



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

मुख्य कार्यालय - साकेत भवन, आई.टी.आई. चौक, कोरबा (छ.ग.)

कोसाबाड़ी जोन

फा.क्र./8758/कोसाबाड़ी जोन /2021

कोरबा, दिनांक 27.12.2021

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 एवं प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Electrical SOR 01.06.2020 से प्रभावशील दर अनुसूची 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 मैन्युअल निविदा वेबसाइट से डाउनलोड कर त्रि-लिफाफा पद्धति माध्यम से आमंत्रित की जाती है :-

1. निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने अंतिम तिथि - 18.01.2022 सायंकाल 3:00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 18.01.2022 सायंकाल 4:30 बजे तक

क्र.	कार्य का नाम	प्राक्कलन राशि में	घरोहर राशि रु में	निविदा प्रपत्र का मूल्य	निविदा प्रपत्र	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	बिहान बाजार निर्माण, वार्ड क्र. 33 रामपुर, जनपद कार्यालय कोरबा के बाजू में कोरबा। (जिला खनिज संस्थान न्यास मद)	19,33,300/-	14,500/-	750/-	Form-A	03 माह	सक्षम श्रेणी	18.01.2022

निविदा की 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. 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।
3. निविदा प्रपत्र नगर पालिक निगम, कोरबा के वेबसाइट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपत्र Form - A/B/ABC (जारी दिनांक तक समस्त संशोधनों के साथ) निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।
4. निविदा प्रपत्र त्रि-लिफाफा पद्धति से मान्य किया जावेगा जो निम्नानुसार होगा:-
(अ) 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।
(ब) द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।
(स) तृतीय लिफाफा में उपरोक्त दोनों लिफाफाएँ होगी तथा आवश्यकता पड़ने पर मूल अभिलेख प्रस्तुत करना होगा।
5. 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।
6. 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 (पार्टनरशिप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार की किए गए कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकारी पिछले वित्तीय वर्ष का आय चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. पंजीयन एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि संगठन, कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण सूचना (एनआईटी) हस्ताक्षरयुक्त एवं निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कडिका क्र. 04 के लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।
7. कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना क्रमांक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना होगा।
8. निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लें ताकि प्रारंभ करने में किसी प्रकार की कठिनाई न हो।

9. निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग माना जावेगा।
10. निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शुल्क, 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 अंकों 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 विरुद्ध 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. ऑफिस, 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 रनिंग देयको के साथ 01 वर्ष हेतु साथ ही 05 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस सिक्यूरिटी के रूप में रोकੀ जावेगी।
17. 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।
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 नहीं 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 सुरक्षित रहेगा।
23. निविदा खुलने 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 स्वीकार 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 समय एवं स्थान माना जावे।

प्रतिलिपि :- प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, नवा रायपुर (छ.ग.) को Uad.cg.gov.in में अपलोड किये जाने हेतु प्रेषित।

(ठेकेदार के हस्ताक्षर)

नाम

पूर्ण पता

मोबाईल नं.-

कार्यपालन अभियंता
नगर पालिक निगम
कोरबा (छ.ग.)

Name of Work - PROPOSED ESTIMATE FOR CONSTRUCTION OF BIHAN BAZAR AT KORBA (C.G)

(GROUND FLOOR)

S. No.	S.O.R. NO.	Item	Nos	L.	B.	D	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
1	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. In all Type of Soil.								
		Foundation								
		F1	12	2.00	2.00	2.00	96.000			
						Total	96.000	cum.	185.00	17760.00
2	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
			1	28.07	11.10		311.58			
						Total	311.577	SQM	7.20	2243.35
3	1.6	Extra for every additional lift of 1.5 m or part thereof of All types of soil								
		F1	12	2.00	2.00	0.50	24.000			
						Total	24.000	cum.	26.50	636.00
4	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.								
		F1	12	2.00	2.00	2.00	96.000			
		Septic Tank	1	3.00	2.50	2.70	20.250			
		BUILDING	1	26.07	9.10	0.50	118.619			
		DEDUCTION (-)								
		Column C/I	-12	0.20	0.30	0.90	-0.648			
		Footing					Qty. As Per RCC			-19.440
		PCC					Qty. As Per RCC			-7.200
		Plinth Beam					Qty. As Per RCC			-3.984
						Total	203.597	cum.	371.00	75534.30
5	1.26	Carriage by mechanical transport upto 5 km lead:								
	1.26.1	Earth								
		QTY AS PER EXCAVATED EARTH				Total	96.000	cum.	111.00	10656.00
6	3.1.3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40 mm nominal size).								
		F1	12	2.00	2.00	0.15	7.200			
								7.200		
		SHOP	5	4.00	4.00	0.125	10.000			
		Male Toilet	1	1.80	2.00	0.125	0.450			
		Fe-Male Toilet	1	1.80	2.00	0.125	0.450			
		Verandah	1	21.00	1.20	0.125	3.150			
		Open Space	1	25.70	4.40	0.125	14.135			
						Total	35.385	cum.	2970.00	105093.45
	3.3.2	Providing and laying Design mix reinforced cement concrete with crushed graded stone aggregate 20 mm nominal size using batching plant, transit mixer and concrete pump, in all works upto plinth level excluding cost of form work.								
		M-25 grade								
		FOOTING								
		F1	12	1.80	1.80	0.50	19.440			
		COLUMN UPTO PLINTH LEVEL								

