

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

फा.क./निर्माण /2018 /451

सिस्टम टेन्डर नं. 49130
द्वितीय ई-निविदा आमंत्रण सूचना

कोरबा, दिनांक 31/01/2019

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 01.01.2015, (विद्युत) दिनांक 01.08.2015 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरो 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	नगर निगम क्षेत्रांतर्गत विभिन्न जगहों पर मंच का निर्माण कार्य	5000000.00	35500/-	04 माह	वर्ग डी एवं प्रवृ श्रेणी	19.02.2019 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 प्राप्ति 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।
- निविदा उन्हीं ठेकेदारों को प्रदाय किये जावेंगे जो कि कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो अन्यथा निविदा प्रदाय नहीं किया जावेगा।
- निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में **निविदा जारी तिथि से 10 दिवस पूर्व का नोटरी सत्यापित** 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।
- कार्य में उपयोग हेतु 43 ग्रेड ओ.पी.सी. सीमेंट की खरीदी ठेकेदारों को स्वयं करनी होगी।
- प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
- निविदा दरें 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)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		31.01.19	17.30	31.01.19	17.30	Release Tender
2		Bid Submission	31.01.19	17.30	18.02.19	17.30	
3	Tender Open		19.02.19	10.30	--	--	


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

OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)

DETAILED ESTIMATE

Name of Work : CONSTRUCTION OF MANCH AT NAGER NIGAM AREA KORBA

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.								
		-COLUMN	6	1.20	1.20	1.20	10.36			
		-UNDER PLINTH	4	2.20	0.60	0.60	3.16			
			3	2.70	0.60	0.60	2.91			
		-S/T	1	2.00	2.00	1.50	6.00			
						Total	22.43	cum	185.00	4149.55
2	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.								
	1.3	1:3:6 (1 cement : 3 coarse sand								
		-COLUMN	6	1.20	1.20	0.10	0.86			
		-UNDER PLINTH	4	2.20	0.60	0.10	0.52			
			3	2.70	0.60	0.10	0.48			
		-FLORR	2	2.70	2.20	0.10	1.18			
		-S/T	1	2.00	2.00	0.10	0.40			
						Total	3.44	cum	2970.00	10216.80
3	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								

SN	RE	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		of								
			6X2	0.30	0.50		1.80			
			6X2	0.20	0.50		1.20			
		-P BEAM	2	5.30	0.30		3.18			
			2	3.30	0.30		1.98			
			2	2.20	0.30		1.32			
			4	2.70	0.30		3.24			
						Total	12.72	sqm	139.00	1768.08
1.8		Beams, lintels, cantilevers & walls								
		-L BEAM & S BEAM	2X2	5.30	0.20		4.24			
			2X2	3.30	0.20		2.64			
			2X2	2.20	0.20		1.76			
			2X2	2.70	0.20		2.16			
		-CENTER BEAM	2X2	2.70	0.30		3.24			
			1X2	2.70	0.20		1.08			
						Total	15.12	sqm	202.00	3054.24
1.5		Columns, Pillars, Piers and likes- rectangular or square in shape								
			6X2	0.30	2.10		7.56			
			6X2	0.20	2.10		5.04			
			6X2	0.20	0.60		1.44			
			6X2	0.30	0.60		2.16			
						Total	16.20	sqm	297.00	4811.40
1.7		Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
			2	2.70	2.20		11.88			
			2	5.90	0.60		7.08			
			2	3.90	0.60		4.68			
			2	5.90	0.12		1.41			
			2	3.90	0.12		0.93			
		-S/T	1	1.40	1.40		1.96			
			4	2.00	0.15		1.20			
						Total	29.14	sqm	235.00	6847.90
4	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in								

SN		ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
			3	2.70	0.20	2.10	3.40			
			4	2.20	0.20	0.60	1.05			
		-PARAPET	3	2.70	0.20	0.60	0.97			
			4	2.20	0.20	0.40	0.70			
		-S/T	3	2.70	0.20	0.30	0.48			
			2	2.00	0.30	1.50	1.80			
			2	1.40	0.30	1.50	1.26			
						Total	16.89	cum	3263.00	55112.07
7	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:								
		-S/S	4	2.20	0.20	2.10	3.69			
			3	2.70	0.20	2.10	3.40			
			4	2.20	0.20	0.60	1.05			
			3	2.70	0.20	0.60	0.97			
		-PARAPET	4	2.20	0.20	0.30	0.52			
			3	2.70	0.20	0.30	0.48			
						Total	10.11	cum	121.00	1223.31
8	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.								
	1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		-ROOF	1	5.90	3.90	0.06	1.38			
						Total	1.38	cum	4073.00	5620.74
9	4.22	Providing Water proofing treatment over Roof, Wall, Chhajjas, Balcony with Diamond Shield and Sealer coat or equivalent at leakage/ seepage area consisting of the operation: (i) Surface preparation roughening of surface,								

