	21.00			
					57.00	cum	121.00	6097.00
A	loading and fixing form work including erecting, shuttering, strutting, staging, skipping bracing etc. complete and including its removal at all levels, for:							
	Columns, Pillars, Piers and likes- rectangular or square in shape							
		52	0.30	3.00	46.80			
		52	0.40	3.00	62.40			
					109.20	cum	297.00	12432.40
B	Beams, lintels, cantilevers & walls	2	110.00	0.30	66.00			
		20	8.00	0.80	80.00			
					146.00	sqm	202.00	29492.00
C	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)							
		1	13.60	13.50	183.8			
		1	3.00	3.00	9.00			
		10	1.50	0.80	9.00			
		1	13.00	4.00	52.00			
					253.60	sqm	235.00	59596.00
D	Edge of slab, breaks in floor and walls upto 200mm.	1	100.00		100.00			
					100.00	m	34.00	3400.00
E	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	13.00	7.30	94.90			
		1	13.00	4.50	58.50			
		1	42.00		0.10	4.20		
		1	36.00		0.10	3.60		
					161.20	sqm	1151.00	185541.2
7	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							
		2	2.00		2.10	8.40		
		2	2.50		2.10	10.50		

					18.90	sqm	587.00	11094.30	
	Providing and laying ceramic glazed floor tiles 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	2.00	2.50	5.00				
					5.00	sqm	692.00	3460.00	
9	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								
	25 mm thick (double leaf for cupboard shutters with piano type hinges	4	1.50		2.10	12.60	sqm	1669.00	21029.4
	Extra for double leaf shutter instead of single leaf	4	1.50		2.10	12.60	sqm	52.00	655.2
10	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.	12	1.20		1.50	21.60			
			21.60		30.00	648.00	kg	75.00	48600.00
11	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	12	0.45		0.60	3.24			
			2.70		20.00	54.00	kg	67.50	3645.00

	and fixing 30mm thick factory panel PVC door shutter consisting of M.S. tubes of 19mm 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 door shutter	1	1.00		2.10	2.10	sqm	2318.00	4867.80
13	Providing and making 12mm thick cement plaster of mix:								
	In Cement Mortar 1:5 (1 cement : 5 fine sand)	1	110.00		3.20	352.00	Sqm	96.50	33968.00
14	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)	1	110.00		3.60	396.00	Sqm	113.00	44748.00
15	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								
	Inner plaster					352.00			
	outer plaster					396.00			
	celling	1	13.00	18.00		234.00			
						982.00	Sqm	94.50	92799.00
16	Applying one coat of cement primer on wall surface (applied @ 0.80 litrs/10 sqm) complete								
	On new work (two or more coats)					982.00	Sqm	23.00	22586.00

	terior surface with ACRYLIC exterior paint of required shade as manufacturer's specifications to give even 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)					982.00	Sqm	56.00	54992.00
18	14.22 Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint								
		20	1.40		1.50	8.40			
		10	0.45		0.60	6.48			
						14.88	Sqm	55.00	818.40
19	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					1.00	each	2459.00	2459
20	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					1.00	each	1430.00	1430
21	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
22	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					4.00	each	154.00	616
	Nahani trap 110x75mm					2.00	each	90.50	181

	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes having thermal stability for hot & cold water supply including all CPVC pipe & 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.					16.00	metro	133.00	2128.00
	25 mm nominal outer dia. Pipes.					16.00	metro	213.00	3408.00
24	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality.								
	Bib cock (350 grams)					2.00	each	237.00	474.00
25	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)					1.00	each	1248.00	1248
26	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					1000.00	litre	7.30	7300.00
						TOTAL			1562451.04
						ADD 5% for electrification			78122.55
						TOTAL			1640573.59
	TOILET								
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.	6	1.50	1.50	1.50	20.25			
		4	1.70	0.40	0.20	0.54			
		3	1.50	0.40	0.30	0.54			
	septic tank	1	3.50	2.50	2.00	17.50			
						38.83	CUM	185.00	7184.29
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.								
		6	1.50	1.50	0.10	1.35			
		4	1.70	0.40	0.10	0.27			
		3	1.50	0.40	0.10	0.18			
	septic tank	1	3.50	2.50	0.10	0.88			
			Total			2.68	cum	371.00	993.17

	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.								
	1 3 6 (1 cement 3 coarse sand 6 graded stone aggregate 40mm nominal size)								
		6	1.50	1.50	0.15	2.03			
		4	2.90	0.40	0.10	0.46			
		3	2.60	0.40	0.10	0.31			
	septic tank	1	5.80	2.60	0.10	1.51			
		1	3.50	2.50	0.10	0.88			
			Total			4.31	cum	2970.00	12797.73
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 aggregate 20mm nominal size).								
	FOOTING	6	1.20	1.20	0.20	1.73			
		6	0.59			3.54			
	COLUMN	6	0.30	0.20	3.60	1.30			
	PB	4	2.90	0.20	0.20	0.46			
		3	2.60	0.20	0.20	0.31			
	SB	4	2.90	0.20	0.20	0.46			
		3	2.60	0.20	0.20	0.31			
	SLAB	1	6.60	3.20	0.125	2.64			
	septic tank	1	3.50	2.50	0.15	1.31			
						12.07	cum	4163.00	50241.17
5	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								
		6	0.30	0.20	3.00	1.08			
		4	2.90	0.20	0.20	0.46			
		3	2.60	0.20	0.20	0.31			
		1	6.60	3.20	0.125	2.64			
						4.50	CUM	97.50	438.36
6	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.								
		24	1.20	-	0.20	5.76			
		12	0.30	-	0.60	2.16			
		12	0.20	-	0.60	1.44			
		8	2.90	-	0.20	4.64			
		6	2.60	-	0.20	3.12			
						17.12	SQM	139.00	2379.68
	Columns, Pillars, Piers and likes- rectangular or square in shape								
		12	0.30	-	2.80	10.08			
		12	0.20	-	2.80	6.72			
		12	3.60		0.80	34.56			
						51.36	SQM	297.00	15253.92


