

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

फा.क./निर्माण /2019 / 88

सिस्टम टेन्डर नं. 50595
ई-निविदा आमंत्रण सूचना

कोरबा, दिनांक 08/03/2019

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्यों हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा (भवन) दिनांक 01.01.2015ए (विद्युत) दिनांक 01.07.2015 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 लाख में	धरोहर राशि रु में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क 59 खम्हरिया के ईश्वर घर के प्रात सामुदायिक भवन का निर्माण कार्य।	14.09	10600/-	04 माह	वर्ग डी एवं प्रवर श्रेणी	30.03.2019 से

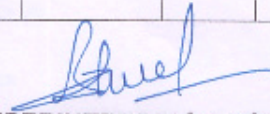
शर्त:-

- 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 (पार्टनरशिप 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 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 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।

अधीक्षण 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		08.03.19	10.30	08.03.19	10.30	Release Tender
2		Bid Submission	08.03.19	10.30	29.03.19	17.30	
3	Tender Open		30.03.19	10.30	--	--	


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

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

DETAILED ESTIMATE

Construction of Community Building Near Iashwar Yadav house at
Khamhriya at ward no 59

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

S.N.	SOR Ref.	ITEM DESCRIPTION	NO	L	B	D/H	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	In all types of soil								
			15	1.50	1.50	1.60	54.00			
			3	6.40	0.60	0.60	6.91			
			5	6.60	0.60	0.60	11.88			
			1	2.80	0.60	0.60	1.01			
			1	2.00	0.60	0.60	0.72			
			1	3.00	2.00	0.20	1.20			
			1	3.30	0.40	0.40	0.53			
			2	12.60	0.60	0.20	3.02			
			2	9.80	0.60	0.20	2.35			
			1	3.40	3.00	2.10	21.42			
			6	1.20	1.20	0.40	3.46			
			1	6.40	0.60	0.20	0.77			
			1	1.20	1.00	0.60	0.72			
						Total=	107.99	Cum	185.00	19977.78
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.								
			15	1.50	1.50	0.10	3.38			
			3	6.40	0.60	0.10	1.15			
			5	6.60	0.60	0.10	1.98			
			1	2.80	0.60	0.10	0.17			
			1	2.00	0.60	0.10	0.12			
			1	3.00	2.00	0.10	0.60			
			1	3.30	0.40	0.10	0.13			
			2	12.60	0.60	0.10	1.51			
			2	9.80	0.60	0.10	1.18			
			1	12.00	9.00	0.10	10.80			
			1	3.20	2.40	0.10	0.77			
						Total=	21.78	Cum	371.00	8081.49
3	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M..								
						Total=	107.99	Cum	65.00	7019.22

Providing and fixing formwork including centering, 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.

15X4	1.50		0.30	27.00
15X4	0.90		0.50	27.00
15X2	0.30		0.70	6.30
15X2	0.20		0.70	4.20
3X2	12.40		0.30	22.32
5X2	9.20		0.30	27.60

Total= 114.42 Sqm 139.00 15904.38

6 Columns, beams & walls- circular or any other geometrical shape other than square and rectangular in all sizes

15X2	0.30		2.10	18.90
15X2	0.20		2.10	12.60
15X2	0.30		0.60	5.40
15X2	0.20		0.60	3.60

Total= 40.50 Sqm 356.00 14418.00

8 Beams, lintels, cantilevers & walls

3x2	12.40		0.30	22.32
5X2	9.20		0.30	27.60
3x2	12.40		0.20	14.88
3X2	9.20		0.20	11.04
2x2	3.40		0.20	2.72
2X2	6.20		0.40	9.92
2	6.20	0.30		3.72

Total= 92.20 Sqm 202.00 18624.40

7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)

4	1.80	0.60		4.32
4	3.00		0.13	1.56
1	1.50	0.60		0.90
1	2.70		0.13	0.35
1	9.80	0.60		5.88
1	11.00		0.13	1.43
1	11.80	0.60		7.08
1	13.00		0.13	1.69
1	12.70	10.10		128.27
1	45.60		0.13	5.93
2	3.40		0.13	0.88
2	3		0.13	0.78

Total= 159.07 Sqm 235.00 37382.16

5 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.

2 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).

