

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

कोसाबाडी जोन

फा.क. / 8608 / 8617 / कोसाबाडी जोन / 2020

कोरबा, दिनांक 04.11.2020

निविदा आमंत्रण की सूचना

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्युल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु मैन्युअल निविदा वेबसाईट से डाउनलोड कर त्रि-लिफाफा पद्धति माध्यम से आमंत्रित की जाती है :--

निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने अंतिम तिथि - 26.11.2020 सायंकाल 3:00 बजे तक

निविदा खुलने की अंतिम तिथि

26.11.2020 सायंकाल 4:30 बजे तक

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रू में	निविदा प्रपत्र का मूल्य	निविदा प्रपत्र	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क्र. 23 कृष्णा नगर डिवाईन सेंटर के पास मूत्रालय एवं शौचालय का निर्माण कार्य। (महापौर मद 2020–21)	4,00,000/-	4,000/-	750/-	Form-A	03 माह	सक्षम श्रेणी	26.11.2020
2	वार्ड क्र. 57 सुराकछार बाजार के पास सुविधायुक्त शौचालय एवं मूत्रालय का निर्माण कार्य। (महापौर मद 2020–21)	7,00,000/-	5,250/-	750/-	Form-A	03 माह	सक्षम श्रेणी	26.11.2020

निविदा की शर्ते:-

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. निविदा के दस्तावेज हाथो-हाथ न लिया जाकर रजिस्टर्ड पोस्ट अथवा स्पीड पोस्ट से प्राप्त किया जावेगा। अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक इत्यादि से प्राप्त अथवा समयावधि के पश्चात् प्राप्त निविदाओं पर विचार नहीं किया जावेगा। निविदा आयुक्त, नगर पालिक निगम, कोरबा आई.टी.आई. कॉलोनी रामपुर, कोसाबाड़ी जिला-कोरबा (छ.ग.) पिन नं.-495677 के पते पर भेजना होगा। निर्धारित तिथि को सायं 3:00 के पश्चात् प्राप्त निविदाएँ स्वीकार नहीं किए जावेंगे।

निविदा प्रपन्न नगर पालिक निगम, कोरबा के वेबसाईट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपत्र Form - A/B/ABC (जारी दिनॉक तक समस्त संशोधनों के साथ) निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।

निविदा प्रपत्र त्रि-लिफाफा पद्धति से मान्य किया जावेगा जो निम्नानुसार होगाः-

प्रथम लिफाफा में ठेकेदार का जीवित पंजीयन प्रमाण पत्र, आयकर चुकता प्रमाण पत्र, निविदा सूचना आमंत्रण में उल्लेखित अन्य दस्तावेज के साथ निर्धारित प्रपत्र शुल्क का डीडी एवं अमानत राशि का टी.डी.आर./एफ.डी.आर. जो कि आयुक्त, नगर पालिक निगम कोरबा के नाम पर देय होगा प्रस्तुत करना होगा।

द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।

तृतीय लिफाफा में उपरोक्त दोनो लिफाफाएँ होगी तथा आवश्यकता पड़ने पर मूल अभिलेख प्रस्तुत करना होगा। 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 विरूद्ध कार्य किया गया हो उन्हे निविदा भरने की पात्रता नहीं होगी।

निविदा प्रपत्र प्राप्त करने हेतु इच्छुक ठेकेदारों को आवेदन पत्र के साथ उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार की किए गए कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकरी पिछले वित्तीय वर्ष का आय चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. पंजीयन एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निर्धि संगठन, कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण सूचना (एनआईटी) हस्ताक्षरयुक्त एवं निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कंडिका क. 04 के लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।

7. कीर्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना कमींक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना होगा।

निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लेवें ताकि प्रारंभ करने में किसी प्रकार की कठिनाई न हो।

निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग

10. निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शूल्क, अमानत राशि, निविदा आमंत्रण सूचना पत्र में उल्लेखित दस्तावेज सही पाए जाने पर ही निविदा दर संबंधी लिफाफा खोला जावेगा अन्यथा निविदा निरस्त कर दी जावेगी।