[Signature]

Executive Engineer,
Municipal Corporation
KORBA (C. G.)

S. No.	S.O.R. NO.	Item	Nox	L.	B.	D	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
		CI	12	0.20	0.30	1.50	1.080			
		PLINTH BEAM - PBI 200X300						20.520		
		VERTICAL GRIDE								
		PBI(A)	1	4.00	0.20	0.30	0.240			
		(B)	1	4.00	0.20	0.30	0.240			
		(C)	1	4.00	0.20	0.30	0.240			
		(D)	1	4.00	0.20	0.30	0.240			
		(E)	1	4.00	0.20	0.30	0.240			
		(F)	1	4.00	0.20	0.30	0.240			
		HORIZONTAL GRIDE								
		PBI (01)	1	21.20	0.20	0.30	1.272			
		(02)	1	21.20	0.20	0.30	1.272			
		COLUMN UPTO SLAB LEVEL						3.984		
		CI	12	0.20	0.30	3.00	2.160			
		SLAB BEAM - SB1 200X300								
		VERTICAL GRIDE								
		SB1(A)	1	4.00	0.20	0.30	0.240			
		(B)	1	4.00	0.20	0.30	0.240			
		(C)	1	4.00	0.20	0.30	0.240			
		(D)	1	4.00	0.20	0.30	0.240			
		(E)	1	4.00	0.20	0.30	0.240			
		(F)	1	4.00	0.20	0.30	0.240			
		HORIZONTAL GRIDE								
		SB1 (01)	1	21.20	0.30	0.45	2.862			
		(02)	1	21.20	0.30	0.45	2.862			
		SLAB DETAIL						7.164		
		S1	5	4.00	4.00	0.120	9.600			
		S2	1	4.00	2.40	0.120	1.152			
		Chajja - RS	1	26.07	0.60	0.100	1.564			
		V	7	1.00	0.45	0.100	0.315			
		Total					46.459	cum	4298.00	199681.64
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:								
		For Ground Floor					Total	46.459	cum	97.50
									97.50	4529.77
3.12.1		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: Cold twisted bar / Hot rolled deformed steel								
		Steel @100 Kg/Cum	46.459	100.00			4645.920			
		Total					4645.920	kg	54.50	253282.64
3.9		Extra for precast PCC/RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement. 3.11								
		For Elevation Purpose								
			260.7	0.20	0.20	1.00	10.428	cum	469.00	4890.73
2.1		Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels								
2.1.1		Foundations, footings, base of columns, plinth beam, Curtain Wall in any shape and size and all type of wall below plinth level								
		FOOTING								
		F1	12	7.20		0.50	43.20			
		PLINTH BEAM								
		VERTICAL GRIDE								
		PBI(A)	1	4.00		0.60	2.40			

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Executive Engineer,
Municipal Corporation