15	1.50	1.50	0.10	3.38
3	6.40	0.60	0.10	1.15
5	6.60	0.60	0.10	1.98
1	2.80	0.60	0.10	0.17

		1	2.00	0.60	0.10	0.12			
		1	3.00	2.00	0.10	0.60			
		1	3.30	0.40	0.10	0.13			
		2	12.60	0.60	0.10	1.51			
		2	9.80	0.60	0.10	1.18			
		1	12.00	9.00	0.10	10.80			
		1	3.20	2.40	0.10	0.77			
		1	3.40	3.20	0.10	1.09			
		1	1.20	1.00	0.10	0.12			
					Total=	22.99	Cum	2659.00	61133.07
6	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.							
	1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).							
		raft	15	1.50	1.50	0.30	10.13		
		footing	15	0.90	0.90	0.50	6.08		
		column below plinth	15	0.20	0.30	0.70	0.63		
		plinth beam	3	12.40	0.20	0.30	2.23		
			5	9.20	0.20	0.30	2.76		
		column above plinth	15	0.20	0.30	2.10	1.89		
		lintel beam	3	12.40	0.20	0.30	2.23		
			5	9.20	0.20	0.30	2.76		
		column	15	0.20	0.30	0.60	0.54		
		top beam	3	12.40	0.20	0.20	1.49		
			3	9.20	0.20	0.20	1.10		
			2	3.40	0.20	0.20	0.27		
		latken beam	2	6.20	0.30	0.40	1.49		
		chhajja	4	1.80	0.60	0.13	0.56		
			1	1.50	0.60	0.13	0.12		
			1	9.80	0.60	0.13	0.76		
		loft	1	11.80	0.60	0.13	0.92		
		slab	1	10.10	12.70	0.13	16.68		
			1	5.20	0.60	0.13	0.41		
			1	3.40	3.00	0.13	1.33		
			1	1.20	1.00	0.10	0.12		
					Total=	54.49	Cum	4163.00	226825.63
7	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:							
	1	Thermo-Mechanically treated bars FE 415					4695.00	Kg	54.50 255877.50
8	7.17	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:							
	4	Cement Mortar 1:6 (1 cement : 6 coarse sand)							
			3	12.40	0.20	0.60	4.46		
			5	9.20	0.20	0.60	5.52		
			3	12.40	0.20	2.90	21.58		
			3	9.20	0.20	2.90	16.01		
			3	3.20	0.20	2.90	5.57		
			1	2.00	0.20	2.90	1.16		

			2	3.40	0.20	2.10	2.86			
			2	2.80	0.20	2.10	2.35			
			1	9.40	0.20	0.45	0.85			
			1	9.40	0.20	0.30	0.56			
			1	9.40	0.20	0.15	0.28			
			2	12.40	0.20	0.90	4.46			
			2	9.20	0.20	0.90	3.31			
							68.97			
		DEDUCT:	4	1.50	0.20	1.20	-1.44			
			1	1.20	0.20	1.00	-0.24			
			9	0.60	0.20	0.30	-0.32			
			1	1.50	0.20	2.10	-0.63			
			1	2.40	0.20	2.10	-1.01			
			3	0.90	0.20	2.10	-1.13			
			3	0.80	0.20	2.10	-1.01			
						Total=	63.19	Cum	3263.00	206182.44
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:					44.32	Cum	121.00	5362.72
10	11.1	Providing and making 6mm thick cement plaster of mix:								
	2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
			1	9.30	6.00		55.80			
			1	6.00	2.50		15.00			
			1	3.20	2.50		8.00			
			1	3.20	3.00		9.60			
			1	3.20	2.70		8.64			
			1	3.20	3.20		10.24			
			4	6.00	0.40		9.60			
			2	6.00	0.30		3.60			
			1	9.80	0.60		5.88			
			4	1.80	0.60		4.32			
			1	1.50	0.60		0.90			
			1	45.60	0.13		5.93			
			1	11.00	0.13		1.43			
			5	3.00	0.13		1.95			
						Total=	140.89	Sqm	87.00	12257.26
11	11.2	Providing and making 12mm thick cement plaster of mix:								
	3	In Cement Mortar 1:5 (1 cement : 5 fine sand)								
			1	30.60		3.40	104.04			
			1	17.00		3.40	57.80			
			1	12.80		3.40	43.52			
			1	11.80		3.40	40.12			
			1	12.40		3.40	42.16			
			1	11.40		3.40	38.76			
			2	3.20		3.40	21.76			
			2	1.80		3.40	12.24			
			4	2.40		3.40	32.64			
			1	4.00		0.60	2.40			
							395.44			
		DEDUCT:	4	1.50		1.20	-7.20			
			1	1.20		1.00	-1.20			
			9	0.60		0.30	-1.62			
			2	1.50		2.10	-6.30			
			1	2.40		2.10	-5.04			
			3x2	0.90		2.10	-11.34			
			3x2	0.80		2.10	-10.08			
						Total=	352.66	Sqm	96.50	34031.69