SN	EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		opening of cracks in 'V' groove in size of 5mm x 10m (WxD), filling of cracks with putty of Diamond shield with laying fiber glass mesh, Cleaning of surface by scrubbing with steel wire/ Nylon brush. Removing all dust particles and washing with adequate water to clean completely. (ii) Providing and applying 1st coat of diamond shield or equivalent compound (having two component dry powder 80% Chemical 20% (chemical having 30% solid contents) making flexible waterproof and protective modified mortar with minimum thickness 70-80 micron after proper mixing of both the parts of compound along with laying of fiber glass mesh (of weaving size of 10x10 yarn/inch duly coated with alkaline resistant polymer). Allow the coating to set in natural air for minimum 2 Hrs. After 1st coat apply 2nd coat with minimum thickness 100 micron of the same compound. Allow the 2 coat to set in natural air for minimum 4 Hrs. Total consumption of the diamond shield or equivalent in both coat should be @ 17.90 kg for 10sqm area.								
			1	5.90	3.90		23.01			
						Total	23.01	sqm	421.00	9687.21
10	11.1	Providing and making 6mm thick cement plaster of mix:								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
			2	2.20	2.70		11.88			
			2	3.40	0.20		1.36			
			1	3.10	0.20		0.62			
			2	6.20	0.60		7.44			
			2	4.00	0.60		4.80			
			2	6.20	0.12		1.48			
			2	5.20	0.12		1.24			
						Total	28.82	sqm	87.00	2507.34
11	11.2	Providing and making 12mm thick cement plaster of mix:								
	2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			2	5.00	3.60		36.00			
			2	4.00	3.60		28.80			
		Deduction--D	2X0.50	1.00	2.10		-2.10			
		Deduction--	4X0.50	1.80	0.60		-2.16			
		Deduction--	2X0.50	3.00	0.60		-1.80			
		-S/T	2	2.00	1.50		6.00			
			2	2.00	1.50		6.00			
						Total	70.74	sqm	91.50	6472.71
12	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			2X2	3.40	3.00		40.80			
			2X2	2.05	3.00		24.60			
		Deduction--	2X0.50	1.00	2.10		-2.10			
		Deduction--	4X0.50	1.80	0.60		-2.16			
		Deduction--	2X0.50	3.00	0.60		-1.80			
						Total	59.34	sqm	107.00	6349.38
13	11.5	Neat Cement punning.								
			2	2.00	1.50		6.00			
			2	2.00	1.50		6.00			
						Total	12.00	sqm	33.00	396.00
14	12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and de cement mixed with matching pigment complete.								

SN	EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	7.1	Size upto 200x300mm								
			2X2	2.20	2.10		18.48			
			2X2	2.70	2.10		22.68			
			2X4	1.00	2.10		16.80			
			4	1.00	0.10		0.40			
			4	2.10	0.10		0.84			
						Total	59.20	sqm	587.00	34750.40
15	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colourts with white cement mixed with matching pigment etc., complete.								
	9.1	Size 300x300mm								
			2	2.20	2.70		11.88			
						Total	11.88	sqm	692.00	8220.96
16	12.10	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.								
	10.2	Size above 300x300mm								
			2X2	2.20	2.10		18.48			
			2X2	2.70	2.10		22.68			
			2X4	1.00	2.10		16.80			
			4	1.00	0.10		0.40			
			4	2.10	0.10		0.84			
						Total	59.20	sqm	905.00	53576.00
17	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.								
	6.1	In stringers, treads, landings etc.								

SN	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
21	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 :				Total	3.00	each	2014.00	6042.00
	17.1 White Size 550x450 mm								
		3				3.00			
					Total	3.00	each	1430.00	4290.00
22	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.								
	76.2 110 mm dia pipe.	1	30.00			30.00			
					Total	30.00	metre	267.00	8010.00
23	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.								
	77.1 Tee/ Tee with door/ Bend 45° / Bend 90°								
	77.1.2 110 mm	5				5.00			
					Total	5.00	each	154.00	770.00

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	77.3	Vent cover								
	77.3.2	110 mm								
			1				1.00			
						Total	1.00	each	44.00	44.00
	77.4	Access door cap								
	77.4.2	110 mm								
			2				2.00			
						Total	2.00	each	59.00	118.00
	77.6	Nahani trap 110x75mm								
			4				4.00			
						Total	4.00	each	90.50	362.00
24	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.								
	78.2	110 mm								
			8				8.00			
						Total	8.00	each	61.00	488.00
25	14.12	Applying one coat of cement primer on wall surface (applied @ 0.80 litrs/10 sqm) complete.								
							28.82			
							58.74			
							59.34			
						Total	146.90	sqm	23.00	3378.70
26	14.13	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltells to make the surface smooth and even.								
		-6MM					28.82			
		-12MM					58.74			