11. ठेकेदार को अपनी दरें शब्दों एवं अंको में लिखना अनिवार्य होगा।

12. शासन के विभिन्न विभागों जैसे:— खजिन विभाग, श्रम विभाग, समाज कल्याण विभाग इत्यादि विभागों द्वारा समय—समय पर जारी निर्देशों / आदेशों के पालन की समस्त जिम्मेदारी संबंधित ठेकेदार की होगी।

13. ठेकेदार यदि कार्य को अपूर्ण स्थिति में छोड़ता है तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान

के अंतर्गत कार्यवाही की जावेगी।

14. कार्य प्रारंभ नहीं करने अथवा अपूर्ण स्थिति में छोड़ने पर निगम द्वारा ठेकेदार के विरूद्ध तत् समय में एम.आई. सी. द्वारा स्वीकृत प्रस्ताव के अधीन कार्यवाही की जावेगी जिसकी संपूर्ण जवाबदारी ठेकेदार की होगी।

15. सफल निविदा दाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी जबकि निविदा की दरों में काफी कमी हो जैसे निविदादाता को निविदा दर एवं अनुमानित लागत से 10 प्रतिशत से अधिक निविदा दर होने पर सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर. / टी.डी.आर. ऑफिरा, टाईम डिपॉजिट अथवा एन.एस. सी. जो कि आयुक्त नगर पालिक निगम कोरबा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।

16. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रिनंग देयको के साथ 01 वर्ष हेतु साथ ही 05 प्रतिशत पृथक से

03 वर्ष की गारटी के लिये परफार्मेंस सिक्यूरिटी के रूप में रोकी जावेगी।

17. निविदा में भाग लेने वाले ठेकेदारों को छ.गे. भवन और अन्य सिन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।

18. 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 मूल प्रति में वैध शपथपत्र कंडिका क. 04 के प्रथम लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।

19. ईट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। 20. निविदा प्रपत्र अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा।

- 21. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त के द्वारा अधीनस्थ अधिकारियों का निर्णय अंतिम एवं सर्वमान्य होगा।
- 22. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार नगर पालिक निगम के पास सरक्षित रहेगा। 23. निविदा खुलनें की तिथि में अवकाश होने पर आगामी तिथि को निविदा संबंधी कार्यवाही मानी जावेगी।

नोट:-

1. अमानत राशि के रूप में एफ.डी.आर. / टी.डी.आर. अथवा नगद जमा रसीद पृथक से लिफाफे में रवीकार किए जावेंगे आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो।

2. उपरोक्त तिथियों में किसी भी तिथि को शासकीय / स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्धारित

तिथि समयएवं स्थान माना जावे।

कार्यपालन अमियंता (ठेकेदार के हस्ताक्षर) नगर पालिक निगम कोरबा (छ.ग.)

मोबाईल नं.-

पूर्ण पता

OFFICE OF THE MUNCIPAL CORPORATION, KORBA(C.G.) DETAILED ESTIMATE

Construction of Suvidha Yukt Toilet and Urinal Near Surakachar Bazar at Ward No. - 57, Bharotal

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

S. N.	SOR Ref.	ITEM DESCRIPTION	NO	L	В	D/H	QTY	UNIT	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.		52						
	1	In all types of soil								
			9	1.20	1.20	1.40	18.14			
			3	4.00	0.60	0.80	5.76			
			3	2.10	0.60	0.80	3.02			
			1	3.30	2.50	2.50	20.63		185.00	8796.75
						Total=	47.55	Cum	100.00	0/30.73
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.								
			9	1.20	1.20	0.10	1.30			
			4	2.60	1.40	0.30	4.37			
			2	3.00	1.50	0.30	2.70			
			1	12.00	0.40	0.10	0.48			
						Total=	8.84	Cum	371.00	3279.64
3		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.				0.30				
		3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
	-		9	1.20	1.20	0.10				
			3		_		_	_		
			3	_				_		
			4	2.60						
			2	3.00			Control of the last of the last of	_		
			2		_		_	_		
			3	2.00	-	The second second second	-	-		
	-		-	12.00	0.40	Total=	_	_	2970.00	19334.70
-	4 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							

