

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

फा.क./निर्माण /2019

सिस्टम टेन्डर नं. 53260
ई-निविदा आमंत्रण सूचना

कोरबा, दिनांक 16/07/2019

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 01.01.2015 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरो 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	मनोरंजन गृह का विस्तार कार्य	100.30	75300/	08 माह	वर्ग सी एवं प्रवर श्रेणी	07.08.2019 से


शर्त:-

1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
2. जिन ठेकेदारों द्वारा नगर पालिक निगम (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।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप 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।
4. निविदाकार का विगत तीन वित्तीय वर्षों में किसी भी वित्तीय वर्ष में इस प्रकार के कार्य के 50 प्रतिशत प्राक्कलन राशि अथवा अधिक का कार्य सम्पादन का अनुभव अनिवार्य है। कार्यपालन अभियन्ता एवं उच्च अधिकारी से जारी प्रमाण पत्र ही मान्य होगा। अनुभव प्रमाण पत्र किसी शासकीय विभाग द्वारा अथवा किसी शासकीय उपक्रम/संस्था द्वारा जारी होना चाहिए।
5. 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।
6. 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।
7. 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।
8. 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।
9. ईट से संबंधित निर्माण कार्यों में फ्लाइ ईश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
10. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
11. 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।
12. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
13. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
14. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
15. 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		16.07.19	20.30	16.07.19	20.30	Release Tender
2		Bid Submission	16.07.19	20.30	06.08.19	17.30	
3	Tender Open		07.08.19	10.30	--	--	


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

OFFICE OF THE MUNICIPAL CORPORATION KORBA
CERTIFICATE
THE DEVELOPMENT OF MANORANJAN GRIH BUILDING AT WARD NO 22

S.NO.	DESCRIPTION	estimated Cost	Remark
PART A (BUILDING WORK)			
1	Civil work The calculations are based on Rates of C.G. Public Works Department (Building work) effective from year 2015	RS 9146324.74	
2	WaterSupply Work The calculations are based on Rates of C.G. Public Works Department (Building work) effective from year 2015	RS 313108.00	
3	ELEctrification work The calculations are based on Rates of C.G. Public Works Department (Building work) effective from year 2010)	RS 570160.00	
		RS 10029592.74	
		RS 10029600.00	

(NORBA)
12/12

E12

For : **SPACE & VIEW**
for space & view

 Ar Deepak Soni
 (Deepak Soni)
 Architect & Civil Engineer

OFFICE OF THE MUNICIPAL CORPORATION KORBA

ABSTRACT

THE DEVELOPMENT OF MANORANJAN GRIH BUILDING AT WARD NO 22

PART A

SUB STRUCTURE

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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				
A	1.1.1 In all types of soil	CUM	544.29	185.00	100693.65
B	Extra for every additional lift of 1.5 m or part thereof. 1.6.1 All types of soils	CUM	192.12	33.00	6339.96
2	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. 1.18	CUM	80.34	371.00	29805.03
3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 3.1.2	CUM	80.34	2659.00	213616.08
4	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels. for: a)Foundations, footings, base of columns and plinth beam in any shape and size.2.1.1	Sqm	686.80	139.00	95465.20
5	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 1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20mm nominal size) 3.2.1	CUM	134.18	4163.00	558587.18
6	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: 3.12.2 Thermo-Mechanically treated bars FF 500D	Kgs	13417.90	54.50	731275.55
7	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: :7.5.3 Cement Mortar 1:5 (1 cement : 5 coarse sand)	CUM	33.18	3350.00	111153.00

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
8	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. 1.17	CUM	847.05	65.00	55058.25
				Total:-	1901993.90
SUPER STRUCTURE					
1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels. for:				
A	2.1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	Sqm	275.44	235.00	64728.40
B	2.1.15 Stair cases of all types excluding spiral and folded plate type, including risers and landings	Sqm	67.50	230.00	15525.00
C	2.1.8 Beams, lintels, cantilevers & walls	Sqm	979.02	202.00	197762.04
D	2.1.5 Columns, Pillars, Piers and likes- rectangular or square in shape	Sqm	291.60	297.00	86605.20
E	2.1.2 Wall of any thickness including attached pilasters, buttresses etc. in super structure.	Sqm	129.28	228.00	29475.84
F	2.1.14 Spiral / folded plate type stair cases including risers and landings	Sqm	108.00	307.00	33156.00
2	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 1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20mm nominal size). (3.2.1) & 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	CUM	170.06	4260.50	724525.72
3	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: 3.12.2 Thermo-Mechanically treated bars FF 500D	Kgs	17005.65	54.50	926807.93
4	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) & ext ra for brick work in superstructure: Above plinth and upto floor five level.7.5.4 & 7.6	CUM	266.30	3471.00	924320.36