	lintels, cantilevers & walls								
		8	2.90	-	0.20	4.64			
		6	2.60	-	0.20	3.12			
						7.76	SQM	202.00	1567.52
	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	1	6.60	3.20	-	21.12			
		1	3.50	2.50	-	8.75			
						29.87	SQM	235.00	7019.45
	Edge of slab, breaks in floor and walls upto 200mm	1	19.60	-	-	19.60	M	34.00	666.40
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								
			12.07	90.00		1086.17	kg	54.50	59195.99
8	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)	4	2.90	0.20	2.60	6.03			
		3	2.60	0.20	2.60	4.06			
	deduction	2	1.20	0.20	2.10	1.01			
	septic tank	2	3.50	0.20	1.80	2.52			
		2	2.50	0.20	1.80	1.80			
						14.41	CUM	3263.00	47013.30
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)	4	1.40	-	1.20	6.72	SQM	382.00	2567.04
10	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					21.13	CUM	121.00	2556.49
11	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.	2	1.20	-	2.10	5.04	SQM		
			5.04		25.00	126.00	kg	75.00	9450.00
12	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.	4	0.90		0.30	1.08			
			1.08		25.00	27.00	kg	67.50	1822.50

	and fixing iron frames of doors, ventilators and cupboards joints and welded with 15x3 mm lugs 10cm embedded in cement concrete blocks 10x10cm 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 approved steel primer								
	Angle-Iron frames (40°40*5)	2	6.60	-	-	13.20			
		4	2.40	-	-	9.60			
						22.80	m		
14	Painting on new work (two or more coats) to give an even shade with:		22.80		3.00	68.40	kg	73.50	5027.40
	Premium synthetic enamel paint	2			25.00	50.00			
						60.00	sqm	47.00	2820.00
15	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	4	2.90	-	2.10	24.36			
		12	1.40	-	1.20	20.16			
		4	2.60	-	2.10	21.84			
	deduction	2	1.20		2.10	5.04			
						61.32	SQM	587.00	35994.84
16	Providing and making 12mm thick cement plaster of mix:								
	In Cement Mortar 1:5 (1 cement : 5 fine sand)	4	2.90	-	0.70	8.12			
		4	2.60	-	0.70	7.28			
						15.40	SQM	96.50	1486.10
17	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)	2	6.40	-	2.80	35.84			
		2	3.00	-	2.80	16.80			
	deduction	2	1.20	-	2.10	5.04			
						47.60	SQM	113.00	5378.80
18	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	2	2.90	2.60	-	15.08			
		2	11.00	-	0.15	3.30			
						18.38	SQM	858.00	15770.04

	and applying plaster of paris putty on prepared wall surface including finishing complete								
	2mm thickness to make surface even smooth in line and level.								
		SUM OF ITEM 12 AND 13			63.00				
20	Applying one coat of cement primer on wall surface (applied @ 0.80 litres/10 sqm) complete.				63.00	sqm	63.00		3969.00
					77.04	sqm	23.00		1771.92
21	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)				77.04	sqm	56.00		4314.24
23	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 :	2			2.00	each	1401.00		2802.00
	White Onssa pattern W.C. pan of size 580x440 mm	2			2.00	each	2899.00		5798.00
24	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 wall hung type	2			2.00	each	4415.00		8830.00
25	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		1000.00	1000.00	litre	7.30		7300.00
26	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.				20.00	metre	267.00		5340.00

	ing and fixing on wall face of stabilized casticised - PVC moulded fittings/ cessories 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					10.00	each	154.00	1540.00
	Nahani trap 110x75mm					8.00	each	90.50	724.00
28	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings l/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								
	15 mm nominal outer dia .Pipes.					12.00	metre	110.00	1320.00
	25 mm nominal outer dia .Pipes.					12.00	metre	199.00	2388.00
29	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.								
	EXTERNAL WORK								
	15 mm nominal outer dia pipes					20.00	metre	91.50	1830.00
	25 mm nominal outer dia pipes					20.00	metre	125.00	2500.00
30	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
	Bib cock (250 grams)					8.00	each	185.00	1480.00
	Stop cock (350 grams)					3.00	each	237.00	711.00
31	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:								
	Pillar Cock (400 grams)					2.00	each	398.00	796.00
32	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end).								
	25 mm nominal bore					2.00	each	436.00	872.00
						TOTAL			341910.347
						ADD 5% for electrification			17095.52
						TOTAL RS.			359005.86
						TOTAL AMOUNT			1999579.45
						SAY RS			20.00 LACS

Kiran
Sub Engineer
Municipal Corporation
Korba (C.G.)


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