W.									
The second	Foundations, footings, bases of columns								
	plinth beam, curtain wall in any shape and								
	size and all type of wall below plinth level.								
		9x4	0.60		0.60	12.96			
		9x2	0.30		0.90	the state of the s			
Series de		9x2	0.20		0.90				
		3x2	6.60		0.30	11.88			
		3x2	1.50	-	0.30				
		3x2	2.60	-	0.30 Total=		Sqm	139.00	5604.48
					Total-	40.32	Sqiii	139.00	3004.40
	Columns, Pillars, Piers and likes-					4			
	rectangular or square in shape								
		9x2	0.30		3.00	16.20			
		9x2	0.20		3.00			207.00	1011 1
					Total=	16.20	sqm	297.00	4811.4
7	Suspended floors, roofs, access platform,								
	balconies (plain surfaces) and shelves (cast in situ)		1						
		1	6.90	5.00		34.50			
		2	6.90		0.27	3.73			
	Part of the second seco	2	4.70		0.27	2.54			
	Electrical designation of the control of the contro				Total=	38.23	sqm	235.00	8983.1
8	Beams, lintels, cantilevers & walls							1000	
		3x2	6.60		0.30	11.88			
		3x2	1.50		0.30	2.70			
		3x2	2.60		0.30	4.68			
					Total=	19.26	sqm	202.00	3890.52
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	1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded stone aggregate 20mm nominal size).				013				
	J	9	1.20	1.20	0.30	3.89			
		9	0.60	0.60	0.60				
		9	0.30	0.20	3.90				
	W	3	6.60	0.20	0.30				
	¥.	3	2.60	0.20	0.30				
		3	1.50	0.20	0.30				
		3	6.60	0.20	0.30	1.19			
		3	2.60	0.20	0.30				
		3	1.50	0.20	0.30				
		1	6.90	5.00	0.12	THE RESERVE OF THE PERSON NAMED IN			
					Total=				66316.5
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:				1000	1593.00	kg	54.50	86818.5
-	1 Thermo-Mechanically treated bars FE 415								
	Thomas woonanionly treated bars i L 410								

100	3	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depthconsolidating each deposited layer by ramming and watering with a leadupto 50 M. and lift upto 1.5 M.					47.550	Cum	65.00	3090.78
		Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	3	Cement Mortar 1:5 (1 cement : 5 coarse								
_		sand)		F 70	0.00	0.00	4.00			
-			3	5.70 4.10	0.30	0.90	4.62 3.32			
			3	5.70	0.20	3.00				
			3	4.10	0.20	3.00	7.38			
-			2	2.60	0.20	3.30				
			2	3.10	0.30	2.80				
			2	2.00	0.30	2.80	3.36			
			1	2.00	0.20	2.80	1.12		100	74,67
			4	0.90	0.20	1.20	0.86			
		DEDUCT: DOOR	6	0.80	0.20	2.10	-2.02			
		VENTILATOR	6	0.60	0.20	0.45	-0.32			
						Total=		Cum	3350.00	124687.0
	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:					21.072	Cum	121.00	2549.7
	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.								
	5	1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded stone aggregate 20mm nominal size).								
			2	7.80	0.90	0.15	2.11			
			2	4.70		0.15				
						Total=	3.38	Cum	4073.00	13766.7
	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.								
-	1	Size 300x300mm								
			4	2.60			14.56			
			2	3.00	1.50		9.00			
1						Total=	23.56	sqm	692.00	16303.5

