



कार्यालय नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क./252,253, 254, 255,256 /दर्री जोन/2018-19/

कोरबा दिनांक 07.01.2019

नियमित निविदा आमंत्रण सूचना

लोक निर्माण विभाग द्वारा एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित निर्माण कार्य हेतु प्रमुख अभियंता लोक निर्माण विभाग (भवन), रायपुर द्वारा 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरो पर दरों पर मैनुअल/ऑन लाईन निविदा वेब साईड से डाउनलोड कर आमंत्रित की जाती है।

क.	कार्य का नाम	प्राक्कलन राशि	धरोहर राशि	निविदा प्रपत्र का मूल्य	कार्यावधि	ठेकेदार का वर्ग	निविदा प्रपत्र प्राप्त करने हेतु आवेदन जमा करने की अंतिम तिथि	निविदा प्रपत्र प्राप्त करने की अंतिम तिथि	निविदा खुलने की तिथि
1	वार्ड क्र. 47 जमनीपाली अंतर्गत इंदिरा नगर डुग्गुपारा में सी.सी.रोड़ का मरम्मत कार्य। (मरम्मत एवं संधारण मद)	3,86,000/-	4,000/-	750/-	02 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19
2	वार्ड क्र. 43 अंतर्गत कल्मीडुग्गु में कलवर्ट का निर्माण कार्य। (मरम्मत एवं संधारण मद)	4,29,000/-	5,000/-	750/-	03 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19
3	वार्ड क्र. 55 बल्ली में मैदान समीप शेड़ निर्माण कार्य। (निगम मद 2018-19)	4,67,000/-	5,000/-	750/-	03 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19
4	वार्ड क्र. 51 अंतर्गत सरदार वल्लभ भाई पटेल नगम में सीवर लाईन एवं चैम्बर का निर्माण कार्य। (मरम्मत एवं संधारण मद)	3,87,000/-	4,000/-	750/-	02 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19
5	वार्ड क्र. 53 अंतर्गत टांगामार स्थित प्रायमरी एवं मिडिल स्कूल का मरम्मत कार्य। (मरम्मत एवं संधारण मद)	3,91,000/-	4,000/-	750/-	02 माह	वर्ग "डी" एवं उपर की श्रेणी	21.01.19	24.01.19	30.01.19