S. No.	S.O.R. NO.	Item	Nos	L.	B.	D	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
		(B)	1	4.00		0.60	2.40			
		(C)	1	4.00		0.60	2.40			
		(D)	1	4.00		0.60	2.40			
		(E)	1	4.00		0.60	2.40			
		(F)	1	4.00		0.60	2.40			
		HORIZONTAL GRIDE								
		PB1 (01)	1	21.20		0.60	12.72			
		(02)	1	21.20		0.60	12.72			
						Total	83.04	sqm.	139.00	11542.56
2.1.5		columns, Pillars, piers and likes-rectangulay or square in shape in size.								
		Column up Plinth level								
		C1	12	1.00		1.50	18.00			
		Column up Slab level								
		C1	12	1.00		3.00	36.00			
						Total	54.00	sqm.	297.00	16038.00
2.1.13		Weather shade chhajja, cornices and mouldings.								
		Chhajja - RS	1	26.07		0.600	15.64			
		V	7	1.00		0.450	3.15			
						Total	18.79	sqm.	294.00	5524.85
2.1.8		Beams, Lintels, Cantilevers & walls								
		SLAB BEAM								
		VERTICAL GRIDE								
		SB1(A)	1	4.00		0.60	2.40			
		(B)	1	4.00		0.60	2.40			
		(C)	1	4.00		0.60	2.40			
		(D)	1	4.00		0.60	2.40			
		(E)	1	4.00		0.60	2.40			
		(F)	1	4.00		0.60	2.40			
		HORIZONTAL GRIDE								
		SB1 (01)	1	21.20		0.90	19.08			
		(02)	1	21.20		0.90	19.08			
						Total	52.56	Sqm.	202.00	10617.12
2.1.7		Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		SLAB								
		S1	5	4.00	4.00		80.00			
		S2	1	4.00	2.40		9.60			
						Total	89.60	sqm.	235.00	21056.00
2.1.14		Spiral/Folded plate type stair cases including risers and landing								
		V	7	1.00	0.45		7.45			
						Total	7.45	sqm.	307.00	2287.15
3.13		Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork								
			2	26.07	0.20	0.05	0.521			
			2	9.10	0.20	0.05	0.182			
						Total	0.703	cum.	4237.00	2980.31
3.15		Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.								
			2	26.07	0.20	-	10.43			
			2	9.10	0.20	-	3.64			
						Total	14.07	sqm.	93.50	1315.36
3.16		Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth.								
		Outer Wall	2	26.07		1.00	52.14			
			2	9.10		1.00	18.20			
						Total	70.34	sqm.	273.00	19202.82

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Executive Engineer,
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KORBA (C. G.)

S. No.	S.O.R. NO.	Item	Nos	L.	B.	D	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
15	7.5.4	Brick work with modular FLY ASH lime bricks (Falg brick) confirming to ISI 12894:2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) UPTO PLINTH LEVEL VERTICAL GRIDE PBI(A) (B) (C) (D) (E) (F) HORIZONTAL GRIDE PBI (01) (02)								
			1	4.00	0.20	0.50	0.400			
			1	4.00	0.20	0.50	0.400			
			1	4.00	0.20	0.50	0.400			
			1	4.00	0.20	0.50	0.400			
			1	4.00	0.20	0.50	0.400			
			1	4.00	0.20	0.50	0.400			
			1	21.20	0.20	0.50	2.120			
			1	21.20	0.20	0.50	2.120			
							6.640	cum.	3263.00	21666.32
16	7.5.4	Brick work with modular FLY ASH lime bricks (flag brick) confirming to ISI 12894:2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) SHOP Male Toilet Outer Wall Fe-Male Toilet Deduction column C1 Slab Beam D1 R.S.								
			10	4.00	0.20	3.00	24.000			
			6	4.00	0.20	3.00	14.400			
			1	1.80	0.20	3.00	1.080			
			1	2.00	0.20	3.00	1.200			
			1	7.70	0.20	2.00	3.080			
			1	0.80	0.20	2.00	0.320			
			1	5.10	0.20	2.00	2.040			
			1	1.80	0.20	3.00	1.080			
			1	2.00	0.20	3.00	1.200			
							48.400	cum.		
			12	0.20	0.30	3.00	2.160			
							Qty. As Per RCC			
							7.164			
			1	4.00	0.20	2.40	1.920			
							(-)	11.244	cum.	
							Total	37.156	cum.	3384.00
										125735.90
7	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in additional to rate for foundation and plinth: For Ground Floor								
							Qty. As Per 7.5.4			
							37.156	cum.	121.00	4495.88
8	7.11.2	Half brick thick Brick Masonary with FLY ASH lime bricks (flag brick) confirming to ISI 12894:2002 of class designation 40 in super Structure above plinth level Cement Mortar 1:4 (1 cement : 4 coarse sand) Toilet Block's Deduction D4								
			2	1.80	-	3.00	10.80			
			2	2.00	-	3.00	12.00			
							Total	22.80	sqm	
			2	0.75	-	2.10	3.15			
							Total	3.15	(-)	
							Total	19.65	sqm.	381.00
										7506.30
7.12	Extra for half brick work in superstructure above plinth level for every story or part thereof in addition to rate for upto plinth level: For Ground Floor						Total	19.65	sqm	11.00
										216.15
7.20	Extra for providing and placing in position hopping 25x1.60 mm or 2 Nos 6mm dia MS bars reinforcement at every third course of half brick masonry.						Total	19.65	sqm.	62.50
										1228.13