3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:

3 In Cement Mortar 1:5 (1 cement : 5 fine sand)

2	12.40	4.20	104.16
2	9.80	4.20	82.32
2	3.20	2.10	13.44
2	2.80	2.10	11.76
2	12.70	0.90	22.86
2	10.10	0.90	18.18
3	9.40	0.20	5.64
3	9.40	0.15	4.23
2	0.20	0.45	0.18
2	0.20	0.30	0.12
2	0.20	0.15	0.06

262.95

DEDUCT:

4	1.50	1.20	-7.20
1	1.20	1.00	-1.20
9	0.60	0.30	-1.62
1	2.40	2.10	-5.04

Total= 247.89 Sqm 113.00 28011.57

13 12.10 Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.

1 Size 600x600mm

1	9.30	6.00	55.80
1	6.00	2.50	15.00
1	3.20	2.50	8.00
1	3.20	2.70	8.64
1	3.20	3.20	10.24
2	9.30	0.15	2.79
4	6.00	0.15	3.60
2	2.50	0.15	0.75
2	8.90	0.15	2.67
8	3.20	0.15	3.84

Total= 111.33 Sqm 1151.00 128140.83

14 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.

1 Size upto 200x300mm

4	3.20	2.10	26.88
4	2.00	2.10	16.80

Total= 43.68 Sqm 587.00 25640.16

9	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)								
		3	9.4	0.25		7.05			
		3	9.4	0.15		4.23			
		1	6.2	0.6		3.72			
		1	6.2	0.13		0.81			
						15.81	Sqm	897.00	14177.98
16	9.15 Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.					350.00	Kg	67.50	23625.00
17	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	2.40	2.10		5.04	Sqm	3330.00	16783.20
18	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.					490.00	Kg	75.00	36750.00
19	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.					493.55	Sqm	94.50	46640.29
20	14.14 Finishing walls with water proofing cement paint of required shade to give an even shade.								
	1 On new work (Two or more coats applied @ 3.84 kg/10 sqm)					247.89	Sqm	41.00	10163.49
21	14.9 Distemping with acrylic washable distemper to give an even shade.								
	1 On new work (Two or more coats)					493.55	Sqm	38.00	18754.82
22	14.15 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:								

	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)					186.48	Sqm	56.00	10442.88
23	8.62	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:								
	2	200x10mm					6.00	Each	231.00	1386.00
24	18.2	Providing and fixing vitreous china water closet squatting pan (Indian type) including cutting and making good the walls and floors wherever required:								
	3	White Orissa pattern W.C. pan of size 580x440 mm					2.00	Each	1440.00	2880.00
25	18.7	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern conforming to IS : 7231, with all fittings and fixtures complete.								
	1	white					2.00	Each	729.00	1458.00
26	18.13	Providing and fixing white vitreous china urinal basin as per IS : 2556 complete:								
	2	Flat back type urinal of size 460x380x250mm					2.00	Each	1529.00	3058.00
	3	Wall corner type urinal of sizes 340x410x265mm					2.00	Each	1659.00	3318.00
27	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 :								
	1	White Size 550x450 mm					2.00	Each	1430.00	2860.00
28	18.56	Providing and fixing sand cast iron S&S trap of self cleansing design with screwed down or hinged grating with or without vent arm as per IS: 1729 complete, including cost of cutting and making good the walls and floors :								
	1	100 mm inlet and 100 mm outlet					4.00	Each	562.00	2248.00
29	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) including testing of joints etc. complete :								
	1	100 mm diameter					6.00	metre	162.00	972.00
	2	150 mm diameter					9.00	metre	262.00	2358.00
30	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:								
	1	100 mm diameter S.W. pipe					6.00	metre	357.00	2142.00
	2	150 mm diameter S.W. pipe					9.00	metre	436.00	3924.00

	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 :							
	1	100x100 mm size P type				2.00	Each	1339.00	2678.00
32	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:							
	3	25 mm dia. nominal bore				42.00	metre	258.00	10836.00
33	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:							
	2	Bib cock (350 grams)				10.00	Each	237.00	2370.00
34	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				1000.00	Litre	7.30	7300.00
35	18.22	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink without 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 :							
	1	345x445 mm bowl depth 200 mm.				1.00	Each	6298.00	6298.00
								TOTAL =	1338293.96

TOTAL= 1338293.96

Say Rs 1338500/-

Asstt Engineer
Municipal Corporation
Korba (C.G.)