शर्तें

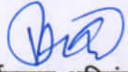
- निविदा दरें प्रचलित सी.एस.आर. से कम या अधिक प्रतिशत दरों पर दिया जावें, सी.एस.आर. के अंतर्गत के आईटमो पर पृथक से आईटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
- निविदा प्रपत्र की प्रतियाँ नगर पालिक निगम, साकेत भवन रामपुर कोरबा कार्यालय से उपरोक्त कार्य हेतु नाम के सम्मुख अंकित राशि नगद जमा कर उपर लिखे तिथि को साँय 5.30 बजे तक अवकाश के दिन को छोड़कर प्राप्त की जा सकती है। यदि निविदा प्रपत्र डाक द्वारा मँगाना हो तो रु. 50.00 अधिक भेजने होंगे तथा निविदा समय पर मिलने या न मिलने की जिम्मेदारी इस कार्यालय की नहीं होगी। साथ ही निविदा प्रपत्र निगम के वेब साईड से डाउनलोड करने पर निविदा प्रपत्र के साथ में (अ) धरोहर राशि एवं निविदा प्रपत्र शुल्क (ब) अर्हता संबंधित समस्त दस्तावेज एवं (स) निविदा प्रपत्र के साथ प्रस्तुत दर-तीन पृथक- पृथक लिफाफे में दी जावें, शुल्क एवं दस्तावेज परीक्षण उपरांत सही पाये जाने पर ही निविदा दर खोली जावेगी।
- निविदा प्रपत्र केवल स्पीड पोस्ट अथवा पंजीकृत डाक के माध्यम से ही स्वीकार किये जावेगे। निर्धारित तिथि को साँय 3.00 बजे के पश्चात प्राप्त निविदाओ पर विचार नहीं किया जावेगा।
- 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।
- निविदा प्रपत्र प्राप्त करने के इच्छुक ठेकेदारों को आवेदन के साथ उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनर शीप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार के किये गये कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकारी पिछले वित्तीय वर्ष का आयकर प्रमाण पत्र/पेन नम्बर एवं छत्तीसगढ़ वाणिज्यिक पंजीयन प्रमाण पत्र एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, अमानत राशि का एफ.डी.आर./टी.डी.आर./नगद जमा की रसीद एवं निविदा प्रपत्र वेब साईड से डाउनलोड करने पर निविदा प्रपत्र शुल्क के रूप में डिमांड ड्राफ्ट अथवा नगद जमा रसीद संलग्न करना अनिवार्य होगा, अन्यथा प्रस्तुत निविदा निरस्त मानी जावेगी।
- निविदा प्रपत्र उन्ही ठेकेदारों को दिया जावेगा जिन्हे इस प्रकार के कार्यों का अनुभव हो।
- पूर्ण रूप से भरे निविदा प्रपत्र उपरोक्त तिथि को 15.00 बजे तक प्राप्त की जा सकती हैं। और उसी दिन 16.00 बजे ठेकेदारों एवं उनके प्रतिनिधि यदि वे उपस्थित होना चाहे तो उनके समक्ष खोली
- सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रनिंग देयको के साथ एवं 5 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफॉर्म सिक्यूरिटी के रूप में रोकी जावेगी।
- आवेदन के साथ रु 10.00 लाख या उससे अधिक लागत के निर्माण कार्यों की निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं शेवा शर्तो का विनमय) अधिनियम 1996 एवं तदअंतर्गत निर्धारित नियमों के तहत पंजीयन करना आवश्यक होगा। तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
- निविदा उन्ही ठेकेदारों को प्रदाय किये जावेगें जो कि कर्मचारी भविष्यनिधि संगठन एवं कर्मचारी राज्य बीमा निगम रायपुर से पंजीयन करारको कोड प्राप्त कर लिया हो अन्यथा निविदा प्रपत्र प्रदाय नहीं किया जावेगा।
- ईट से संबंधित निर्माण कार्यों में फ्लाई एस ब्रिक्स का उपयोग किया जाना अनिवार्य होगा।
- कार्य में उपयोग हेतु 43 ग्रेड ओ.पी.सी. सीमेन्ट की खरीदी ठेकेदारों को स्वयं करनी होगी।
- निविदा प्रपत्र अहस्तान्तरणीय होगी एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।

निविदा दरें एस.ओ.आर.से असामान्य होने पर सफल निविदाकार से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफारमेन्स गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर. पोस्ट ऑफिस का टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।

15. निविदा के संबंध में किसी भी प्रकार की विवाद होने की स्थिति में आयुक्त के द्वारा अधिनस्त अधिकारियों का निर्णय अंतिम एवं सर्वमान्य होगा।
16. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार नगर पालिक निगम, कोरबा के पास सुरक्षित रहेगा।
17. ठेकेदारों को उपरोक्त कार्य हेतु लगे श्रमिकों का भुगतान बैंक के माध्यम से किया जाना अनिवार्य होगा।
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 मूलप्रति में शपथ पत्र देना अनिवार्य होगा।
19. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा की वेब साइट www.korbamunicipal.in एवं साकेत भवन स्थित सूचना पटल एवं निर्माण शाखा (दर्सी जोन) पर भी यह टेन्डर उपलब्ध है।

नोट :-

1. उपरोक्त निविदा तिथियों में कोई शासकीय अथवा स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्धारित तिथि सम्यक /स्थान माना जावे।
2. अमानत राशि के रूप में एफ.डी.आर./टी.डी.आर./अथवा नगद जमा राशि की रसीद आवेदन के साथ ही स्वीकार किये जावेंगे जो कि आयुक्त नगर पालिक निगम कोरबा के नाम पर देय होगा।


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

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

DETAILED ESTIMATE

Work : MAINTENANCE OF C C ROAD AT DUGGUPARA INDIRA NAGAR JAMANIPALI W. NO 47
 SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD ROAD-01.01.2015]

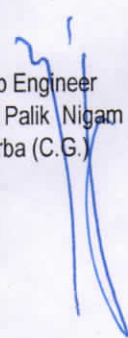
Handwritten notes and signature in blue ink.