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	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 and panelling to be paid for separately 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).9.47				
A	9.47.1 For fixed portion	kgs	147.42	331.00	48796.02
B	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).	kgs	147.42	338.00	49827.96
6	Glazing Work				
A	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): 9.51.2 With float glass panes of 5 mm thickness With float glass panes of 5 mm thickness	sqm	64.14	804.00	51568.56
B	9.56 Extra for providing and fixing reflective glass panes in aluminium door, window, ventilator shutters and partitions instead of float glass. 9.59.2 5 mm thickness	sqm	64.14	292.00	18728.88
7	6mm thick cement plaster of mix:11.1.2 In Cement mortar 1:4 (1 cement : 4 fine sand)	Sqm	1358.00	87.00	118146.00
8	12mm thick cement plaster of mix:11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)	Sqm	1073.37	96.50	103579.72
9	15mm thick cement plaster on the rough side of single or half brick wall of mix:11.3.3 In Cement Mortar 1:5 (1 cement : 6 fine sand)	Sqm	931.17	113.00	105221.65
10	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.				
	12.9.2 Size above 300x300mm	Sqm	383.74	728.00	279362.72

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
11	Granite Work				
A	12.46 15 mm thick Table rubbed polished Granite stone slab in risers and treads of steps skirting dado and pillars laid on 12mm (average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete (single stone is to be used for risers and treads of steps and width of stone for skirting and dado shall be equal to the height of skirting & dado and length of 1.0 m).				
	12.46.1 Granite stone grey/pink	sqm	113.18	1869.00	211524.08
B	13.6 15mm thick Granite work (machine cut, table rubbed & mirror polished) for kitchen platform, vanity counters, window sills and similar locations of required size laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) including joints treated with white cement mixed with matching pigment including rubbing and polishing to edge moulding to give high gloss finish. 13.6.1 Granite stone grey/pink	Sqm	6.10	2466.00	15042.60
C	13.17 Providing and fixing 15mm thick Granite (machine cut, table rubbed & mirror polished on both sides) for partition curtain in toilets or similar locations of required size in wall with cement mortar 1:4 (1 cement : 4 coarse sand) including cutting chase in wall and joint with wall treated with white cement mixed with matching pigment including rubbing and polishing to edge moulding to give high gloss finish. 13.17.1 Granite stone grey/pink	sqm	5.40	2111.00	11399.40
D	13.20 Extra for fixing marble /granite stone in facia and drops of width upto 150 mm with epoxy resin based adhesive instead of cement mortar including cleaning etc. complete.	Meter	8.80	257.00	2261.60
E	13.21 Extra for making opening of required size & shape for wash basins/ kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite/stone work including making necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.	Each	4.00	253.00	1012.00
11	Distemping with acrylic washable distemper to give an even shade.14.9.1 On new work (Two or more coats)	Sqm	2289.17	38.00	86988.27
12	Finishing walls with water proofing cement paint of required shade to give an even shade. 14.14.1 On new work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	1073.37	41.00	44007.97

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13	Painting on new work (two or more coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint (2nd top most approved branded quality) to give an even shade.	Sqm	249.60	47.00	11731.39
14	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. 14.13	Sqm	3362.53	94.50	317759.09
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 of red oxide zinc chromate primer.. 9.15	Kgs	1383.60	67.50	93393.00
15	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. 12.7& 12.7.2 Size above 200x300mm	Sqm	188.80	646.00	121964.80
16	Providing and fixing flush door shutters, interior grade, commercial type, core of block board construction with frame of first class hard wood and well matched commercial ply veneering with vertical grains, cross bands and face veneers on both faces of shutters excluding hinges				
A	8.13.2 35 mm. thick (single leaf)	Sqm	35.49	1370.00	48621.30
B	8.15 Extra for double leaf shutter instead of single leaf.				
17	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete 8.60.1 300x16mm	Nos	38.00	475.00	18050.00
18	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:8.62.1 250x10mm	Nos	19.00	276.00	5244.00
19	Providing and fixing bright finished brass door handles with brass polished MS screws complete: 8.65.1 125 mm	Nos	38.00	55.50	2109.00

