

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 711/ निर्माण/2022

सिस्टम टेंडर नं 106977

कोरबा दिनांक 16.08.2022

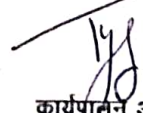
ई-निविदा आमंत्रण सूचना

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 विद्युत कार्य हेतु दिनांक 01.01.2015 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	नगर पालिक निगम, कोरबा परिक्षेत्र में संचालित प्राथमिक स्वास्थ्य केंद्र बांकी मोंगरा एवं कटाईनार में लेबर रूम, 10 बिस्तरीय वार्ड, लैब एवं दवा कक्ष निर्माण कर सर्वसुविधायुक्त शहरी प्राथमिक स्वास्थ्य केंद्र का उन्नयन एवं अन्य कार्य।	90.00	68000/-	06 माह	वर्ग डी एवं प्रवर श्रेणी	08.09.2022 से

शर्तें:-

- 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 उन्हें निविदा भरने की पात्रता नहीं होगी।
- 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, आयकर प्रमाण पत्र/पैन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाइन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
- 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 प्लाई एंड 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 विवाद 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।


कार्यपालन अभियंता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

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		16.08.2022	17.30	16.08.2022	17.30	Release Tender
2		Bid Submission	16.08.2022	17.30	07.09.2022	17.30	
3	Tender Open		08.09.2022	10.30	--	--	


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

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

ABSTRACT

As per SOR: Schedule of rates public works department [PWD BUILDING-01-01-2015]

PART A

S.N.	SOR Ref.	ITEM DESCRIPTION	No.	QTY	UNIT	RATE	AMOUNT
1		Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).					
		10 badded hospital					
			2	352.00	sqm	7.20	5068.80
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.					
	1	In all types of soil					
			2	234.91	Cum	185.00	86916.70
	1.6	Extra for every additional lift of 1.5 m or part thereof.					
			2	92.28	Cum	26.50	4890.84
3	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.					
			2	320.50	Cum	371.00	237811.00

4	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.					
	3	1:4:8 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).					
		col.					
			2	80.30	Cum	2659.00	427035.40
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	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.					
		col.					
			2	153.40	Sqm	139.00	42645.20
	2	Columns, Pillars, Piers and likes- rectangular or square in shape					
		col					
			2	195.20	sqm	297.00	115948.80
	3	Weather shade, chhajja, Cornices and mouldings					
			2	32.10	sqm	294.00	18874.80
	4	Stair cases of all types excluding spiral and folded plate type, including risers and landings					
			2	16.84	sqm	230.00	7746.40
	5	Edge of slab, breaks in floor and walls upto 200mm.					
			2	80.20	sqm	34.00	5453.60
	6	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)					
			2	126.96	sqm	235.00	59671.20
	7	Beams, lintels, cantilevers & walls					
			2	202.56	sqm	202.00	81834.24
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).					
		col.					
			2	150.23	Cum	4163.00	1250814.98

7		3.4 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:					
			2	51.31	Cum	97.50	10005.45
8		3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:					
		3.12.1 Thermo-Mechanically treated bars FE 415					
			2	14900.23	kg	54.50	1624125.07
9		Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.					
			2	1.37	Cum	4237.00	11609.38
10	4.13	Grading roof for water proofing treatment with:					
	4.13.1	Cement mortar 1:3 (1 cement : 3 coarse sand)					
			2	8.31	cum	4612.00	76651.44
11	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:					
	3	Cement Mortar 1:6 (1 cement : 6 coarse sand)					
			2	160.12	Cum	3263.00	1044943.12
12	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:					
			2	89.70	CUM	121.00	21707.40

13	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.					
		2	7.04	sqm	3330.00	46886.40
	9.18 Providing and fixing in position doors, windows and ventilators frames made of cold rolled pressed steel sheet framed profiles made from commercial M.S. Sheets conforming to I.S. 513 of 1973 and as per general specifications of I.S 4351 including hinges jamb, lock jamb, steel butt hinges, base tie, joints mitred and welded with 10cm long legs of size 15x3mm M.S. flat, embedded in cement concrete blocks 15x10x10cm size of grade M-10 or rawl plugs and screws or with fixing clips or with bolts and nuts including neatly compacted filling M-10 cement concrete in profile section applying a priming coat of red oxide zinc chromate primer.					
	Single rebate/ mullion 100mmx50mm size, 1.25mm thick sheet.					
		2	98.20	sqm	391.00	76792.40
14	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)					
		2	612.30	sqm	91.50	112050.90
15	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: 11.3.3 In Cement Mortar 1:6 (1 cement : 6 fine sand)					
		2	680.23	sqm	107.00	145569.22
16	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)					
		2	250.60	sqm	87.00	43604.40
17	11.2 Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)					
		2	34.53	sqm	103.00	7113.18
18	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: 11.3.2 In Cement Mortar 1:4 (1 cement : 4 fine sand)					
		2	6.00	sqm	120.00	1440.00