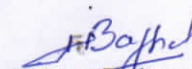
REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
3.1	Excavation in Soil (by Manual Means.) Excavation for roadway in soil using including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300.								
		1	67.00	3.00	0.23	46.23			
		1	39.00	3.00	0.23	26.91			
		1	35.00	3.00	0.23	24.15			
					Total	97.29	Cum.	140.00	13620.60
2	6.6 Providing and laying cement concrete for plain concrete/ reinforced concrete i/c form work, shuttering complete in as per drawings and specifications.(For Village roads)								
	(i) P.C.C. M-10								
		1	67.00	3.00	0.08	16.08			
		1	39.00	3.00	0.08	9.36			
		1	35.00	3.00	0.08	8.40			
					Total	33.84	Cum	2789.00	94379.76
3	6.6 Providing and laying Un-reinforced cement conc. without dowel bars including formwork and expansion, contraction & longitudinal joints as per desing and as per IRC-62-2014, over a prepared base a per drawing for pavement thickness less than 200mm in low Volumn Roads.								
	(iv) P.C.C. Grade M-30 with minimum Cement Content @ 375 Kg/cum								

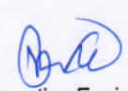
REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		1	67.00	3.00	0.15	30.15			
		1	39.00	3.00	0.15	17.55			
		1	35.00	3.00	0.15	15.75			
					Total	63.45	Cum	4391.00	278608.95

As per Estimate Amount Rs. 386609.31

Say Rs. 3,86,000


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


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


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

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

DETAILED ESTIMATE

Name of Work : const. of culvert at kalamiduggu w.no. 43


As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

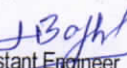
SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1	In all types of soils.	1	12.00	4.00	3.00	144.00	cum	185.00	26640.00
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.	1	12.00	4.00	0.20	9.60	cum	371.00	3561.60
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	11.50	3.80	0.15	6.55	cum	2970.00	19453.50
4	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded	2	10.00	3.00	0.20	12.00	cum	4073.00	48876.00

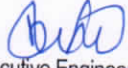
SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		stone aggregate 20mm nominal size).								
5	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		-raft	1	11.00	3.60	0.30	11.88			
			3	3.60	0.30	2.10	6.80			
			1	11.00	3.60	0.30	11.88			
			2	11.00	0.20	0.90	3.96			
						Total	34.52	cum	4163.00	143706.76
6	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	12.1	Thermo-Mechanically treated bars FE 415					3000.00	kg	54.50	163500.00
7	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
			2	11.50		0.30	6.90			
			2	3.80		0.30	2.28			
			2	11.00		0.30	6.60			
			2	3.60		0.30	2.16			
			3x2	3.60		2.10	45.36			
			3x2	0.30		2.10	3.78			
			2	11.00		0.30	6.60			
			2	3.60		0.30	2.16			

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
			1	11.00	3.60		39.60			
			2x2	11.00		0.90	39.60			
			2x2	10.00		0.20	8.00			
			2x3	3.00		0.20	3.60			
						Total	166.64	sqm	139.00	23162.96

As per Estimate Amount Rs. 428900.82
Say Rs.


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


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


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

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

DETAILED ESTIMATE

of Work : CONST. OF SHED AT NEAR BALGI W. NO. 55
As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	1.2	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	10.00	10.00		100.00	Sqm	7.20	720.00
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1	In all types of soils.								
		-Coloumn	6	1.80	1.80	1.60	31.10			
		-Wall	1	18.20	0.40	0.40	2.91			
		-Step	2	1.30	1.10	0.20	0.57			
						Total	34.58	cum	185.00	6397.30
3	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.					19.23	Cum	65.00	1249.95
4	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not								

ITEM DESCRIPTION		N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		6	1.80	1.60	0.10	1.72			
		1	6.50	7.00	0.20	9.10			
					Total	10.82	Cum	371.00	4014.22
5	1.19 Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	1	6.50	7.00	0.30	13.65	Cum	242.00	3303.30
6	1.25 Diluting chemical emulsion (chlorpyrifos/ lindane) in water as per manufacturers recommendation and injecting for pre-constructional curative cum preventive anti-termite treatment:(Five year service guarantee bond to be signed by contractor)								
	25.1 Surface treatment by spreading emulsion under floor, over the plinth area before laying base concrete @ 5 litres / sqm								
		6	1.80	1.80		19.44			
		1	6.50	7.00		45.50			
		1	26.60	0.40		10.64			
		2	1.30	1.10		2.86			
					Total	78.44	sqm	27.50	2157.10
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.								
	1.3 1:3:6 (1 cement : 3								