		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							
L		pigment complete.							
L	2	Size above 200x300mm							
L			4	3.00	2.10	25.20			
1			4	1.50	2.10	12.60			
-			8	2.60	2.10	43.68			
1			8	1.40	2.10	23.52			
L		DEDUCT: DOOR	6	0.80	2.10	-10.08			
					Total=	94.92	sqm	646.00	61318.3
3	9.6	Steel work welded in built up sections/							
		framed work including cutting, hoisting,							
1		fixing in position and applying a priming							
-	-	coat of red oxide zinc chromate primer.				407.00	16	00.00	7007.0
	2	In gratings, frames, guard bar, ladder,				107.90	Kg	68.00	7337.2
		railings, brackets, gates and similar							
4	8 152	works. Providing and fixing 30mm thick factory made panel	-						
	0.132	PVC door shutter consisting of frame made out of							
		M.S. tubes of 19 gauge thickness and size of 19mm x			3.25	100			
		19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of			Total	65.00			
		approved make andmanufacture. M.S. frame covered				100			
		with 5mm thick heat moulded PVC 'C' channel of size							
		30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45degree							
1		angle on either side forming styles; and 5mm thick,				7575			
		95mm wide PVC sheet out of which 75mm shall be							
		flat and 20mm shall be tapered in 45 degree on the							
		inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and							
1		20mm shall be tapered on both sides to form lock rail.				- 210		100	
1		Top, bottom and lock rails shall be provided either side							
		of the panel. 10mm (5mm x 2) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail							
1		& bottom rail. paneling of 5mm thick both side PVC							
		sheet to be fitted in the M.S. frame welded/ sealed to			-			-	
		the styles & rails with 7mm (5mm+2mm)thick x 15mm wide PVC sheet beading on inner side, and joined							
1		together with solvent cement adhesive. An additional							
		5mm thick PVC strip of 20mm width is to be stuck on							
		the interior side of the 'C' Channel using PVC solvent							
		adhesive etc. complete as per Manufacturer's specification including 3 nos ISI marked stainless steel		1		12.00		55.53	
1		hinges of size 100x58x1.9 mm complete. (for W.C.							
1		and bathroom door shutter).							
		Passing and horse be in the special areas						245 100	
		tott minges with brake palaties \$49.							
		Charles and Charles by the							
L									
	2	Both side Pre-laminated panel PVC door							
L		shutter							
			6	0.80	2.10	10.08		00000	005/05
_					Total=	10.08	sqm	2832.00	28546.56

-			-	9-1-						
4	2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
-		Saliu)	4	2.60	1.40		14.56			
1			2	3.00	1.50		9.00	-		
-			4	3.00	1.50	Total=	23.56	cam	87.00	2049.7
-	44.0	Date and relies 40 and thick contact	-		-	Total-	23.50	sqm	07.00	2049.7
6		Providing and making 12mm thick cement plaster of mix								
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
1			8	2.60		3.00	62.40			
			8	1.40		3.00	33.60			
			4	3.00		3.00	36.00			
			4	1.50		3.10	18.60			
L		DEDUCT: DOOR	6	0.80		2.10	-10.08			
L		VENTILATOR	8	0.60		0.45	-2.16		21.50	
						Total=	138.36	sqm	91.50	12659.9
7	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
1			2	6.60		3.90	51.48			
1			2	4.70		3.90	36.66			
1		DEDUCT: DOOR	2	0.80		2.10	-3.36			
1		VENTILATOR	8	0.60	-	0.45	-2.16			
1		VENTILATOR	9	0.00		Total=	82.62	sqm	107.00	8840.
3	14.0	Distempering with acrylic washable	-	-	-	TOTAL-	161.92	sqm	38.00	6152.
		distemper to give an even shade.					101.52	Sqiii	30.00	0102.
		On new work (Two or more coats)								1
9	14.14	Finishing walls with water proofing cement paint of required shade to give an even shade.					82.62	sqm	41.00	3387.
r	1	On new work (Two or more coats)								
0	8.60	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete:					12.00	each	475.00	5700.
+	1	300x16mm								
1	8.62	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:					12.00	each	276.00	3312.
1	- 4	250x10mm	-	-						
+			-		-		12.00	each	55.50	666.
2	6.63	Providing and fixing bright finished brass door handles with brass polished MS screws complete:					12.00	eacri	55.50	000.
		125 mm								
3	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:					12.00	each	245.00	2940.0
1	1	125x85x5.50 mm (Heavy Type)								
24	14.1	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete								
	2	More than 2 mm thickness to make surface even and smooth in true plumb and line and level.					244.54	sqm	93.50	22864.

