

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

फा.क./422/निर्माण/2018

सिस्टम टेन्डर नं. 50188

कोरबा, दिनांक 01.03.2019

तृतीय ई-निविदा आमंत्रण सूचना

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत रक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्यों हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा (भवन) दिनांक 01.01.2015 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु ऑनलाईन ई-निविदा आमंत्रित की जाती है :-

क्र	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रु में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क 13 ट्रांसपोर्ट नगर कोरबा में सतनाम प्रांगण में भवन निर्माण एवं विस्तार कार्य	15.00 लाख	11500.00	6 माह	वर्ग डी एव प्रवर श्रेणी	19.03.2019 से

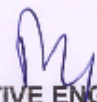
शर्त:-

- 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 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, पूर्व में इस प्रकार के किये गये कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र/पैन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का **स्केन 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 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 देना 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 फ्लाई एश 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 अभियन्ता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		01.03.19	17.00	01.03.19	17.00	Release Tender
2		Bid Submission	01.03.19	17.00	18.03.19	17.30	
3	Tender Open		19.03.19	10.30	--	--	


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

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

DETAILED ESTIMATE

Name of Work : CONST. OF COMMUNITY HALL
 As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1	In all types of soils.								
		-Col	18	1.50	1.50	1.50	60.75			
		-Wall	1	27.60	0.60	0.60	9.93			
		-Septic Tank	1	3.00	3.00	2.50	22.50			
		-Step	1	2.24	1.50	0.30	1.00			
						Total	94.18	cum	185.00	17423.30
2	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
			18	1.50	1.50	0.10	4.05			
			1	3.00	3.00	0.10	0.90			
			1	6.00	12.00	0.60	43.20			
			1	12.00	3.00	0.50	18.00			
						Total	66.15		371.00	24541.65
3	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		PCC/ RCC work in the proportion recommended by the manufacturer.								
7	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
			18	4x1.4	1.00	0.30	21.60			
			18	1.00		1.20	21.60			
			2	54.60		0.30	32.76			
			2	10.00		0.15	3.00			
			4	3.00		0.15	1.80			
						Total	80.76	sqm	139.00	11225.64
	1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	18	1.00		3.30	59.40	sqm	297.00	17641.80
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
			1	12.70	6.70		85.09			
			1	3.50	12.70		44.45			
			1	3.00	3.00		9.00			
						Total	138.54	sqm	235.00	32556.90
	1.8	Beams, lintels, cantilevers & walls								
			2	54.60		0.20	21.84			
			4	6.00		0.20	4.80			
			4x2	6.00		0.40	19.20			
			2	54.60		0.20	21.84			
			3	3.00	0.20		1.80			
			3x2	3.00		0.20	3.60			
						Total	73.08	sqm	202.00	14762.16
	1.13	Weather shade, chhajja, Cornices and mouldings								
			1	12.70	0.50		6.35			
			1	12.70		0.08	1.01			
			2	0.50		0.09	0.09			
			6	1.30	0.50		3.90			
			6	1.30		0.08	0.62			
			6x2	0.50		0.09	0.54			

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
						Total	12.51	sqm	294.00	3677.94
	5.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)								
			1	54.60	0.30	0.60	9.82			
			1	44.90	0.20	2.90	26.04			
			1	10.80	0.30	2.20	7.12			
			2	2.24	1.30	0.20	1.16			
			2	2.24	1.00	0.20	0.89			
			2	2.24	0.70	0.20	0.62			
			1	33.40	0.20	0.30	2.00			
		Deduction--	8	1.00	0.20	1.20	-1.92			
		Deduction--	2	1.00	0.20	2.10	-0.84			
		Deduction--	1	2.24	0.20	2.10	-0.94			
						Total	43.95	cum	3350.00	147232.50
							27.03		121.00	3270.63
9	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:								
10	7.9	Half brick thick (9cm) brick masonry with modular well burnt clay bricks of crushing strength not less than 35 kg/sqcm and water absorption not more than 20% upto plinth level:								
	9.2	Cement Mortar 1:4 (1 cement : 4 coarse sand)	1	3.00		3.00	9.00	sqm	435.00	3915.00
11	9.6	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.								
	6.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.					450.00	Kg	68.00	30600.
12	11.1	Providing and making 6mm thick cement plaster of mix:								
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)					211.62	sqm	87.00	18410

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
13	11.3	Providing and making 12mm thick cement plaster of mix:								
	2.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)					209.50	sqm	96.50	20216.75
14	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	3.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)					209.50	sqm	113.00	23673.50
15	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.								
	7.2	Size above 200x300mm	1	8.60		2.10	18.06	sqm	646.00	11666.76
16	12.49	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								
			1	12.00	6.00		72.00			
			1	12.00	3.00		36.00			
						Total	108.00		897.00	96876.00
17	12.50	KOTA stone slab 25mm thick in risers and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry					22.86		990.00	22631.40