19		1.5 Neat Cement punning.	2	34.53	sqm	33.00	2278.98
20		3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.					
		3.1.4 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).					
			2	2.90	cum	4073.00	23623.40
21	18.1	Providing and fixing water closet squatting pan (Indian type W.C. pan),100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :					
	18.1.3	White Orissa pattern W.C. pan of size 580x440 mm	2	2.00	each	2899.00	11596.00
22		18.17 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 :					
		18.17.2 White Size 550x400 mm	2	4.00	each	1408.00	11264.00
23		18.21 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink with drain board as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required :					
		18.21.2 1040x510 mm bowl size 460x410x200 mm					
			2	2.00	each	8539.00	34156.00
24		19.42 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					
			2	2000.00	litre	7.30	29200.00
25		18.76 Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.					
		18.76.1 75 mm dia pipe.					

			2	22.00	meter	182.00	8008.00
		18.76.2 110 mm dia pipe.					
			2	40.00	meter	267.00	21360.00
26		18.77 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.					
		18.77.1 Tee/ Tee with door/ Bend 45°/ Bend 90°					
		18.77.1.1 75 mm	2	16.00	each	113.00	3616.00
		18.77.1.2 110 mm					
			2	32.00	each	154.00	9856.00
		18.77.2 Double "Y" with or without door					
		18.77.2.1 75 mm	2	12.00	each	129.00	3096.00
		18.77.2.2 110 mm					
			2	12.00	each	224.00	5376.00
		18.77.3 Vent cover					
		18.77.3.1 75 mm	2	12.00	each	34.00	816.00
		18.77.3.2 110 mm					
			2	2.00	each	44.00	176.00
		18.77.6 Nahani trap 110x75mm					
			2	6.00	each	90.50	1086.00
27		18.78 Providing and fixing UV stabilized Unplasticised -PVC pipe clips of approved design to Rigid PVC pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.					
		18.78.1 75 mm					
			2	10.00	each	57.00	1140.00
		18.78.2 110 mm	2	30.00	each	61.00	3660.00
28		19.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc.,					

		19.5.1 15 mm nominal outer dia .Pipes.					
			2	20.00	metre	133.00	5320.00
		19.5.3 25 mm nominal outer dia .Pipes.					
			2	25.00	metre	213.00	10650.00
29		19.6 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					
		19.6.1 15 mm nominal outer dia pipes	2	35.00	metre	91.50	6405.00
		19.6.3 25 mm nominal outer dia pipes	2	150.00	metre	165.00	49500.00
30		19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):					
		19.16.1 25 mm nominal bore	2	2.00	each	436.00	1744.00
31		19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:					
		19.14.1 Bib cock (400 grams)	2	8.00	each	382.00	6112.00
		19.14.2 Long nose bib cock (500 grams)					
			2	6.00	each	455.00	5460.00
		19.14.6 Stop cock (concealed) (600 grams)					
			2	6.00	each	494.00	5928.00
		19.14.14 Soap dish plate					
			2	2.00	each	163.00	652.00
		19.14.15 Shower rose (revolving type) (150mm)					
			2	2.00	each	269.00	1076.00
		19.14.16 Towel rail (600mm long x 20mm dia)					
			2	2.00	each	338.00	1352.00

32	19.51 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 fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 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 :					
		2	6.00	each	4356.00	52272.00
33	20.3 Providing and fixing square-mouth S.W. gully trap grade 'A' complete with C.I. grating brick masonry chamber with well burnt modular clay bricks crushing strength not less than 35kg/cm ² , water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :					
	20.3.1 100x100 mm size P type	2	6.00	each	1339.00	16068.00
34	20.28 Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :					
35	20.28.2 Inside dimensions 500x700 mm and 45 cm deep for pipe line with one or two inlets :	2	15.00	each	4357.00	130710.00
						0.00