			700				
	19.5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, 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 complete as per direction of Engineer in Charge.CONCEALED WORK including cutting chases and making good the walls etc.,					
1	2	20 mm nominal outer dia .Pipes.		9.00	metre	167.00	1503.00
1	3	25 mm nominal outer dia .Pipes.		18.00	metre	168.00	3024.00
26	19.9	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:				57.14	54.00
	1	15 mm dia. nominal bore		12.00	metre	149.00	1788.00
	3	25 mm dia. nominal bore		18.00	metre	222.00	3996.00
27	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:					
	1	Bib cock (400 grams)		12.00	each	382.00	4584.00
	3	Long body bib cock (500 grams)		6.00	each	426.00	2556.00
	6	Stop cock (concealed) (600 grams)		12.00	each	494.00	5928.00
	16	Towel rail (600mm long x 20mm dia)		6.00	each	338.00	2028.00
28	19.15	Providing and fixing stainless steel drain jali of approved make/quality.		9.00	each	51.00	459.00
29		Providing and fixing gun metal non- return valve (horizontal type) of approved quality (screwed end):					
	1	25 mm nominal bore		4.00	each	413.00	1652.00
30	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.		1000.00	litre	7.30	7300.00
31	19.43	Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the same :		14.00	each	125.00	1750.00
32	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.		14.00	each	94.00	1316.00

18	18.76	Providing and fixing on wall face UV		-	- 1				
		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.							
-		75 mm dia pipe.	2	6.00		12.00		182.00	2184.00
34	-	110 mm dia pipe.	2	9.00		18.00	metre	267.00	4806.00
34	10.70	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.				*		330 60	
	1	75 mm				18.00	each	57.00	1026.00
	2	110 mm				12.00	each	61.00	732.00
35		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:				2.00	each	2899.00	5798.00
	3	White Orissa pattern W.C. pan of size 580x440 mm				=00		1689	
36	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:				2.00	each	2882.00	5764.00
	1	White pedestal type							
37	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:				2.00	each	1430.00	2860.00
	1	White Size 550x450 mm							
38		Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				6.00	each	68.50	411.00