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S. No.	S.O.R. NO.	Item	Nos	L.	B.	D	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
21	8.151.1	Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered 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 angle on either side forming styles; and 5mm thick, 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 20mm shall be tapered on both sides to form lock rail. 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 & 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 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 hinges of size 100x58x1.9 mm complete. (for W.C. and bathroom door								
		D4	2	0.75	-	2.10	3.15			
						Total	3.15	sqm.	2318.00	7301.70
22	8.151	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-								
		D4	2	4.95		Total	9.90	Rmt	346.00	3425.40
23	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 of red oxide zinc chromate primer								
		V	7	0.60		0.45	1.89			
				10 KG/SQM			1.89	SQM		
						Total	18.90	KG.	67.50	1275.75
24	9.37	Providing and fixing M.S. fan clamp/ hook for ceiling fan made out of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop.								
		SHOP	5	2	-	-	10.00			
		Verrandah	1	6	-	-	6.00			
						Total	16.00	each	97.00	1552.00
25	8.120	Providing and fixing aluminium sliding door bolts with 16mm rod, necessary nickel plated iron nuts bolts and screws etc complete								
	8.120.2	250x16mm					2.00			
		D4	2	1.00		TOTAL	2.00	each	141.00	282.00
26	8.121	Providing and fixing aluminium door latch with 12mm rod, necessary nickel plated iron nuts bolts and screws etc complete.								
	8.121.2	250x12mm					2.00			
		D4	2	1.00						

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Executive Engineer,
Municipal Corporation
KORBA (C. G.)

S. No.	S.O.R. NO.	Item	Nos	L.	B.	D	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
27	8.122	Providing and fixing aluminium tower bolts (Barrel type) with necessary nickel plated iron screws etc complete.				TOTAL	2.00	each	141	282.00
	8.122.1	250 x 10mm								
		D4	2	1.00			2.00			
						TOTAL	2.00	each	70.50	141.00
28	8.123	Providing and fixing aluminium door handles 2.5mm thick with necessary nickel plated iron screws etc complete.								
	8.123.2	125 mm								
		D4	2	2.00			4.00			
29	8.132	Providing and fixing stainless steel butt hinges IS : 12817 marked with necessary stainless steel screws etc complete.				Total	4.00	each	26.00	104.00
	8.132.3	100x2.5mm (heavy)								
		D4	2	3.00			6.00			
						Total	6.00	each	52.50	315.00
30	9.44	Providing and fixing " NETLON Insect screens" with 25mm wide Hook and loop tape all around to wooden /Aluminium/ steel windows, ventilators and the like complete.								
		V	7	0.60	0.45		1.89			
						Total	1.89	sqm.	278.00	525.42
31	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)								
	9.47.1	For Fixed Portion								
		V	7	0.60	0.45		1.89			
				10.00 kg	X		1.89	kg		
						Total	18.900	kg	331.00	6255.00
32	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)								
		V	7	0.60	0.45		1.89			
				10.00 kg	X		1.89	kg		
						Total	18.900	kg	338.00	6393.20
33	9.49	Extra for Polyester powder coated (minimum 50 micron) aluminium sections instead of anodized same as item of aluminium fixed and shutter.								
						Qty. As Per 9.47.1+9.47.2	37.800			
						Total	37.800	kg	34.50	1304.10
34	9.23.2	Providing and fixing frosted glass panes with steel glazing clips and special metal sash putty of approved make in steel doors, windows, ventilators: 5 MM THICK								
		V	7	0.60	0.45		1.89			
						Total	1.89	sqm.	717.00	1355.13
35	9.57.1	Providing stainless steel railing/ grill made of S.S. flat, 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. SS grade 204								

Executive Engineer,
Municipal Corporation
KORBA (C. G.)