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
20	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete: 8.58.1 125x85x5.50 mm (Heavy Type)	Nos	114.00	245.00	27930.00
21	Kota Stone Flooring				
A	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)	Sqm	488.14	897.00	437861.58
B	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 (1cement : 3 coarse sand) and jointed with grey cement slurry 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	Sqm	21.24	1869.00	39697.56
22	9.48 Extra for powder coated (minimum 50 micron) aluminium sections instead of anodized.	kgs	177.42	27.00	4790.34
23	9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zincchromate primer. 9.3.1 Electric resistance or induction butt welded tubes Grade-250	Kgs	6550.07	88.50	579681.55

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
24	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required..	sqm	605.40	693.00	419542.20
25	10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section.	meter	761.60	118.00	89868.80
26	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. 9.57.2 SS Grade 304	Kgs	416.34	525.00	218578.50
27	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.	Sqm	20.00	3330.00	66600.00
28	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	Sqm	198.12	1151.00	228030.37

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
29	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 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	Sqm	108.00	990.00	106920.00
30	16.17 Dismantling G.I. sheet roofing including ridges hips, valleys and gutters etc. and stacking the material with 50 m lead.	Sqm	135.00	33.50	4522.50
31	16.3 Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. 16.3.3 In cement mortar.	Cum	23.76	263.00	6248.88
32	16.42 Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	Cum	8.10	758.00	6139.80
28	Borewell 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.				
A	21.1.1 All types of soil 21.1.1.3 150 mm dia.	meter	30.00	339.00	10170.00
B	21.1.2 Rocky strata including Boulders. 21.1.2.2 125 mm dia.	meter	50.00	349.00	17450.00
C	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. 21.3.3 150 mm nominal size dia.	meter	30.00	540.00	16200.00

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
D	21.4 Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.	meter	10.00	546.00	5460.00
	21.4.2 125 mm nominal size dia.				
E	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" notch method or any other approved method, measuring static level & draw down etc. by step drawdown method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	Hrs	48.00	654.00	31392.00
F	21.12 Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tube well as per IS: 2800 (part I), including necessary bolts & nuts of required size complete. 21.12.3 150 mm clamp.	Each	1.00	1055.00	1055.00
G	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 payable)	Each	5.00	1502.00	7510.00
Total					7094895.55

ANTI TERMITE TREATMENT

1	1.25 Diluting chemical emulsion (chlorpyrifos/ lindane) in water as per manufacturers recommendation and injecting for pre-constructional curative cum preventive anti-termite treatment: (Five year serviceguarantee bond to be signed by contractor) 1.25.1 Surface treatment by spreading emulsion under floor, over the plinth area before laying base concrete @ 5 litres / sqm	SQm	380.80	27.50	10472.00
2	1.25.3 Treatment of outer side of plinth masonry wall using diluted chemical emulsion @ 1.5 litre per hole, including drilling 12 mm diameter holes in plinth wall at the junction of floor at the interval of 300 mm and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand)	Meter	78.80	13.50	1063.80

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
-------	-------------	------	-----	------	--------

3 1.23 Diluting chemical emulsion (chlorpyrifos/ lindane) in water as per manufacturers recommendation and injecting for post - constructional antitermite treatment (excluding cost of chemical emulsion): 1.23.3 Treatment of masonry wall/ soil under existing floors using diluted chemical emulsion @ one litre per hole, including drilling 12 mm diameter holes at the junction of floor and walls along the cracks on the floor at the interval of 300 mm and plugging with cement mortar 1 : 2 (1 cement : 2 Coarse sand) to match the existing floor :

Meter	135.00	10.50	1417.50
Sqm	99.00	118.00	11682.00

4 1.24 Diluting chemical emulsion (chlorpyrifos/ lindane) in oil or kerosene based solution as per manufacturers recommendation and injecting the diluted chemical emulsion for post - constructional anti-termite treatment of wood work at points of contact @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same

Litre	600.00	208.00	124800.00
			149435.30

5 1.22 Supplying chlorpyrifos/ Lindane emulsifiable concentrate of 20% in sealed containers including delivery as specified.

