

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

फा.सं. निर्माण / 2019

18233

सिस्टम टेन्डर नं. 50048
ई-निविदा आमंत्रण सूचना

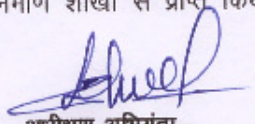
कोरबा, दिनांक 26/02/2019

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 एवं (विद्युत) दिनांक 01.08.2014 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु ऑनलाईन ई-निविदा आमंत्रित की जाती है :-

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रु में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	डी 1 बंगला अंतर्गत कान्फेन्स रूम एवं मिटिंग हॉल का निर्माण कार्य	77.97	58500/-	06 माह	वर्ग डी एवं प्रवर श्रेणी	23.03.2019 से

शर्त:-

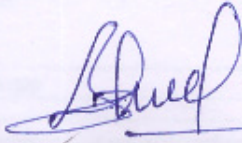
- निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
- जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
- इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार के किये गये कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र/पैन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
- सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
- जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
- निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में वैध शपथपत्र देना अनिवार्य होगा।
- निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1998 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 फ्लाइ 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 डिपोजिट 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।


अधीक्षक अभियन्ता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

18

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		26.02.19	18.00	26.02.19	18.00	Release Tender
2		Bid Submission	26.02.19	18.00	22.03.19	17.30	
3	Tender Open		23.03.19	10.30	--	--	


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

HA

OFFICE OF THE MUNICIPAL CORPORATION KORBA(c.g.)**ABSTRACT****Name of Work :** CONSTRUCTION OF CONFERENCE ROOM AND MEETING HALL IN D1 BANGLOW AT KORBA (C.G.)**As per SOR :** SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015/PWD ELECTRICAL-01.08.2015]**Ground Floor + First Floor**

S.NO.		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A. CIVIL WORK						
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.				
	1.1.1	1.1.1 In all types of soil	CUM	442.34	185.00	81831.98
	1.6.1	Extra for every additional lift of 1.5 m or part thereof. 1.6.1 All types of soils	CUM	107.61	33.00	3550.97
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.	CUM	150.00	371.00	55650.00
3	3.1.3	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.	CUM	94.99	2970.00	282120.30
	1.3.6	(1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).				
4	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:				
	2.1.1	a)Foundations, footings, base of columns and plinth beam in any shape and size.	Sqm	614.23	139.00	85377.97
	2.1.6	Columns, beams & walls- circular or any other geometrical shape other than square and rectangular in all sizes	Sqm	425.70	356.00	151549.20
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	Sqm	637.67	235.00	149852.45
	2.1.8	Beams, lintels, cantilevers & walls	Sqm	253.53	202.00	51213.06
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.				
	3.2.1	1:1:1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20mm nominal size).	Cum	326.36	4163.00	1358636.68
6	3.4	Extra for laying PCC/RCC of any grade in Superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	Cum	222.48	97.50	21691.65

S.NO.		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7	3.12	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:	Kgs	44058.60	54.50	2401193.70
	3.12.2	Thermo-Mechanically treated bars FE 500D				
8	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.	CUM	546.96	65.00	35487.53
9	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:				
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	Sqm	526.22	235.00	123661.70
	2.1.15	Stair cases of all types excluding spiral and folded plate type, including risers and landings	Sqm	11.64	230.00	2677.20
	2.1.8	Beams, lintels, cantilevers & walls	Sqm	546.18	202.00	110327.35
	2.1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	Sqm	154.20	297.00	45797.40
	2.1.2	Wall of any thickness including attached pilasters, buttresses etc. in super structure.	Sqm	30.72	228.00	7004.16
10	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	128.66	3350.00	431011.00
	7.6	extra for brick work in superstructure: Above plinth and upto floor five level.	CUM	53.58	121.00	6483.18
11	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing 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).				
	9.47.1	For fixed portion	kgs	139.20	331.00	46075.20
	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	139.20	338.00	47049.60
12		Glazing Work				