S. No.	S.O.R. NO.	Item	Nos	L.	B.	D	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
		stair railing	2	2.00			4.00			
36	11.1.2	Providing and making 6mm thick cement plaster of mix : In Cement mortar 1:4 (1 cement : 4 fine sand)		(a)	10 kg/m	Total	4.00	meter		
							40.000	kg	467.00	18680.00
		Chhajja								
		V	1	26.07	0.60					
		For finishing	7	1.00	0.45		15.64			
			5	4.00	4.00		3.15			
							80.00			
37	11.2.4	Providing and making 12mm thick cement plaster of mix: in cement mortar 1:6 (1 cement : 6 fine sand)				Total	98.79	sqm	87.00	8594.90
		SHOP	10	4.00						
		Male Toilet	6	4.00		3.00	120.00			
			1	1.80		3.00	72.00			
		Outer Wall	1	2.00		3.00	5.40			
			1	7.70		2.00	6.00			
		Fe-Male Toilet	1	5.10		2.00	15.40			
			1	1.80		3.00	10.20			
			1	2.00		3.00	5.40			
						3.00	6.00			
		Deduction (-)				A	240.40	sqm		
		D1 R.S.	1	4.00						
		V	7	0.60		2.40	9.60			
						0.60	2.52			
						B	12.12	sqm.		
						A-B	228.28	sqm.	91.50	20887.62
38	11.3.4	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		OUTER WALL	1	26.07		4.65	121.23			
			1	26.07		4.65	121.23			
		Deduction (-)						242.45		
		D1	1	2.00		2.40	4.80			
		V	7	0.60		0.60	2.52			
							7.32			
						Total	235.13	sqm.	107.00	25159.02
11.14		Providing and making 18 mm terrazzo finish plastering rubbed and polished complete with under layer of 12mm thick cement plaster 1:3 (1 cement : 3 fine sand) and top layer of 6mm thick white or black or white and black marble chips of 3mm and down size laid in proportion of 4:7 (4 cement : 7 Marble chips) by volume.								
		front side wall complete height	1	26.07		3.65	26.07			
						Total	26.07	sqm.	497.00	12956.79
11.41		Providing and fixing chicken mesh weighting not less than 250 gms/ sqm as per IS : specification in the required width with 40mm long steel nails on vertical and horizontal surface near R.C.C. and brick walls junctions including scaffolding and all lead and lifts etc. complete before plastering upto 10mts in height.								
			48	0.30		0.30	4.32			
		Column C1	2	66.40		0.30	39.84			
		Beam				Total	44.16	sqm	86.00	3797.76
11.32		Providing and making 18 mm thick plain cement mortar band in cement mortar 1:4 (1 cement : 4 fine sand) per cm width:								
11.32.4		Drip course	7		2.20		15.40	cm		
		V	15.40	3	5	Total	77.00	run.	3.68	277.30
		For 5cm Width								
11.40		Making groove in cement plaster while plastering upto 10 mm deep and 10 mm wide.								

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11/6/14 AC

Executive Engineer,
Municipal Corporation
KORBA (C. G.)

S. No.	S.O.R. NO.	Item	Nos	L.	B.	D	Quantity	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
			156.80	3.65			572.32			
							Total	572.32	1.39	744.82
43	10.41	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :								
		V	7		1.00		7.00			
							Total	7.00	68.00	476.00
44	12.1	Applying cement slurry on R.C.C. slab or cement concrete work using 2.75 kg/ sqm for receiving cement concrete floor including roughening cleaning etc complete.								
		As per Slab Area qty	1	89.60			89.60	sqm	34.80	3096.48
							Total			
46	12.46.2	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).								
		Granite STONE BLACK								
		Toilet Wash Basin	2	1.00	0.6		1.20			
							Total	1.20	2719.00	3262.80
47	12.65	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, tamping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm								
	12.65.2	Pigment Coloured (rubber mould) precast interlock concrete blocks								
		Porch Area	1	25.70	4.40		113.08	sqm	632.00	71466.56
48	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	5	4.00	4.00		80.00			
		SHOP	1	21.00	1.20		25.20			
		Verandah	2	21.10	0.45		18.99			
		Entrance Steps					Total	124.19	1151.00	142942.69
49	13.19.2	Extra for providing edge moulding to 15mm thick stone counters, vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer in Charge.								
		GRANITE WORK								
		Toilet Wash Basin	2	1.60	-		3.20			
							Total	3.20	172.00	552.40
14.13		Providing and applying 2mm thick ready mix exterior grade putty (Birla wall care, Altek Superfine W.R of (NCL), I.K. wall putty) on walls to make the surface smooth and even.								
		Total 6mm plaster					98.79			
		Total 12mm plaster					228.28			

Signature
T. J. Rao

Executive Engineer
Municipal Corporation
KORBA (C. G.)