SN	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	-15MM					59.34			
					Total	146.90	sqm	94.50	13882.05
27	14.9 Distemping with acrylic washable distemper to give an even shade.								
	9.1 On new work (Two or more coats)								
	-6MM					28.82			
	-15 MM					59.34			
					Total	88.16	sqm	38.00	3350.08
28	14.16 Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and dth:								
	16.1 On new work (Two or more coats)								
	-12 MM					58.74			
					Total	58.74	sqm	74.50	4376.13
29	14.22 Painting on new work (two or more coats) to give an even shade with:								
	22.1 Satin synthetic enamel paint								
	-DOOR	2X2	1.00	2.10		8.40			
		4X1	2.20	0.60		5.28			
		1X1	2.70	0.60		1.62			
					Total	15.30	sqm	55.00	841.50
30	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								


SN	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	successful point is payable)								
		1				1.00			
					Total	1.00	point	1502.00	1502.00
31	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.								
	1.1 All types of soil								
	1.1.2 125 mm dia.								
		1	24.90			24.90			
					Total	24.90	metre	321.00	7992.90
32	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								


SN	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	level.								
1.2	Rocky strata including Boulders.								
2.2	125 mm dia.								
		1	64.50			64.50			
					Total	64.50	metre	349.00	22510.50
1.2	Rocky strata including Boulders.								
33	21.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.							
	3.2	125 mm nominal size dia.							
		1	30.00			30.00			
					Total	30.00	metre	474.00	14220.00
34	21.10	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notcompressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.							
		1				1.00			
					Total	1.00	Hour	654.00	654.00
35	21.11	Providing and fixing suitable size threaded mild							


SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		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:								
	11.2	125 mm dia								
			1				1.00			
						Total	1.00	each	200.00	200.00
36	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	1000.00			2000.00			
						Total	2000.00		7.30	14600.00
37	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								
			1	25.00			25.00			
						Total	25.00	metre	149.00	3725.00
	7.2	20 mm dia. nominal bore								
			1	25.00			25.00			
						Total	25.00	metre	185.00	4625.00
	7.3	25 mm dia. nominal bore								
			1	25.00			25.00			
						Total	25.00	metre	258.00	6450.00
38	19.11	Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the pipe and making long screws etc.								

SN	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	complete:								
11.1	15 mm nominal bore	2				2.00			
					Total	2.00	each	85.00	170.00
11.2	20 mm nominal bore	2				2.00			
					Total	2.00	each	98.00	196.00
11.3	25 mm nominal bore	3				3.00			
					Total	3.00	each	117.00	351.00
39	19.13 Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
13.1	Bib cock (250 grams)	4				4.00			
					Total	4.00	each	185.00	740.00
40	19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):								
16.1	25 mm nominal bore	1				1.00			
					Total	1.00	each	436.00	436.00

As per Estimate Amount Rs. **466165.31**
Say Rs.


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


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


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

OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)

DETAILED ESTIMATE

Name of Work : INTERNAL ELECRIFACTION OF MANCH AT NAGER NIGAM AREA KORBA

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	4.7	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 modular switch, modular base and cover plate, suitable size G.I. box and earthing the point with same size cable as required.								
	1	Short Point	3				3.00			
						Total	3.00	Point	252.00	756.00
	2	Medium Point	3				3.00			
						Total	3.00	Point	394.00	1182.00
	3	Long Point	2				2.00			
						Total	2.00	Point	518.00	1036.00
2	4.9	Extra for providing and fixing light plug point on board in surface PVC conduit point wiring with modular type 3 pin 5 amp socket outlet and 5 amp switch including cost of base and cover plate and G. I. box etc. as required.								
			4				4.00			
						Total	4.00	Point	240.00	960.00
3	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.								

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		complete as required.								
	1	300 mm sweep								
			2				2.00			
						Total	2.00	Each	2558.00	5116.00
4	8.18	Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as required.								
	5	20 Watt								
			6				6.00			
						Total	6.00	Each	233.00	1398.00
5	11.3	Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board consumer unit of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator)								
	2	2 + 8 way								
			1				1.00			
						Total	1.00	Each	816.00	816.00
6	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.								
	1	6 amps to 32 amps								
			1				1.00			
						Total	1.00	Each	154.00	154.00
7	14.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories,								

SN	EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.								
			1				1.00			
						Total	1.00	Set	3454.00	3454.00
8	14.18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.								
			1	25.00			25.00			
						Total	25.00	Metre	37.50	937.50
9	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.								
	13	4 x 10 sq. mm.								
			1	15.00			15.00			
						Total	15.00	Metre	108.00	1620.00
10	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.								
	1	1.0 HP, single phase								
			1				1.00			

SN	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
					Total	1.00	Each	15866.00	15866.00

As per Estimate Amount Rs.

33295.50

Say Rs.

PART (A) 466 165 = 31

PART (B) 33295 = 50

4,99 460 = 81

Say 500,000/-

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

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

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