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item)				
9.51.3	With float glass panes of 6 mm thickness	sqm	69.52	804.00	55894.08
9.59	Extra for providing and fixing reflective glass panes in aluminium door, window, ventilator shutters and partitions instead of float glass.				
9.59.3	6 mm thickness	sqm	69.52	353.00	24540.56
13	10.61 Providing and fixing at all height false ceiling consisting of frame work "W" / "U" / "L" sections made of G.I. sheet with zinc coating of grade 120 consisting of angle cleats of size 25mm wide x 1.6mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one flange fixed to the ceiling with dash fastener 12.5mm dia x 40mm long with 6mm dia bolts to the angle hangers of 25x25x0.55mm of required length, and other end of angle hanger being fixed with nut and bolts to G.I. channels 5x15x0.9mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick button wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64 mm dia x 230mm long G.I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.55mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the board with recommended filler, jointing tapes, finisher and two coats of primer suitable for board as per manufactures specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed including providing and fixing 12.5 mm thick tapered edge gypsum board conforming to IS: 2095- Part-I all complete as per drawing and specification and direction of the Engineer in Charge but excluding the cost of painting.				
		sqm	0.00	658.00	0.00
14	11.1 Providing and making 6mm thick cement plaster of mix:				
	11.1.1 In Cement mortar 1:3 (1 cement : 3 fine sand)	Sqm	727.82	93.00	67687.26
15	11.2 Providing and making 12mm thick cement plaster of mix:				
	11.2.1 In cement Mortar 1:3 (1 cement : 3 fine sand)	Sqm	484.43	115.00	55709.45
16	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:				
	3.1 In cement Mortar 1:3 (1 cement : 3 fine sand)	Sqm	257.20	134.00	34464.80
17	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.				
	12.13.2 Size 800x800mm	Sqm	265.60	1346.00	357497.60
18	Granite Work				

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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).				
12.46.3	Granite stone lakha red/ shahi red	sqm	64.75	4273.00	276676.75
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.				
13.6.3	Granite stone lakha red/ shahi red	Sqm	9.40	4766.00	44800.40
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.				
13.17.3	Granite stone lakha red/ shahi red	sqm	8.50	4410.00	37485.00
13.20	Extra for fixing marble /granite stone in facia and drops of width upto 150mm with epoxy resin based adhesive instead of cement mortar including cleaning etc. complete.	Meter	10.00	257.00	2570.00
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	9.80	253.00	2479.40
19	14.9 Distempering with acrylic washable distemper to give an even shade.				
14.9.1	On new work (Two or more coats)	Sqm	1723.27	38.00	65484.07
20	14.11 Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.				
14.11.1	On new work (two or more coats)	Sqm	1983.00	52.50	104107.50
21	14.14 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	1723.27	41.00	70654.07
22	14.16 Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:				

S.NO.		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	14.16.1	On new work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	Sqm	684.35	74.50	50984.08
23	14.22	Painting on new work (two or more coats) to give an even shade with:				
	22.2	Premium synthetic enamel paint	Sqm	186.03	47.00	8743.41
24	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.	Sqm	1539.99	94.50	145529.06
25	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 of red oxide zinc chromate primer.	Kg	922.25	67.50	62251.88
26	9.2	Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	Kg	85.95	66.00	5672.70
27	12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.				
	12.7.2	Size above 200x300mm	Sqm	122.00	646.00	78812.00
28	8.13	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.				
	8.13.2	35 mm. thick (single leaf)	Sqm	19.00	1370.00	26030.00
29	8.15	Extra for double leaf shutter instead of single leaf.	Sqm	19.00	52.00	988.00
30	8.60	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete				
	60.1	300x16mm	Nos	20.00	475.00	9500.00
31	8.62	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:				
	8.62.1	250x10mm	Nos	11.00	276.00	3036.00
32	8.65	Providing and fixing bright finished brass door handles with brass polished MS screws complete:				
	8.65.1	125 mm	Nos	20.00	55.50	1110.00
33	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:				
	8.58.1	125x85x5.50 mm (Heavy Type)	Nos	46.00	245.00	11270.00

S.NO.	DESCRIPTION			UNIT	QTY	RATE	AMOUNT
34	9.57	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	131.20	525.00	68880.00	
Total A =							7171100.33