ITEM DESCRIPTION		N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	coarse sand : 6 graded stone aggregate 40mm nominal size).								
	-Col	6	1.80	1.80	0.10	1.94			
	-Floor	1	6.50	7.00	0.10	4.55			
	-Wall	1	26.60	0.40	0.08	0.85			
	-Step	2	1.30	1.10	0.08	0.22			
					Total	7.56	cum	2970.00	22453.20
8	3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.5 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	-Coping	1	31.00	0.20	0.08	0.49			
		1	8.00	1.00	0.15	1.20			
					Total	1.69	cum	4073.00	6883.37
9	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.								
	2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	-Col	6	1.50	1.50	0.30	4.05			
	--, Column Footing = 1/6 (NxH)(A1+A2+4Am) , A1 = 1.4x1.4, A2 = 0.25x0.45 Am = (1/2)(1.4x1.4+0.25x0.45), Column Footing = 1/6 (NxH)(A1+A2+4Am), A1 = 1.5x1.5, A2 = 0.25x0.45, Am = (1/2)(1.5x1.5+0.25x0.45)					3.19			
		6	0.20	0.40	1.05	0.50			
		6	0.20	0.40	4.00	1.92			

ITEM DESCRIPTION		N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	-Plinth Beam	1	26.60	0.20	0.30	1.59			
	-Lintel Beam	1	18.60	0.20	0.20	0.74			
	-Slab Beam	1	18.60	0.20	0.20	0.74			
		1	14.50	0.20	0.40	1.16			
		2	0.90	0.20	0.20	0.07			
	-Slab	1	7.20	8.50	0.12	7.34			
	-Still	4	3.40	0.20	0.10	0.27			
	-Under Flooring	1	6.50	7.00	0.08	3.64			
						Total			
10	3.4					25.21	cum	4163.00	104949.23
						12.24	Cum	97.50	1193.40
	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:								
11	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:								
	12.1					1600.00	kg	54.50	87200.00
	Thermo-Mechanically treated bars FE 415								
12	3.14					10.00	Kg	43.50	435.00
	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.								
13	3.16	1	30.00	0.75		22.50	Sqm	273.00	6142.50
	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.								
14	2.1								
	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and								

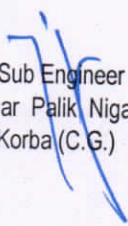
EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	including its removal at all levels, for:								
1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	-Col	6x4	1.50		0.30	10.80			
		6	1.20		1.05	7.56			
	-Plinth Beam	2	26.60		0.30	15.96			
		6	0.80		0.30	1.44			
		1	12.00		0.15	1.80			
					Total	37.56	sqm	139.00	5220.84
1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	6	1.20		3.50	25.20	sqm	297.00	7484.40
1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	-Slab	1	7.20	8.50		61.20			
		1	31.40		0.12	3.76			
	Deduction--	1	18.60	0.20		-3.72			
	Deduction--	1	16.30	0.20		-3.26			
	Deduction--	6	0.20	0.40		-0.48			
					Total	57.50	sqm	235.00	13512.50
1.8	Beams, lintels, cantilevers & walls								
	-Lintel Beam	1	18.60	0.20		3.72			
		2	18.60		0.20	7.44			
	-Slab Beam	1	18.60	0.20		3.72			
		1	14.50	0.20		2.90			
		2	0.90	0.20		0.36			
		2	18.60		0.20	7.44			
		2	0.90		0.20	0.36			
		2	0.20	0.20		0.08			
		2	14.50		0.40	11.60			
		4x2	3.40		0.10	2.72			
					Total	40.34	sqm	202.00	8148.68
15	4.13 Grading roof for water proofing treatment with:								
	13.1 Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	1	7.20	8.50	0.03	1.83	cum	3817.00	6985.11
16	7.6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate								

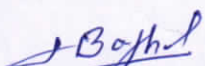
REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	for foundation and plinth:								
						11.51			
					Total	11.51	Cum	121.00	1392.71
17	9.6 Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.								
	6.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.					300.00	Kg	68.00	20400.00
18	11.1 Providing and making 6mm thick cement plaster of mix:								
	1.2 In Cement mortar 1:4 (1 cement : 4 fine sand)					72.00	sqm	87.00	6264.00
19	11.2 Providing and making 12mm thick cement plaster of mix:								
	2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)					90.45	sqm	96.50	8728.42
20	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)					90.45	sqm	113.00	10220.85
21	12.56 25mm thick Local RAJIM/ Red Flag stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over & jointed with grey cement slurry mixed with pigments to match the shade of the stone i/c grinding, rubbing and polishing.	1	6.50	7.00		45.50	Sqm	516.00	23478.00
22	12.57 25mm thick Local RAJIM/ Red Flag stone slab in riser of steps, skirting, dado and pillars laid on 12mm (Average) thick cement mortar 1:4 (1 cement : 4 coarse sand) and joint with grey cement slurry mixed with pigments to match								