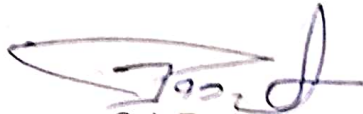
36	20.6 Providing, lowering, laying, aligning, fixing in position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sewer application as per IS 15333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer. Note : E/w to be measured and paid separately.					0.00
	20.6.2 150 mm dia	2	48.00	metre	771.00	74016.00
36	20.31 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	2.00	each	1709.00	6836.00
37	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.					
	12.13.1 Size 600x600mm	2	150.00	sqm	1151.00	345300.00
38	12.7 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					
	12.7.2 Size above 200x300mm	2	47.10	sqm	646.00	60853.20
39	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) :					
	12.37.3 Dark shade using ordinary cement					
		2	90.23	sqm	518.00	93478.28
	13.4 15mm thick Granite work (machine cut, table rubbed &					
	13.4.2 Granite stone black	2	15.45	sqm	2771.00	85623.90

40	9.54 Providing and fixing anodized aluminium framed grill (minimum anodic coating of grade AC 15) of approved shape, pattern and design including cutting, bending, hoisting and erecting/ fixing to door, window frame or to wall with fixing clips or hold fasteners or bolts and nuts as required etc. complete.					
		2	250.50	kg	396.00	198396.00
41	9.47 Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately: 24.50					
42	9.47.2 For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).	2	650.50	kg	338.00	439738.00
43	9.49 Extra for polyester powder coated (minimum 50 micron) aluminium sections instead of anodized.					
		2	309.60	kg	34.50	21362.40
44	9.51 Providing and fixing glazing in aluminium door, window, ventilator*shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):					
	9.51.3 With float glass panes of 6 mm thickness	2	18.72	sqm	804.00	30101.76

45	9.58 Extra for providing and fixing tinted glass panes in aluminium door, window, ventilator shutters and partitions instead of float glass.					
	9.58.3 6 mm thickness	2	18.72	sqm	196.00	7338.24
46	8.12 Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.					
	8.12.2 35 mm. thick (single leaf)	2	40.10	sqm	2005.00	160801.00
47	9.34 Providing and fixing stainless wire gauge of average width of aperture 1.56mm with wire of 0.35mm to existing steel door, window shutter frames with necessary M.S. strip beading etc. complete.					
		2	10.36	sqm	791.00	16389.52
48	8.127 Providing and fixing powder coated aluminium door latch with 12mm rod, necessary M.S. nuts bolts and screws etc complete.					
	8.127.2 250x12mm	2	21.00	each	54.50	2289.00
49	8.128 Providing and fixing powder coated aluminium tower bolts (Barrel type) with necessary M.S. screws etc complete.					
	8.128.2 200 x10mm	2	25.00	each	60.00	3000.00
50	8.129 Providing and fixing powder coated aluminium door handles 2.5mm thick with necessary M.S. screws etc complete.					
	8.129.1 150 mm	2	41.00	each	32.00	2624.00
51	8.130 Providing and fixing hanging powder coated aluminium door stopper with necessary M.S. screws etc complete.					
	8.130.2 Double	2	20.00	each	38.50	1540.00

52	9.35 Providing and fixing approved pipe hand rail by welding to iron railing including applying a priming coat of red oxide zinc chromate primer.					
	9.35.1 M.S Pipe	2	186.62	kg	80.50	30045.82
53	20.31 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	1.00	each	1709.00	3418.00
54	14.13 Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.					
		2	1371.21	sqm	94.50	259158.69
55	14.11 Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.					
	14.11.1 On new work (two or more coats)	2	799.12	sqm	52.50	83907.60
56	14.16 Painting exterior surface with PREMIUM 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:					
59	14.16.1 On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) sqm 74.50	2	610.20	sqm	74.50	90919.80
57	14.22 Painting on new work (two or more coats) to give an even shade with:					
	14.22.1 Satin synthetic enamel paint	2	142.05	sqm	55.00	15625.50
58	19.10 Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)					
	19.10.1 25 mm nominal bore	2	20.00	each	200.00	8000.00

69	8.126 Providing and fixing powder coated aluminium sliding door bolts with 16mm rod, necessary M.S. nuts bolts and screws etc complete.					
	8.126.2 250x16mm					
		2	25.00	each	150.00	7500.00
TOTAL =						8079030.41
Say Rs.=						8079100.00


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)