B. WATER SUPPLY							
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.	metre	50.00	133.00	6650.00	
	19.5.2	20 mm nominal outer dia .Pipes.	metre	75.00	167.00	12525.00	
	19.5.3	25 mm nominal outer dia .Pipes.	metre	50.00	213.00	10650.00	
	19.5.4	32 mm nominal outer dia .Pipes.	metre	200.00	284.00	56800.00	
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.	metre	30.00	228.00	6840.00	
	19.6.5	40 mm nominal outer dia .Pipes.	metre	30.00	300.00	9000.00	
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)	each	5.00	382.00	1910.00	
	19.14.3	Long body bib cock (500gms)	each	4.00	426.00	1704.00	
	19.14.4	Pillar Cock (400 grams)	each	5.00	398.00	1990.00	
	19.14.7	Angle valve for basin mixer and geyser points (450 grams)	each	15.00	382.00	5730.00	
	19.14.19	Health foscet (hand jet) with flexible connection pipe (for WC)	each	4.00	774.00	3096.00	
	19.14.12	Bottle trap set with extension pipes	each	5.00	473.00	2365.00	
	19.14.13	Toilet paper holder	each	2.00	248.00	496.00	
	19.14.14	Soap dish plate	each	2.00	163.00	326.00	
	19.14.16	Towel rail (600mm long x 20mm dia)	each	2.00	338.00	676.00	
	19.15	Providing and fixing stainless steel drain jali of approved make/quality.	each	20.00	51.00	1020.00	
4	19.18	Providing and fixing gun metal non- return valve (horizontal type) of approved quality (screwed end) :					
	19.18.2	32 mm nominal bore	each	4.00	556.00	2224.00	
	19.18.3	40 mm nominal bore	each	4.00	688.00	2752.00	

S.NO.		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	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.	Litre	5000.00	7.30	36500.00
6	19.43	Cutting holes upto 30x30 cm in walls including making good the same :	each	10.00	125.00	1250.00
7	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.	each	10.00	94.00	940.00
8	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 :	Each	10.00	754.00	7540.00
9	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 :	Each	10.00	4644.00	46440.00
10	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.	meter	20.00	182.00	3640.00
	18.76.2	110 mm dia pipe.	meter	50.00	267.00	13350.00
11	18.77	18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.				
	18.77.1	18.77.1 Tee/ Tee with door/ Bend 45°/ Bend 90°				
	18.77.1.1	18.77.1.1 75 mm	each	10.00	113.00	1130.00

S.NO.	DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	18.77.1.2	18.77.1.2 110 mm				
	18.77	18.77.5 "P" trap 110mmx110mm long	each	10.00	154.00	1540.00
	18.77	18.77.6 Nahani trap 110x75mm	each	8.00	227.00	1816.00
			each	10.00	90.50	905.00
12	18.76	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	18.76.1 75 mm	each	40.00	57.00	2280.00
	18.76.2	18.76.2 110 mm	each	40.00	61.00	2440.00
13	18.1	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	18.1.3 White Orissa pattern W.C. pan of size 580x440 mm	each	2.00	2899.00	5798.00
14	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	each	2.00	2882.00	5764.00
15	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	each	6.00	1776.00	10656.00
16	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 :	each	2.00	2014.00	4028.00
17	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 Size550x450 mm	each	8.00	1430.00	11440.00
18	18.3	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	sqm	1.00	2016.00	2016.00
				Total B =		286227.00
C. Electrical Work						