glass (of approved quality) and of required shape and size with plastic plaulided frame of approved make and shade with 6 mm thick hard board backing 1 Smm thick mirror 40 19-10 Making connection of G.I. distribution 19-10 Making connection 19-10 Making connection 19-10 Making 19-10 Ma					-1-0						
19.10 Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete. (dia of main line to be measured) 1 25 mm nominal bore 1 19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end): 1 25 mm nominal bore 1 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required: 1 White Size 550x450 mm 1 In 18.13 Providing and fixing white vitreous china unial basin with waste fitting as per IS: 2556, and other couplings in C.P. brass complete: 2 Flat back type urinal of size 460x380x250mm 3 Wall corner type urinal of sizes 340x410x265mm As per SCR-Schedule of rates public works department(PWD ELECTRICAL -01-10-2015) 3.1 Wiring for light/ fan/ exhaust fan / call beli point with 1.5 sgmm 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 3.1.2 Medium Point 5 3.1.3 Long Point 5 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.		18.30	glass (of approved quality) and of required shape and size with plastic injoulded frame of approved make and					0.64	Sqm	2016.00	1290.24
branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured) 1 25 mm nominal bore 1 19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end): 1 25 mm nominal bore 1 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required: 1 White Size 550x450 mm 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: 2 Flat back type urinal of size 460x380x250mm 3 Wall corner type urinal of sizes 340x410x265mm As per SOR:Schedule of rates public works department(PWD ELECTRICAL -01-10-2015) 4 3.1 Wining for lighty far/ 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 plano 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 3.1.2 Medium Point 3.1.3 Long Point 4.00 Point in the providing and fixing light plug point on board in concealed PVC conduit, point wiring with plano type 3 pin 5 amp socket outlet and 5 amp switch including cost of phenolic laminated sheet and M.S. box etc. as required.		1	5mm thick mirror					MA			
19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end): 125 mm nominal bore 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, outling and making good the walls wherever required: 1 White Size 550x450 mm 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: 2 Flat back type urinal of size 460x380x250mm 3 Wall corner type urinal of sizes 340x410x265mm As per SOR:Schedule of rates public works department(PWD ELECTRICAL -01-10-2015) 4 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 3.1.2 Medium Point 3.1.3 Long Point 4.00 Point individual concealed PVC conduit point 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.	40	19.10	branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia					9.00	each	200.00	1800.00
valve with C.I. wheel of approved quality (screwed end): 1 25 mm nominal bore 12 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required: 1 White Size 550x450 mm 13 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: 2 Flat back type urinal of size 460x380x250mm 3 Wall corner type urinal of sizes 340x410x265mm As per SOR:Schedule of rates public works department[PWD ELECTRICAL -01-10-2015] 4 3.1 Wiring for light fan/ exhaust fan / call belf 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 3.1.2 Medium Point 3.1.3 Long Point 5 3.3 Extra for providing and fixing light plug point on board in concealed PVC conduit with same size required.etc. as required. 6 3.13 Wiring for circuit/ sub main wiring along with		_									
12 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required: 1 White Size 550x450 mm 13 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: 2 Flat back type urinal of size 460x380x250mm 3 Wall corner type urinal of sizes 340x410x265mm As per SOR:Schedule of rates public works department[PWD ELECTRICAL -01-10-2015] 4 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 9.00 Point 1.00 Po	41		valve with C.I. wheel of approved quality (screwed end):					4.00	each	436.00	1744.00
basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required: 1 White Size 550x450 mm 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: 2 Flat back type urinal of size 460x380x250mm 3 Wall corner type urinal of sizes 3.00 each 16 340x410x265mm As per SOR:Schedule of rates public works department[PWD ELECTRICAL -01-10-2015] 4 3.1 Wiring for light/ fan/ exhaust fan / call belf 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 3.1.2 Medium Point 3.1.3 Long Point 4.00 Point 11.00 Point 15 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.		1	25 mm nominal bore								
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: 2 Flat back type urinal of size 460x380x250mm 3 Wall corner type urinal of sizes 3.00 each 16 340x410x265mm As per SOR:Schedule of rates public works department[PWD ELECTRICAL -01-10-2015] 4 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 9.00 Point 1.00 Po	42	18.17	basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making					6.00	each	1430.00	8580.00
urinal basin with waste fitting as per IS: 2556, and other couplings in C.P. brass complete: 2 Flat back type urinal of size 460x380x250mm 3 Wall corner type urinal of sizes 340x410x265mm As per SOR:Schedule of rates public works department[PWD ELECTRICAL -01-10-2015] 4 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 9.00 Point 3.1.2 Medium Point 3.1.3 Long Point 4.00 Point 5 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.	1	1	White Size 550x450 mm								
460x380x250mm 3 Wall corner type urinal of sizes 340x410x265mm As per SOR:Schedule of rates public works department[PWD ELECTRICAL -01-10-2015] 4 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 9.00 Point 11.00 Point 3.1.2 Medium Point 11.00 Point 15.00 Point 15	13	18.13	urinal basin with waste fitting as per IS: 2556, and other couplings in C.P. brass								
340x410x265mm As per SOR:Schedule of rates public works department[PWD ELECTRICAL -01-10-2015] 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 3.1.2 Medium Point 3.1.3 Long Point 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.		2						3.00	each	1529.00	4587.00
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 3.1.2 Medium Point 3.1.3 Long Point 4.00 Point 5 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. 6 3.13 Wiring for circuit/ sub main wiring along with		3						3.00	each	1659.00	4977.00
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 3.1.2 Medium Point 3.1.3 Long Point 4.00 Point 3.1.3 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. 3.1.3 Wiring for circuit/ sub main wiring along with	1	s per 8	SOR:Schedule of rates public works department[F	WD EL	ECTRICA	L -01-10-	2015]				
3.1.2 Medium Point 3.1.3 Long Point 4.00 Point 3.1.4 Long Point 3.1.5 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.	14	3.1	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					0.00			
3.1.2 Medium Point 3.1.3 Long Point 4.00 Point 3.1.3 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. 3.1.3 Wiring for circuit/ sub main wiring along with	t	3.1.1	Short Point					9.00	Point	236.00	2124.00
3.1.3 Long Point 3.3.3 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. 3.1.3 Wiring for circuit/ sub main wiring along with	-	3.1.2	Medium Point							388.00	4268.00
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. 6 3.13 Wiring for circuit/ sub main wiring along with	T	3.1.3	Long Point							553.00	2212.00
	5	3.3	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					4.00	Point	95.00	380.00
insulated copper conductor, single core cable in concealed PVC conduit as required.	16	3.13	earth wire with the following sizes of FR PVC insulated copper conductor, single core cable								
3.13.1 3 X 1.5 sq. mm in 20mm conduit 9.00 metre	1	3.13.1	3 X 1.5 sq. mm in 20mm conduit					9.00	metre	83.50	751.50