Asstt. Engineer
 Municipal Corporation

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

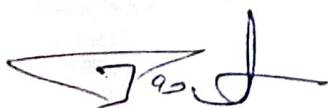
ABSTRACT

As per SOR: Schedule of rates public works department [PWD BUILDING-01-01-2015]

PART-B

S.N.	SOR Ref.	ITEM DESCRIPTION		qty	UNIT	RATE	AMOUNT
1		21.17 Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is					
			2	1	Point	1502.00	3004
2		21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level.					
		21.1.1 All types of soil					
		21.1.1.2 125 mm dia.	2	110	mtr	371.00	81620
3		21.5 Supplying, assembling, lowering and fixing in vertical position in bore well, ISI marked G.I. casing pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per IS: 1239 (Part-1&Part-2) 1992 with IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.					
		21.5.3 150 mm nominal dia	2	33	mtr	1304.00	86064

		21.11 Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of:					
		21.11.3 150 mm dia	2	1	each	217.00	434
5	26.3	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.					
	26.3.1	1.0 HP, single phase	2	1	Each	15866.00	31732
6	26.14	Supplying, laying and fixing following size submersible cable along with GI/PVC/HDFC pipe line or laid in ground etc as required					
	26.14.2	3x2.5 sqmm					
			2	120.00	mtr	67.5	16200
7	26.11	Supply, 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 required. a) Phase indicating lamps with fuses and toggle switches 1 set b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No c) 25 A "C" curve DPMCB 1 No d) Voltmeter 0-250 V 1 set e) Ammeter 0-10 A 1 set					
			2	1	Each	4125.00	8250
TOTAL =							227304.00
Say Rs.=							227400.00



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

Asstt. Engineer
Municipal Corporation

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

ABSTRACT

As per SOR: Schedule of rates public works department [PWD BUILDING-01-01-2015]

PART-C

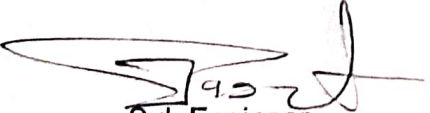
S.N.	SOR Ref.	ITEM DESCRIPTION		qty	UNIT	RATE	AMOUNT
1	4.1	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in surface PVC conduit, with 5 amp piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with same size cable etc as required.					
	4.1.1	Short Point	2	18	Point	213.00	7668
	4.1.2	Medium Point	2	20	Point	356.00	14240
	4.1.3	Long Point	2	30	Point	506.00	30360
2	4.3	Extra for providing and fixing light plug point on board in surface PVC conduit point wiring with piano type 3 pin 5 amp socket outlet and 5 amp switch including cost of phenolic laminated sheet and M.S. box etc. as required. etc. as required.					
			2	15	Point	95.00	2850
3	4.4	Wiring for light plug point with 2x2.5 sq mm FR PVC insulated stranded copper conductor cable in surface PVC conduit along with piano type 6 amp switch and 3 pin 6 amps socket outlet with suitable size M.S. box, phenolic laminated sheet, earthing the switch box and socket outlet with same size cable etc. as required.					
	4.4.3	Long Point	2	10	Point	822.00	16440
	4.4.4	Extra Long Point I	2	10	Point	1163.00	23260


4	4.4	Wiring for power plug point with 2x4 sq mm FR PVC insulated stranded copper conductor cable in surface PVC conduit along with piano type 16 amp switch and 6 pin 16 amps socket outlet with suitable size M.S. box, phenolic laminated sheet, earthing the switch box and socket outlet with same size cable etc. as required.					
	4.5.4	Extra Long Point I	2	13	Point	1637.00	42562
5	4.6	Wiring for power plug point with 2x6 sq mm FR PVC insulated stranded copper conductor cable in surface PVC conduit along with 20amp 2 pole & earth, industrial type socket outlet, 32amp "C" curve SP MCB, in sheet steel enclosure with metal plug top and chained metal cover for the socket out let, earthing the switch box and socket outlet with same size cable etc. as required.					
	4.6.4	Extra Long Point I	2	8	Point	2782.00	44512
	4.6.5	Extra Long Point II	2	8	Point	3482.00	55712
6	4.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface PVC conduit etc as required.					
	4.13.1	3 X 1.5 sq. mm in 20mm conduit	2	53	Metre	74.00	7844
	4.13.2	3 X 2.5 sq. mm in 20mm conduit	2	70	Metre	95.00	13300
	4.13.3	6 X 2.5 sq. mm in 25mm conduit	2	39	Metre	161.00	12558
	4.13.4	9 X 2.5 sq. mm in 32mm conduit	2	30	Metre	236.00	14160
	4.13.5	12 X 2.5 sq. mm in 32mm conduit	2	22	Metre	293.00	12892
	4.13.6	3 X 4 sq. mm in 25mm conduit	2	24	Metre	130.00	6240
7	7.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as required.					
8	7.1.12	Fan regulator Electronic, step type moving all round	2	20	Each	178.00	7120
	7.1.15	Batten/ angle holder	2	29	Each	37.50	2175
9	7.2	Providing and fixing composite board for computer points having piano type 1 No 6 pin 16 amp socket outlet, 1 No 16 amp switch and 3 Nos 3 pin 6 amp socket outlets, 3 Nos 6 amp switches, suitable M.S box, 3mm thick phenolic laminated sheet cover including painting etc. as required.	2	5	Each	553.00	5530