ITEM DESCRIPTION		N	L	B	H/D	QTY	UNIT	RATE	AMOUNT	
	the shade of the slab i/c grinding, rubbing and polishing.									
		1	19.00		0.30	5.70				
		2x3	1.20	0.30		2.16				
		2x4	1.20		0.20	1.92				
		2x2	0.70	0.70		1.96				
					Total	11.74		595.00	6985.30	
23	14.9	Distempering with acrylic washable distemper to give an even shade.								
	9.1	On new work (Two or more coats)				138.86	sqm	38.00	5276.68	
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.				138.86	Sqm	94.50	13122.27	
25	14.14	Finishing walls with water proofing cement paint of required shade to give an even shade.								
	14.1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)				114.04	sqm	41.00	4675.64	
26	14.22	Painting on new work (two or more coats) to give an even shade with:								
	22.1	Satin synthetic enamel paint		4	2.50	1.50	15.00	sqm	55.00	825.00
27	14.41	Lettering with black Japan paint, per cm height.				880.00	per Lette	0.70	616.00	
28	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.								

ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
110 mm dia pipe.					7.00	metre	267.00	1869.00
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.								
.57.1 SS Grade 204					30.00	kg	467.00	14010.00
30 7.5 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:								
5.3 Cement Mortar 1:5 (1 cement : 5 coarse sand)								
-Below Plinth Beam	1	26.60	0.30	0.70	5.58			
-Step	2	1.20	1.00	0.20	0.48			
	2	1.20	0.70	0.20	0.33			
	2	1.20	0.40	0.20	0.19			
	1	18.60	0.20	3.30	12.27			
-PARAPET	1	28.00	0.20	0.40	2.24			
Deduction--	4	2.50	0.20	1.50	-3.00			
					Total	18.09 cum	3350.00	60601.50

As per Estimate Amount Rs. **466915.47**
Say Rs.


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


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


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

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

DETAILED ESTIMATE

Name of Work : MAINTENANCE WORK OF SEWER LINE CHAMBER ROAD.AT S. V. B. P. NAGAR W. NO. 51
As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	6.00	2.40	0.10	1.44	cum	2970.00	4276.80
2	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	1	6.00	2.40	0.15	2.16	cum	4073.00	8797.68
3	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.								
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	100	1.60	1.60	0.12	30.72	cum	4163.00	127887.36
4	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	100	1.60	1.60	0.12	30.72	cum	469.00	14407.68

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.								
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:								
12.1	Thermo-Mechanically treated bars FE 415					1627.00	kg	54.50	88671.50
6 2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
		2	6.00		0.10	1.20			
		3	2.40		0.10	0.72			
		2	6.00		0.15	1.80			
		2	2.40		0.15	0.72			
					Total	4.44	sqm	139.00	617.16
7 16.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.								
3.3	In cement mortar.						cum	263.00	
8 16.42	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.								
		110x2	1.60	0.20	0.40	28.16			
		110x2	1.20	0.20	0.40	21.12			
					Total	49.28	cum	768.00	37847.04

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
9 16.43	Demolishing cement concrete including disposal of material within 50 metre lead.								
43.2	1:3:6 or richer mix						cum	549.00	
10 20.1	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :								
1.3	200 mm diameter	1	100.00						
11 20.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete 150mm thick as per standard design:					100.00	metre	506.00	50600.00
2.3	200 mm diameter S.W. pipe	1	100.00						
12 20.3	Providing and fixing square-mouth S.W. gully trap grade 'A' complete with C.I. grating brick masonry chamber with well burnt modular clay bricks crushing strength not less than 35kg/cm ² , water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :					100.00	metre	508.00	50800.00
3.3	180x150 mm size P type								
13 20.4	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead but beyond 20m and disposal of unserviceable materials:					2.00	Each	1504.00	3008.00

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
4.3	200 mm diameter						metre	22.00	

As per Estimate Amount Rs. 386913.22
 Say Rs. - 3,87,000.00

[Signature]
 Sub Engineer
 Nagar Palik Nigam
 Korba (C.G.)