S. No.	S.O.R. NO.	Item	Nos	L.	B.	D.	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
		Total 15mm plaster					235.13			
						Total	562.20	sqm	94.50	53128.18
14.11.1		Wall painting with acrylic luxury emulsion (plastic) paint of Required Shade to give an even shade. On new work(two or more coats)								
		Total 6mm plaster					98.79			
		Total 12mm plaster					228.28			
						Total	327.07	sqm.	52.50	17171.28
14.15.1		Painting exterior surface with ACRYLIC SMOOTH exterior paints of required shades as per manufacture specification to give protective and decorative finish including cleaning washing of surface etc. complete with on new work (two or more coats applied @ 1.43 ltr/10 sqm over and including priming cost of exterior primer applied @ 2.20 ltr/10 sqm)								
		Total 15mm plaster					235.13	sqm.	56.00	13167.34
14.20		Applying priming coat on wood work with ready mixed primer.								
		doors frame								
		D1	1	12.80	-	1.15	14.72			
		shutter								
		D1	1	2.00	-	2.10	4.20			
						Total	18.92	sqm.	23.50	444.62
14.28		Providing and laying PU polish on new wood work (two or more coats) with spray machine after preparing surface by rubbing down smooth with sand papers, preparation of surface, applying 5 to 10 coats of french spirit polish, applying two coats of PU sealer and finally applying two coats of PU clear as per manufacturers specifications complete:								
		D1	1	2.00	-	2.10	4.20			
						Total	4.20	sqm.	656.00	2755.20
14.22.2		Painting on new work (two or more coats) to give an even shade with: Premier Shynthei Enamel Paint								
		D1	1	12.80	-	0.15	1.92			
		V	7	0.60	-	0.45	1.89			
						Total	3.81	sqm.	47.00	179.07
12.74.1		Providing and fixing rectified glazed ceramic Floor tiles of 1st quality conforming to IS : 15622-2017 of approved make, in all colors, shades over 20 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with matching pigment complete.								
		Size 300x300 mm thickness 7 to 8 mm								
		Male Toilet	2	1.80	2.00		7.20			
		Fe-Male Toilet	2	1.80	2.00		7.20			
						Total	14.40	sqm.	779	11217.60
12.75.1		Providing and fixing rectified glazed ceramic wall/dado tiles of 1st quality conforming to IS : 15622-2017 of approved make, in all color, shaded 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.								
		Size 300x450mm thickness 7 to 8mm								
		Male Toilet	2	1.80		2.10	7.56			
			2	2.00		2.10	8.40			
		Fe-Male Toilet	2	1.80		2.10	7.56			
			2	2.00		2.10	8.40			
						Total	31.92			
		Deduction (-) -								

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S. No.	S.O.R. NO.	Item	Nos	L.	B.	D	Quantity	Unit	Rates	Amount
1	2	3	4	5	6	7	8	9	10	11
		D4	6	0.75		2.10	9.45			
58	9.27	Supplying and fixing rolling shutter of approved makes made of M.S. laths				Total	22.47	sqm.	710.00	15953.70
	9.27.1	80x1.25mm M.S. Laths						9.45		
		Rolling shutter A								
			5	4.00		3.00	60.00			
							60.00	sqm	1691.00	101460.00
59	10.46	Providing and laying Mangalore pattern tiles 20 mm thick (without hip or ridge tiles) on steel/ wooden frame (frame work to be paid separately)								
60	10.47	Providing and laying Mangalore pattern hips and ridge tiles fixed in cement mortar 1:6 etc. complete	1	21.10	1.20		25.32	sqm	592.00	14989.44
			2	21.10			42.20	meter	130.00	5486.00
61	6.57									
	6.58	Supplying, installation, testing and commissioning of Acrylic LED light (a) Specification of Acrylic 3 mm thick x 3 " width x 4 " depth *(imbose) (b) Specification of LED modules :- Each Module should have 6 Nos LED of 1 watt								
			1	10.00		0.6		SQFT	2312.00	13872.00
										1518814.91
									TOTAL Rs	1518315.00