10	8.5	Providing and fixing wooden board of suitable size for energy meter etc complete as required.	2	5	Each	117.00	1170
11	9.10	Providing and fixing metal clad, TP&N switch fuse unit (re-wirable), 415/500 volts, with porcelain re-wireable fuses including drilling holes on the board,		5			
	9.10.1	32 amps	2	5	Each	878.00	8780
12	9.11	Providing and fixing porcelain re-wireable fuse carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as required. (Thimbeling shall be paid separately).					
	9.11.2	32 amps	2	5	Each	85.50	855
13	11.5	Supplying and fixing on surface/ recess vertical type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, with 200 amps tinned copper busbar, common neutral link, earth bar, din bar, detachable gland/ knock out plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator) (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)					
	11.5.1	4 way (4 + 12), Single door	2	5	Each	3853.00	38530
14	11.10	Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	11.10.1	6 amps to 32 amps	2	26	Each	154.00	8008
15	8.1	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 FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required.					
	8.1.2	1200 mm sweep	2	12	Each	1503.00	36072
16	8.8	Supplying, installation, testing and commissioning of following sizes fancy exhaust fan having built in lovers in existing opening in wall including earthing etc. complete as required.					
	8.8.2	300 mm sweep	2	8	Each	1319.00	21104

17	8.11.1	Supplying, installation, testing and commissioning of following T-5 fluorescent fitting (luminaries) complete with electronic ballast but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.					
	8.11.1	Single box type with decorative end caps	2	15	Each	635.00	19050
18	8.12	Supplying, fixing, testing and commissioning of following 230/250 volts fluorescent lamp (tube) in existing lighting luminaries as required.					
	8.12.2	4' x 28 watt (T-5)	2	15	Each	143.00	4290
19	8.22	Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as required and furnishing 2 Yrs Guarantee certificate from manufacturer.					
	8.22.4	9 Watt	2	25	Each	973.00	48650
20	8.30	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 5 KV surge protection on pole bracket complete as required and furnishing 2 Yrs Guarantee certificate from manufacturer.					
	8.30.2	40-45 watt	2	5	Each	9534.00	95340
21	9.9	Providing and fixing metal clad, SP&N switch fuse unit (re-wirable), 230/250 volts, with porcelain re-wireable fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).					
	9.9.1	32 amps	2	5	Each	931.00	9310
22	11.19	Supplying and fixing following rating, 415 volts, FOUR POLES, ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	11.19.1	40 amps	2	5	Each	593.00	5930

23		Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.	2	5	Set	3454.00	34540
24	14.5	Supplying and laying 8 SWG copper wire at 0.50 metre below ground level for conductor earth electrode, including soldering etc. as required.	2	50	Metre	76.00	7600
25	32.1	Earth work in all type soil except soft rock / hard rock with all lead and 1.5 metre lift, dressing, stacking excavated strata including refilling of excavated soil in trench / pit to ground level complete as required.	2	8.32	cum	163.00	2712.32
26	17.8	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as required.					
	17.8.13	4 x 10 sq. mm.	2	100	Metre	108.00	21600
27	22.30	Supplying and erection of G.I wire of size 8 SWG to 4 SWG including binding etc. as required.	2	40	kg	109.00	8720
TOTAL =							691684.32
Say Rs.=							691700.00
Civil work							8079100.00
Bore work							691700.00
Electrical work							227400.00
TOTAL =							8998200.00
Say Rs.=							9000000.00


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