[Signature]
 Assistant Engineer
 Nagar Palik Nigam
 Korba (C.G.)

[Signature]
 Executive Engineer
 Nagar Palik Nigam
 Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C.G.)

DETAILED ESTIMATE

Name of Work : MAINTENANCE WORK OF PRIMARY AND MIDDLE SCHOOL TANGAMAR W. NO. 53
As per SOR : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1	In all types of soils.								
		-app. road	1	15.00	3.70	0.23	12.76			
		-b / wall	1	20.00	0.70	0.70	9.80			
						Total	22.56	cum	185.00	4173.60
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.								
			1	15.00	3.70	0.08	4.44			
			1	20.00	0.60	0.10	1.20			
						Total	5.64	cum	371.00	2092.44
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			1	15.00	3.60	0.08	4.32			
			1	20.00	0.60	0.10	1.20			

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT	
						Total	5.52	cum	2970.00	16394.40
4	3.1									
	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.									
	1.5									
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).									
		1	15.00	3.60	0.10	5.40				
		1	20.00	0.20	0.08	0.32				
						Total	5.72	cum	4073.00	23297.56
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.									
	2.1									
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).									
	-precast slab	4	3.00	3.00	0.10	3.60				
						2.00				
						Total	5.60	cum	4163.00	23312.80
6	3.12									
	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:									
	12.1					450.00	kg	54.50	24525.00	
	Thermo-Mechanically treated bars FE 415									
7	3.14									
	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.					5.00	kg	43.50	217.50	

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
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.								
		2	20.00	1.00		40.00			
		2	10.00	1.00		20.00			
					Total	60.00	sqm	273.00	16380.00
9	2.1								
	1.1								
		2	15.00		0.08	2.40			
		4	3.60		0.08	1.15			
		2	15.00	3.60	0.15	16.20			
		4	3.60		0.15	2.16			
					Total	21.91	sqm	139.00	3045.49
10	4.13								
	13.1								
		1	22.50	3.00	0.03	2.02			
		3	7.50	5.50	0.03	3.71			
					Total	5.73	cum	3817.00	21871.41
11	7.5								

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT	
	designation 4.0 in foundation and plinth in:									
5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)									
		1	10.00	0.50	0.20	1.00				
		1	10.00	0.40	0.20	0.80				
		1	10.00	0.30	0.30	0.90				
		1	10.00	0.20	1.50	3.00				
					Total	5.70	cum	3350.00	19095.00	
12	8.13									
	Providing and fixing flush door shutters, conforming to IS 2202 (Part 1), 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.									
	13.2	35 mm. thick (single leaf)	2	1.00	2.10	4.20	sqm	1370.00	5754.00	
13	8.52									
	Providing, and fixing M.S. round and square bars with MS flat of required pattern in wooden frames for windows & clerestory windows including applying a priming coat of red oxide zinc chromate primer, welding etc complete									
	52.1	Plain grill	2	1.20	1.20	25.00	72.00	kg	68.00	4896.00
14	8.96									
	Providing and fixing M.S. bright finished or black enameled Double spring hinges with iron screws:									
	96.2	125 mm				15.00	each	286.00	4290.00	
15	8.97									
	Providing and fixing M.S. bright finished or black enameled Piano hinges 1mm thick with 35mm wide flange including necessary iron screws.									
16	8.99									
	Providing and fixing M.S. bright finished or black enameled sliding door bolts									

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	with bolts, nuts and necessary iron screws:								
99.1	300x16mm					10.00	each	77.50	775.00
17 9.6	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.								
6.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.					50.00	Kg	68.00	3400.00
18 9.13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.					150.00	kg	75.00	11250.00
19 11.2	Providing and making 12mm thick cement plaster of mix:								
2.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)					57.00	sqm	96.50	5500.50
20 11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
3.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)					57.00	sqm	113.00	6441.00
21 12.51	Extra for nosing in steps and treads of Kota stone slab.						metre	69.50	
22 14.9	Distemping with acrylic washable distemper to give an even shade.								
9.1	On new work (Two or more coats)					700.00	sqm	38.00	26600.00
9.2	On old work (one or more coats)						sqm	17.50	
23 14.13	Providing and applying 2mm thick ready mix					1033.00	sqm	94.50	97618.50