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT	
		mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 M.)									
18	12.51	Extra for nosing in steps and treads of Kota stone slab.					12.20		69.50	847.90	
19	14.9	Distempering with acrylic washable distemper to give an even shade.									
	9.1	On new work (Two or more coats)					411.46	sqm	38.00	15635.48	
20	14.14	Finishing walls with water proofing cement paint of required shade to give an even shade.									
	14.1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)					219.16	sqm	41.00	8985.56	
21	14.22	Painting on new work (two or more coats) to give an even shade with:									
	22.1	Satin synthetic enamel paint									
			1	2.24			2.10	4.70			
			8x2	1.00			1.20	19.20			
			2x2	1.00			2.10	8.40			
			2	0.80			2.10	3.36			
			12	0.60	0.30			2.16			
							Total	37.82	sqm	55.00	2080.10
22	19.7	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:									
	7.1	15 mm dia. nominal bore					20.00	metre	149.00	2980.00	
23	19.7	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting,									

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		making good the walls etc. and testing of joints complete:								
	7.2	20 mm dia. nominal bore					14.00	metre	185.00	2590.00
24	19.9	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete:								
	9.3	25 mm dia. nominal bore					10.00	metre	222.00	2220.00
25	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 :								
	1.1	White Long pattern W.C. pan of size 580 mm					1.00	each	2459.00	2459.00
26	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.								
	76.1	75 mm dia pipe.					20.00	metre	182.00	3640.00
	76.2	110 mm dia pipe.					10.00	metre	267.00	2670.00
27	20.1	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand)								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		including testing of joints etc. complete :								
	1.2	150 mm diameter					10.00	metre	262.00	2620.00
28	20.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete 150mm thick as per standard design:								
	2.2	150 mm diameter S.W. pipe					10.00	metre	436.00	4360.00
29	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 :								
	3.2	150 x 100 mm size P type.					1.00	Each	1397.00	1397.00
30	20.19	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :								
	19.1	For pipes 100 to 230 mm diameter					1.00	Each	207.00	207.00
31	20.28	Providing and constructing brick masonry chamber for								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		underground pipe 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 :								
	28.1	Inside dimensions 455x610 mm and 45 cm deep for single pipe line :					2.00	Each	3796.00	7592.00
32	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.					1.00		1709.00	1709.00
33	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.								
	1.2	1:4:8 (1 cement : 4								

SN	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT	
	coarse sand : 8 graded stone aggregate 40mm nominal size).									
		18	1.50	1.50	0.10	4.05				
		1	54.60	0.60	0.08	2.62				
		1	3.00	3.00	0.10	0.90				
		1	12.00	6.00	0.05	3.60				
		1	12.00	3.00	0.05	1.80				
		1	2.24	1.50	0.08	0.26				
						Total	13.23	cum	2659.00	35178.57
									3330.00	15651.00
34	9.11 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	2.24		2.10	4.70				
35	18.20 Providing and fixing stainless steel AISI-304(18/8) 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 :									
	20.2 Size 510x410 mm						2.00	each	4095.00	8190.00
36	12.9 Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.									
	9.1 Size 300x300mm	1	1.30	3.00		3.90	sqm	692.00	2698.80	
37	18.77 Providing and fixing on									

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	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.								
77.1	Tee/ Tee with door/ Bend 45° / Bend 90°					1.00	each	113.00	113.00
77.1.1	75 mm					1.00	each	154.00	154.00
77.1.2	110 mm								
77.2	Double "Y" with or without door					1.00	each	129.00	129.00
77.2.1	75 mm					1.00	each	224.00	224.00
77.2.2	110 mm								
77.3	Vent cover					1.00	each	34.00	34.00
77.3.1	75 mm					1.00	each	44.00	44.00
77.3.2	110 mm								
77.4	Access door cap					1.00	each	49.50	49.50
77.4.1	75 mm					1.00	each	59.00	59.00
77.4.2	110 mm					1.00	each	227.00	227.00
77.5	"P" trap 110mmx110mm long					1.00	each	90.50	90.50
77.6	Nahani trap 110x75mm					1.00	each	122.00	122.00
77.7	Multi floor trap 110								
38 19.7	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
7.1	15 mm dia. nominal bore					30.00	metre	149.00	4470.00
7.2	20 mm dia. nominal bore					20.00	metre	185.00	3700.00
39 19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
13.1	Bib cock (250 grams)						each	185.00	
13.2	Bib cock (350 grams)					4.00	each	237.00	948.00
13.3	Stop cock (350 grams)					4.00	each	237.00	948.00
40 19.15	Providing and fixing stainless steel drain jali of approved make/quality.					1.00		51.00	51.00