S.NO.		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	3.1	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed pvc conduit, with 5 amp piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with same size cable etc as required.				
	3.1.1	Short Point	Point	10.00	192.00	1920.00
	3.1.2	Medium Point	Point	10.00	339.00	3390.00
	3.1.3	Long Point	Point	10.00	467.00	4670.00
2	3.3	Extra for providing and fixing light plug point on board in concealed 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.	Point	10.00	66.00	660.00
3	3.4	Wiring for light plug point with 2x2.5 sq mm FR PVC insulated stranded copper conductor cable in concealed pvcconduit along with piano type 6 amp switch and 3 pin 6 amps socket outlet with suitable size M.S. box, phenolic laminated sheet, earthing the switch box and socket outlet with same size cable etc. as required.				
	3.4.1	Short Point	Point	3.00	272.00	816.00
	3.4.2	Medium Point	Point	3.00	501.00	1503.00
	3.4.3	Long Point	Point	3.00	761.00	2283.00
4	3.5	Wiring for power plug point with 2x4 sq mm FR PVC insulated stranded copper conductor cable in concealed PVC conduit along with piano type 16 amp switch and 6 pin 16 amps socket outlet with suitable size M.S. box, phenolic laminated sheet, earthing the switch box and socket outlet with same size cable etc. as required.				
	3.5.1	Short Point	Point	4.00	396.00	1584.00
	3.5.2	Medium Point	Point	4.00	709.00	2836.00
	3.5.3	Long Point	Point	4.00	1086.00	4344.00
5	3.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed PVC conduit as required.				
	3.13.1	3 X 1.5 sq. mm in 20mm conduit	Meter	1000.00	72.00	72000.00
	3.13.2	3 X 2.5 sq. mm in 20mm conduit	Meter	500.00	91.00	45500.00
6	6.1	Supplying and fixing metal box of following sizes (nominal size) in recess with suitable size phenolic laminated sheet cover in front including painting etc as required.				
	6.1.1	75 mm X 75 mm X 60 mm deep	Each	5.00	45.00	225.00
	6.1.2	100 mm X 100 mm X 60 mm deep	Each	10.00	53.00	530.00
	6.1.3	150 mm X 75 mm X 60 mm deep	Each	5.00	56.00	280.00
	6.1.4	150 mm X 150 mm X 60 mm deep	Each	5.00	73.00	365.00
	6.1.5	180 mm X 100 mm X 60 mm deep	Each	10.00	67.00	670.00
	6.1.6	200 mm X 125 mm X 60 mm deep	Each	20.00	81.00	1620.00
7	7.13	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts A.C. supply, complete as required.				
	7.13.2	Deluxe	Each	2.00	141.00	282.00

S.NO.		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
9	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.				
	8.22.2	5 Watt	Each	30.00	648.00	19440.00
	8.22.5	12 Watt	Each	50.00	1420.00	71000.00
11	9.2	Supplying and fixing wall mounted metal board of welded construction, fabricated with minimum 35 mm X 35 mm X 6 mm angle iron frame work, with 25 mm X 6 mm flat iron as intermediate members including painting etc. as required.				
			sqm	2.00	1953.00	3906.00
12	11.5	Supplying and fixing on surface/ recess vertical type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, with 200 amps tinned copper busbar, common neutral link, earth bar, din bar, detachable gland/ knock out plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator) (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
	11.5.1	4 way (4 + 12), Single door	Each	2.00	2914.00	5828.00
13	11.16	Supplying and fixing TP&N MCB, 440 volts, 'B' series, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	11.16.2	6 amps to 32 amps	Each	6.00	850.00	5100.00
16	14.2	Earthing with G.I. earth pipe 4.5 mtr 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.	Set	2.00	2093.00	4186.00
17	14.19	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.				
			meter	300.00	13.00	3900.00
18	17.1	Supplying and laying following sizes one number PVC insulated, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	17.1.13	3.5 x 50 sq. mm.	meter	200.00	325.00	65000.00
19	8.1	Supplying, installation, testing and commissioning of following sizes ceiling fan with resistance type regulator, including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required.				
	8.1.3	1400 mm sweep	each	10.00	1570.00	15700.00
Total C =						339738.00

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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A	A. CIVIL WORK	RS			7171100.33
B	B. WATER SUPPLY WORK	RS			286227.00
C	C. ELECTRICAL WORK	RS			339738.00
TOTAL AMMOUNT -		RS			7797065.33
TOTAL AMMOUNT SAY		RS			7797100.00
In Word : Seventy Seven Lakh Nientee Seven Thousand One Hundred Only					


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


 A. Engg.
 Municipal Corporation
 Korba (C.G.)

Exe. Engg.
 Municipal Corporation
 Korba (C.G.)