Sub Engineer
Municipal Corporation
Korba (C.G.)

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

DETAILED ESTIMATE (REVISED)

Internal Electrification of community building at ward no

As per SOR: Schedule of rates public works department [PWD ELECTRICAL-01-07-2015] PART- B

S. N.	S. R	ITEM DESCRIPTION	NO	L	B	D/H	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.								
	1	Short Point	15				15	Point	213.00	3195.00
	2	Medium Point	4				4	Point	356.00	1424.00
	3	Long Point	5				5	Point	506.00	2530.00
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.	5				5.00	Point	95.00	475.00
3	4.5	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.								
	2	Medium Point	2				2.00	Point	781.00	1562.00
	3	Long Point	1				1.00	Point	1163.00	1163.00
4	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.								
	4.13.3 X 1.5 sq. mm in 20mm conduit		1	105.00			105.00	Metre	74.00	7770.00
	4.13.3 X 2.5 sq. mm in 20mm conduit		1	25.00			25.00	Metre	95.00	2375.00
	4.13.3 X 4 sq. mm in 25mm conduit		1	35.00			35.00	Metre	130.00	4550.00
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.								
	3	1400 mm sweep	5				5	Each	1637.00	8185.00
6	8.11	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								
	1	Single box type with decorative end caps	10				10.00	Each	635.00	6350.00

		Supplying, fixing, testing and commissioning of following 230/250 volts fluorescent lamp (tube) in existing lighting luminaries as required.							
	2	4' x 28 watt (T-5)	10			10.00	Each	143.00	1430.00
8	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.							
	8.22.9	Watt	5			5.00	Each	973.00	4865.00
	8.22.12	Watt	2			2.00	Each	1420.00	2840.00
	8.22.15	Watt	2			2.00	Each	1804.00	3608.00
9	6.2	Supplying and fixing of following sizes wooden switch box made of wooden plank side wall and base including 3mm thick phenolic laminated sheet cover on surface complete as required							
	6.2.1	100mmX100mm	3			3.00	Each	55.00	165.00
	6.2.2	150mmX75mm	2			2.00	Each	58.00	116.00
	6.2.3	150mmX150mm	2			2.00	Each	76.50	153.00
	6.2.4	180mmX100mm	2			2.00	Each	69.50	139.00
	6.2.5	200mmX150mm	2			2.00	Each	88.50	177.00
10	7.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as required.							
	7.1.1	Fan regulator Electronic, step type moving all round	5			5.00	Each	178.00	890.00
	7.1.1	Ceiling rose 3 pin 5 amps	5			5.00	Each	28.00	140.00
	7.1.1	Batten/ angle holder	9			9.00	Each	37.50	337.50
11	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.							
	8.30.8.30		1			1.00	Each	4890.00	4890.00
12	11.1	Supplying and fixing TP&N MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as required.							
	11.1	6 amps to 32 amps	1			1.00	Each	960.00	960.00
17	35	Providing of metal clad, TP&N switch fuse unit (re-wirable), 415/500 volts, with porcelain re-wireable fuses as required.							
	1	32 amps	1			1.00	Each	749.00	749.00
18	4.56	Supplying 2 pole, 230/250 volts following rating power contactor							
	34.5	16 amps	3			3.00	Each	368.00	1104.00

		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.	1	1.50	1.50	1.50	3.38	cum	163.00	550.13
20	14.2	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.	1				1.00	Set	3454.00	3454.00
21	4.18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	100				100.00	Metre	37.50	3750.00
TOTAL =									69896.63	

Say Rs.= 700000.00

Asst Engineer
Municipal Corporation
Korba (C.G.)

Sub Engineer
Municipal Corporation
Korba (C.G.)

TECHNICALLY SANCTIONED