SUB Structure	RS	1901993.90
Super Structure	RS	7094895.55
Antitermite Treatment	RS	149435.30
Total	RS	9146324.74

(Signature)
A/E

For : **SPACE & VIEW**
For Space & View
(Signature)
 Ar Deepak Soni
 (Deepak Soni)
 Architect & Civil Engineer

OFFICE OF THE MUNICIPAL CORPORATION KORBA
THE DEVELOPMENT OF MANORANJAN GRIH BUILDING AT WARD NO 22

WATER SUPPLY WORKS

S.No.	Particulars of Item	Qty	Unit	Rate	Amount
1	19.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes in concealed in wall, 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 including cutting chases and making good the walls etc complete as per direction of Engineer in Charge.				
	19.5.1 15 mm nominal outer dia .Pipes.	50.00	metre	133.00	6650.00
	19.5.2 20 mm nominal outer dia .Pipes.	100.00	metre	167.00	16700.00
	19.5.3 25 mm nominal outer dia .Pipes.	100.00	metre	213.00	21300.00
	19.5.4 32 mm nominal outer dia .Pipes.	40.00	metre	284.00	11360.00
2	19.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes on wall surface, 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 testing of joints complete as per direction of Engineer in Charge. exposed on wall				
	19.6.4 32 mm nominal outer dia .Pipes.	60.00	metre	228.00	13680.00
	19.6.5 40 mm nominal outer dia .Pipes.	50.00	metre	300.00	15000.00
3	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 (450gms)	5.00	each	382.00	1910.00
	19.14.3 Long body bib cock (500gms)	5.00	each	426.00	2130.00
	19.14.4 Piller Cock (400 grams)	12.00	each	398	4776.00
	19.14.7 Angle valve for basin mixer and geyser points (450 grams)	12.00	each	382	4584.00
	19.14.19 Health foscet (hand jet) with flexible connection pipe (for WC)	7.00	each	774	5418.00
	19.14.12 Bottle trap set with extension pipes	10.00	each	473	4730.00
	19.14.13 Toilet paper holder	7.00	each	248	1736.00
	19.14.14 Soap dish plate	10.00	each	163	1630.00
	19.14.16 Towel rail (600mm long x 20mm dia)	7.00	each	338	2366.00
4	19.15 Providing and fixing stainless steel drain jali of approved make/quality.				
		10.00	each	51.00	510.00

S.No.	Particulars of Item	Qty	Unit	Rate	Amount
5	19.18 Providing and fixing gun metal non-return valve (horizontal type) of approved quality (screwed end) :				
	19.18.2 32 mm nominal bore	2.00	each	556.00	1112.00
	19.18.3 40 mm nominal bore	2.00	each	688.00	1376.00
6	19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI 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.	5000.00	Litre	7.3	36500.00
7	19.43 Cutting holes upto 30x30 cm in walls including making good the same :	5.00	each	125	625.00
8	19.44 Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof.	5.00	each	94	470.00
9	19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/ cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete 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 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design :	4.00	Each	754	3016.00
10	19.48 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 sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm 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 :	4.00	Each	4644	18576.00

S.No.	Particulars of Item	Qty	Unit	Rate	Amount
11	18.76 Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.				
	18.76.1 75 mm dia pipe.	20.00	meter	182	3640.00
	18.76.2 110 mm dia pipe.	30.00	meter	267	8010.00
12	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				
A	18.77.1 Tee/ Tee with door/ Bend 45°/ Bend 90°				
	18.77.1.1 75 mm	5.00	each	113.00	565.00
	18.77.1.2 110 mm	5.00	each	154.00	770.00
B	18.77.5 "P" trap 110mmx110mm long	7.00	each	227.00	1589.00
C	18.77.6 Nahani trap 110x75mm	6.00	each	90.50	543.00
D	Vent cover 18.75.6.2 110 mm	2.00	each	44.00	88.00
13	18.76 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.				
	18.76.1 75 mm	40.00	each	57.000	2280.00
	18.76.2 110 mm	40.00	each	61.000	2440.00
14	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	2.00	each	2899.00	5798.00