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ESTIMATE FOR CONSTRUCTION OF SEPTIC TANK IN BIHAN BAZAR AT - KORBA (C.G)

S.N. & S.O.R	Description of Items	Measurement				Qty.	Unit	Rate	Amount
		N0	L	W	D				
1	2	3	4	5	6	7	8	9	10
(1) 1.4 P/10	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	1	3.00	2.50		7.50	sqm	3.70	28.00
(2) 1.2 P/9	Surface dressing of the ground including removing vegetation and making up undulations and in equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	1	3.00	2.50		7.50	sqm	7.20	54.00
(3) 1.1 P/9	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 P/9	In all types of soils.	1	3.00	2.50	2.35	17.625	cum	185.00	3261.00
(4) 1.6 P/10	Extra for every additional lift of 1.5 m or part thereof.								
1.6.1 P/10	All types of soils	1	3.00	2.50	0.65	4.875	cum	26.50	129.00
(5) 1.7 P/10	Extra rate for quantity of work executed in or under water and/ or liquid mud including pumping out water.	1	3.00	2.50	0.65	4.875	cum	51.00	249.00
(6) 3.1 P/23	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
1.1.3 P/23	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size)	1	3.00	2.50	0.15	1.125	cum	2970.00	3341.00
1.1.5 P/23	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	1x3.0x2.10 x (0.025+0.075) / 2				0.315	cum	4073.00	1283.00



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N. & L.O.R	Description of Items	Measurement				Qty.	Unit	Rate	Amount
		N0	L	W	D				
1	2	3	4	5	6	7	8	9	10
3.10 P/24	Extra for laying PCC/ RCC, in or under water or liquid mud including cost of pumping or bailing out of water and removing slush etc. complete:	Qty. As Per Item No. - (6) 3.1.3 P/23				1.125			
		Qty. As Per Item No. - (6)				0.315			
		Total				1.440	cum	261.00	376.00
7.5 P/45	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:								
5.2 P/45	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
		2	2.80	0.40	0.60	1.344			
		2	2.10	0.40	0.60	1.008			
		2	2.80	0.30	1.50	2.016			
		2	2.10	0.30	1.50	1.890			
		Total				6.258	cum	3452.00	21603.00
9) 1.2 P/23	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.								
2.1 P/23	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	For Slab	1	2.60	2.70	0.12	0.842			
	Buffel wall	1	2.30	0.20	1.50	0.690			
		Total				1.532	cum	4163.00	6379.00
8) 1.2 P/24	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:								
2.1 P/14	Thermo-Mechanically treated bars FE 415	Qty. As Per Item No. - (9) 3.2.1 P/23				1.532	cum		
		@ 100 kg/cum				153.240	kg	54.50	8352.00
1) 1.1 P/16	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels,								

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S.N. & S.O.R	Description of Items	Measurement				Qty.	Unit	Rate	Amount
		N0	L	W	D				
1	2	3	4	5	6	7	8	9	10
2.1.7 P/16	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	Slab Bottom	1	2.80	2.30		6.44			
	Side	2x(2.8+2.50)x0.12				1.27			
			Total			7.71	sqm	235.00	1812.00
(12) 11.2 P/103	Providing and making 12mm thick cement plaster of mix:								
11.2.1 P/103	In cement Mortar 1:3 (1 cement : 3 fine sand)								
	Inside	1x2x(2.60+2.1)x2.2				22.09			
	Bottom	1	2.60	2.10		5.46			
	Out side	1x2x(2.8+2.10)x0.40				3.92			
			Total			31.47	sqm	115.00	3619.00
(13) 11.9 P/104	Extra for providing and mixing water proofing materials in cement plaster work in proportion as recommended by manufacturer	Qty. As Per Item No. - (12) 11.2.1 P/103 x 1.50/100 x 9.40				4.437	kg	43.50	193.00
(14) 11.5 P/104	Neat Cement punning.	Qty. As Per Item No. - (12) 11.2.1 P/103				31.47	sqm	33.00	1039.00
(15) 1.17 P/11	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	1	3.00	2.50	2.20	16.500			
	Deduction (-)	1	3.00	2.30	0.60	4.140			
		1	3.00	2.10	1.50	9.450			
			Total (-)			13.590			
			Net			2.910	cum	65.00	189.00
							Total		51907.00

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KORBA (C. G.)