				- 34						
1		Supplying and fixing metal box of following sizes (nominal size) in recess with suitable size phenolic laminated sheet cover in from cluding painting etc as required.	e							
		2 100 mm X 100 mm X 60 mm deep					6.0	0 Each	93.50	561.0
	6.1.5	5 180 mm X 100 mm X 60 mm deep						0 Each	121.00	
48	9.8	Supplying and fixing metal clad busba chamber made of 1.6 mm thick CRCA shee with 4 strip copper busbars of following capacity and length, complete with al accessories, including earthing the body etc as required.	t e				4		121.00	101.01
		200 amps x 600mm long					2.00	Each	4441.00	8882.00
49	11.5	Supplying and fixing on surface/ recess vertical type following way, 415 volts, TPN MCE 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.)							1163 X	
	11.5.1	4 way (4 + 12), Single door			-	-		-		
50	11.15	Supplying and fixing TP MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as required.					2.00	Each	3853.00	7706.00
	11.15.2	6 amps to 32 amps				-	6.00	Each	724.00	4344.00
51	14.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.						Set	3454.00	3454.00
52		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.					9.00	Metre	20.50	184.50
53		Supplying and fixing following rating, 415 volts, FOUR POLES, ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as required.			~ ~					
-	11.19.1	40 amps					2 00	Each	593.00	1186.00
54		Supplying, installation, testing and commissioning of following sizes fancy exhaust fan having built in lovers in existing opening in wall including earthing etc. complete as required.					2.00	LUGIT	030,00	7100.00
		225 mm sweep	1	6.00			6.00	nos	1229.00	7374.00
55		Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as required.								
		Fan regulator Electronic, step type moving all round					6.00	Each	178.00	1068.00

	7.1.13	Ceiling rose 3 pin 5 amps	6.00 Each	28.00	168.00
		Batten/ angle holder	14.00 Each	37.50	525.00
56	8.12	Supplying, fixing, testing and memorial submissioning of following 230/250 volts fluorescent lamp (tube) in existing lighting luminaries as required.		-00	
	2	4' x 28 watt (T-5)	16.00 Each	143.00	2288.00
57	8.20	Supplying, installation, testing and commissioning of following LED fitting (luminaries) down lighters in round/square shape complete with electronic driver heat sink capacitor and all other accessories on surface/ in false ceiling etc. as required and furnishing 2 Yrs Guarantee certificate from manufacturer.			
	2	9 Watt	12.00 Each	1989.00	23868.00
	3	12 Watt	4.00 Each	2436.00	9744.00
				TOTAL =	700023.60

Say Rs.= 700000.00

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