S.No.	Particulars of Item	Qty	Unit	Rate	Amount
15	18.4 Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : 18.4.1 White pedestal type	7.00	each	2882.00	20174.00
16	18.13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete: 18.13.1 Flat back half stall urinal of size 460x380x350mm	3.00	each	1776.00	5328.00
18	18.15 Providing and fixing one piece construction white vitreous china squatting plate urinal with an integral rim longitudinal flushing pipe, standard size G.I. flush pipe for back and front flush, C.P. brass coupling complete including cutting and making good the walls and floors etc. wherever required :	3.00	each	2014.00	6042.00
19	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 : 18.17.1 White Size 550x450 mm	12.00	each	1430.00	17160.00
20	18.30 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : 18.28.1 5mm thick mirror	1.00	sqm	2016.00	2016.00
21	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 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer 20.6.1 100 mm dia 20.6.2 150 mm dia	60.00 50.00	meter meter	366.00 771.00	21960.00 38550.00
				Total	Rs 313108.00
				Say RS	313108.00

For : **SPACE & VIEW**

(Signature)

(Deepak Soni)
Architect & Civil Engineer

(Signature)

OFFICE OF THE MUNICIPAL CORPORATION KORBA(c.g.)
THE DEVELOPMENT OF MANORANJAN GRIH BUILDING AT WARD NO 22

ELECTRICAL

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
-------------	------	-----	------	--------

Electrical work

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 modular switch, modular base and cover plate, suitable size G.I. box and earthing the point with same size cable as required.

Short Point[ITEM NO. 3.7(1)]	Point	50.00	278.00	13900.00
Medium Point[ITEM NO. 3.7(2)]	Point	100.00	431.00	43100.00
Long Point[ITEM NO. 3.7(3)]	Point	100.00	595.00	59500.00
Wiring for twin control light point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed 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.[ITEM NO. 3.8]	Point	20.00	417.00	8340.00

Extra for providing and fixing light plug point on board in concealed 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.[ITEM NO. 3.9]

Point	40.00	240.00	9600.00
-------	-------	--------	---------

Wiring for light plug point with 2x2.5 sq mm FR PVC insulated stranded copper conductor cable in concealed PVC conduit along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size cable etc. as required.(3)Long Point[ITEM NO. 3.10(3)]

Point	30.00	988.00	29640.00
-------	-------	--------	----------

Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required./

2 x 2.5 sq. mm[ITEM NO. 5.11(11)]	Metre	250.00	46.50	11625.00
3 x 2.5 sq. mm[ITEM NO. 5.11(12)]	Metre	200.00	64.50	12900.00
3 x 4 sq. mm[ITEM NO. 5.11(20)]	Metre	100.00	91.50	9150.00
4 x 4 sq. mm[ITEM NO. 5.11(21)]	Metre	100.00	118.00	11800.00
1 x 1.5 sq. mm[ITEM NO. 5.11(1)]	Metre	100.00	22.00	2200.00
3 x 6 sq. mm[ITEM NO. 5.11(24)]	Metre	100.00	132.00	13200.00

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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[ITEM NO. 8.17(2)]	Each	20.00	1503.00	30060.00
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[ITEM NO. 8.11(1)]	Each	40.00	635.00	25400.00
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)[ITEM NO. 8.12(2)]	Each	40.00	143.00	5720.00
Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as required.(5)20 Watt[ITEM NO. 8.18(5)]	Each	20.00	233.00	4660.00
Supplying and fixing wall/ floor mounted metal board of welded construction, fabricated with minimum 50mmX 50mm X 6mm angle iron frame work, with horizontal and vertical intermediate members of suitable angle/flat iron for mounting of switch gears including painting etc. as required [ITEM NO. 8.11]	sqm	2.50	2878.00	7195.00
Supplying and fixing wall mounted metal board of welded construction, fabricated with minimum 25 mm X25 mm X 3 mm angle iron frame work, with 20 mm X 3 mm flat iron as intermediate members including painting etc. as required.[ITEM NO. 8.21]	sqm	4.00	1488.00	5952.00
Supplying and fixing metal clad busbar chamber made of 1.6 mm thick CRCA sheet with 4 strip copper busbars of following capacity and length, complete with all accessories, including earthing the body etc. as required.(1)100 amps x 300mm long[ITEM NO. 8.2(1)]	each	10.00	1646.00	16460.00