Name of Work - PROPOSED ESTIMATE FOR CONSTRUCTION OF BIHAN BAZAR AT KORBA (C.G)

ENTRY GATE (3x2)

S. No.	S.O.R. ITEM	Item	Nos	L.	B.	H/D	Quantity	Unit	Rates	Amount
1	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. In all Type of Soil.								
		For Main Column A C1	2	1.50	1.50	1.50	6.75			
		For Tie Beam								
		TB1	1	4.00	0.30	0.60	0.72			
							7.47	cum.	185.00	1,381.95
3	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.								
		For Main Column A C1	2	1.50	1.50	0.20	0.90			
		For Tie Beam								
		TB1	1	4.00	0.30	0.20	0.72			
							1.62	cum.		
		QUANTITY- P.C.C.-FOOTING R.C.C.				TOTAL	3.30	cum.	371.00	1,224.30
4	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels,								
	2.1.1	Foundations, footings, base of columns, plinth beam, Curtain Wall in any shape and size and all type of wall below plinth level								
		for base footing lvl.								
		For Main Column A C1	2	6.00	-	0.30	3.60			
							3.60			
		for column up to plinth lvl.								
		For Main Column A C1	2	1.20	-	0.90	2.16			
		For Tie Beam								
		TB1	2	4.00	-	0.60	4.80			
		For slab beam								
		SBI	2	5.00	-	0.60	6.00			
						Total	16.56	sqm.	139.00	2,301.84
5	2.1.5	columns, Pillars, piers and likes-rectangulay or square in shape in size.								
		for column above ground level.								
		For Main Column A C1	2	1.20	-	4.00	9.60			
						Total	9.60	sqm.	297.00	2,851.20
6	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) extra work.								
			1	5.00	0.30		1.50	sqm	235.00	352.50

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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.							
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm)							
		For Main Column A C1	2	1.50	1.50	0.10	0.45		
		For Tie Beam							
		TB1	1	4.00	0.30	0.10	0.12		
							0.57	cum.	2970.00
									1,692.90
8	3.3	Providing and laying design mix reinforced cement concrete with crushed graded stone aggregate 20mm nominal size using batching plant, transit mixer and concrete pump, in all works upto plinth level excluding cost of form work.							
	3.3.1	M20 Grade							
		For Main Column A C1	2	1.30	1.30	0.30	1.01		
		For column up to plinth lvl.							
		For Main Column A C1	2	0.30	0.30	0.90	0.16		
		Column above ground lvl							
		For Main Column A C1	2	0.30	0.30	4.00	0.72		
		For Tie Beam							
		TB1	1	4.00	0.30	0.30	0.36		
		For slab beam							
		SBI	1	5.00	0.30	0.30	0.45		
		ELEVATION	20%				0.09		
						Total	2.80	CUM	4231.00
									11,829.88
9	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:							
							2.80	CUM	97.50
									272.61
10	3.12.4	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: Cold twisted bar / Hot rolled deformed steel					2.80		
		90 Kg / cum. of R.c.c. work					251.64	KG.	53.50
									13,462.74
18	11.3.4	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)							
		For Main Column A C1	2	0.30	0.30	4.00	0.72		
							0.72		
		extra 30% for elevation					0.22		
							0.94	sqm.	107.00
									100.15

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22	NON-SOR RDA (2497 7)	Precasting and placing in position 125 mm dia Bollards 600 mm high of required shape including providing M.S. Pipe Sleeve 50 mm dia 300 mm long in the Bollard and M.S. Pipes 40 mm dia and 450mm long with 150x150x6mm M.S. plate welded at bottom and 20/0.25=100	80					each	723.05	57,844.00
								TOTAL		93,314.07
23		ENTRY GATE (3x2)								
	9.6.2	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.								
		DECORATIVE GATE	1	3.00	2.00	6.00		68.00		40800.00
		Providing 100 Kg Per Sqm		6.000	100	600.00	Kg			
	14.22	Painting on new work (two or more coats) to give an even shade with								
	14.22.1	Satin synthetic enamel paint	2	3.00	2.00	12.00				
						12.00				
						0.15		55.00		668.25
						12.15	Sqm			41468.25
						Total				
								1		41468.25
						TOTAL	NOS.			
								TOTAL COST		134,782.32

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