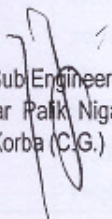
SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		Providing and fixing M.S. fan clamp/hook for ceiling fan made out of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop.					11.00		97.00	1067.00
42	9.57	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.								
	57.1	SS Grade 204					300.00	kg	467.00	140100.00
43	9.13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.					300.00		75.00	22500.00
44	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	1	20.00	15.00		300.00		7.20	2160.00
45	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					1000.00	Litre	7.30	7300.00

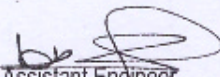
SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		inlet, outlet and overflow pipes but without fittings and the base support for tank								
46	19.10	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)								
	10.1	25 mm nominal bore					1.00	each	200.00	200.00
47	12.65	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								
	65.2	Pigment Coloured (rubber mould) precast interlock concrete blocks	1	15.00	4.00		60.00	sqm	632.00	37920.00
48	22.2	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment).					12.00	cum	201.00	2412.00
49	22.11	Renovating lawns including weeding, cheeling the grass, forking the ground, top dressing with sludge or manure, mixing the same with forked soil, watering and maintaining the lawn for 30 days or more till the grass	1	50.00	10.00		500.00	sqm	11.00	5500.00

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		forms a thick lawn free from weeds and fit for mowing and disposal of rubbish as directed, including supplying good earth if needed but excluding the cost of sludge or manure (the good earth shall be paid for separately).								

As per Estimate Amount Rs. **1357957.55**
Say Rs.

PART(A)


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


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

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

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

DETAILED ESTIMATE

Name of Work : (ELECTRICAL SOR 01-08-15)
 As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ELECTRICAL-01-08-2015]

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	3.1	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed 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.								
	1	Short Point					18.00	Point	236.00	4248.00
	2	Medium Point					10.00	Point	388.00	3880.00
	3	Long Point					11.00	Point	553.00	6083.00
2	3.4	Wiring for light plug point with 2x2.5 sq mm FR PVC insulated stranded copper conductor cable in concealed 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.								
	2	Medium Point					5.00	Point	582.00	2910.00
	3	Long Point					4.00	Point	869.00	3476.00
3	3.5	Wiring for power plug point with 2x4 sq mm FR PVC insulated stranded copper conductor cable in concealed 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								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		cable etc. as required.								
	2	Medium Point					4.00	Point	846.00	3384.00
	3	Long Point					3.00	Point	1259.00	3777.00
4	3.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed PVC conduit as required.								
	2	3 X 2.5 sq. mm in 20mm conduit					80.00	Metre	104.00	8320.00
	3	6 X 2.5 sq. mm in 25mm conduit					120.00	Metre	172.00	20640.00
	4	9 X 2.5 sq. mm in 32mm conduit					180.00	Metre	249.00	44820.00
5	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.								
	2	1200 mm sweep					8.00	Each	1503.00	12024.00
6	8.6	Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as required.								
	2	380 mm sweep					6.00	Each	3079.00	18474.00
7	8.18	Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as required.								
	4	15 Watt					10.00	Each	183.00	1830.00
	5	20 Watt					12.00	Each	233.00	2796.00
8	8.53	Providing and fixing wooden board of suitable size for energy meter etc complete as required.					10.00	Each	117.00	1170.00
9	9.9	Providing and fixing metal								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		clad, SP&N switch fuse unit (re-wirable), 230/250 volts, with porcelain re-wireble fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).								
	1	32 amps					3.00	Each	931.00	2793.00
10	9.11	Providing and fixing porcelain re-wireble fuse carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as required. (Thimbeling shall be paid separately).								
	2	32 amps					5.00	Each	85.50	427.50
	3	63 amps					6.00	Each	157.00	942.00
11	8.9	Supplying, installation, testing and commissioning of following surface/ concealed type fluorescent fitting (luminaries) complete with electronic ballast/ copper ballast glow type starter but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.								
	1	4' x 40 W single patti type						Each	272.00	
12	15.7	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate having 4 nos holes for fixing etc. complete as required.						Each	361.00	
13	14.1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate						Set	2472.00	

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) as required.								

(PART - B) As per Estimate Amount Rs. 141994.50
Say Rs.

+ PART A = 13,57,957.0

14,99,952.0

Executive Engineer Say ₹ = 15,00,000.0
Nagar Palik Nigam
Korba (C.G.)

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

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