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made out of not less than 2 mm thick CRCA MS sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc as per specifications including powder coating painting but without busbars, switchgears and other accessories etc complete as required.(Only face area is to be measured)(2)Above 300 mm and upto 450	sqm	4.00	7167.00	28668.00
Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) aluminium bus bars in existing cubicle type compartmentalized wall/ floor mounted panel board along with suitable size and shape insulators, necessary bolts and nuts etc complete as required.(6				
600 amp (80x6mm)[ITEM NO. 9.20(6)]	Metre	1.00	2086.00	2086.00
200 amp (30x5mm)[ITEM NO. 9.20(2)]	Metre	1.00	858.00	858.00
Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.(4)3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA[ITEM NO. 11.1(4)]	each	8.00	3898.00	31184.00
Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board 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)(5)4 way, Double door[ITEM NO. 11.2(5)]	each	8.00	815.00	6520.00
Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board 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)(5)				
6 way Double door[ITEM NO. 11.4(5)]	each	4.00	2131.00	8524.00
8 way Double door[ITEM NO. 11.4(6)]	each	3.00	2664.00	7992.00


DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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.) (4) 4 way (4 + 12), Double door [ITEM NO. ...]	each	2.00	4314.00	8628.00
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 [ITEM NO. 11.10(1)]	each	80.00	154.00	12320.00
Supplying and fixing following rating, 240 volts TWO POLE ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as required. (3) 63 amps [ITEM NO. 11.18(3)]	each	12.00	351.00	4212.00
Supplying and fixing following rating, 415 volts, FOUR POLES, ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as required. (3) 100 amps [ITEM NO. 11.19(3)]	each	6.00	679.00	4074.00
Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing cubicle panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, testing and commissioning etc as required. (Connecting lead if required shall be paid separately) (4)				
125 Amp TP&N [ITEM NO. 12.5(4)]	each	2.00	3876.00	7752.00
320 Amp TP&N [ITEM NO. 12.5(7)]	each	1.00	8246.00	8246.00
Providing and fixing panel mounting 230 volt LED type indicating lamp in existing cubical panel including, connections, testing and commissioning etc. as required. [ITEM NO. 12.171]	each	9.00	89.00	801.00
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. [ITEM NO. 17.8(13)]	meter	100.00	108.00	10800.00
4 x 16 sq. mm. [ITEM NO. 17.8(14)]	meter	50.00	130.00	6500.00
4 x 25 sq. mm. [ITEM NO. 17.8(15)]	meter	30.00	164.00	4920.00

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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 25x3 mm MS flat clamp and steel dash fastener/ G.I. bolts and nuts as required (1)				
3.5 x 50 sq. mm.[ITEM NO. 17.9(1)]	meter	15.00	297.00	4455.00
3.5 x 120 sq. mm.[ITEM NO. 17.9(4)]	meter	20.00	524.00	10480.00
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.[ITEM NO. 32.11	cum	4.00	163.00	652.00
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[ITEM NO. 3.13(2)]	meter	100.00	104.00	10400.00
6 X 2.5 sq. mm in 25mm conduit[ITEM NO. 3.13(3)]	meter	50.00	172.00	8600.00
9 X 2.5 sq. mm in 32mm conduit[ITEM NO. 3.13(4)]	meter	40.00	249.00	9960.00
3 X 4 sq. mm in 25mm conduit[ITEM NO. 3.13(6)]	meter	60.00	141.00	8460.00
3 X 10 sq. mm in 25mm conduit[ITEM NO. 3.13(8)]	meter	40.00	283.00	11320.00
Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as required.(15)				
25/32 amp A.C. Starter switch[ITEM NO. 7.4(15)]	each	10.00	233.00	2330.00
Fan regulator (two module size) electronic stepped type moving all rounds[ITEM NO. 7.4(8)]	each	20.00	203.00	4060.00
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. (but without charcoal or coke and salt) as required.[ITEM NO. 14.1]	set	1.00	2472.00	2472.00
Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as required.[ITEM NO. 14.191	meter	20.00	20.50	410.00

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
26.25 Supply, installation, testing and commissioning of cubicle type wall/ floor mounted power cum control panel 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) DOL starter suitable for 5 HP 3 phase AC induction motor with over load and no volt relay c) 32 A "C" series TPMCB 1 No d) Voltmeter 0-500 V with selector switch 1 set e) Ammeter 0-10 A with CT's and selector	set	1.00	4441.00	4441.00
2 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.				
26.3.2 1.5 HP, single phase	Each	1.00	17633.00	17633.00

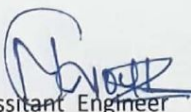
570160.00

For : **SPACE & VIEW**



(Deepak Soni)
Architect & Civil Engineer

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


 Assitant Engineer
Municipal Corporation
Korba (C.G.)

Executuve Engineer
Municipal Corporation Korba (C.G.)