

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क्र. 6151/2024

सिस्टम टेंडर नं. 164200

कोरबा दिनांक 10.01.2025

ई-निविदा आमंत्रण सूचना

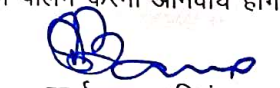
कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015 एवं विद्युत हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्चुरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 04.02.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 04.02.2025 सायंकाल 4.00 बजे से

क्र.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	नगर पालिक निगम, कोरबा क्षेत्रांतर्गत दर्रा जोन के वार्ड क 47 जमनीपाली में स्थित कांजी हाउस का जीर्णोद्धार एवं विकास कार्य (एन.टी. पी.सी., सी.एस.आर. मद)	29.90	22500/-	04 माह	1500/-	वर्ग डी एवं प्रवर श्रेणी	04.02.2025 से

शर्त:-

1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी
2. जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशिप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. संबन्धी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
 - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन- 495677 कोरबा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन लिफाफा स्वीकार नहीं किया जायेगा।
 - निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में निर्धारित प्रारूप में वैध शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
 - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्क्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एवं परफार्मेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।
5. जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
6. 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।
7. ईट से संबंधित निर्माण कार्यों में फ्लाइ ईश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
9. निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
10. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
11. निविदा प्रपत्र फार्म -ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा।
12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
13. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।
15. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा।
16. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना संभव नहीं होगा।
17. कार्य कियान्चयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
18. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।


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

प्रतिलिपि-

प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, रायपुर को uad.cg.gov.in में अपलोड करने हेतु प्रेषित।

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		10.01.2025	16.00	10.01.2025	16.00	Release Tender
2		Bid Submission	10.01.2025	16.00	03.02.2025	17.30	
3		Physical Document Submission	10.01.2025	16.00	04.02.2025	15.00	
4	Tender Open		04.02.2025	16.00	--	--	



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

OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)



DETAILED ESTIMATE

of Work : CONSTRUCTION OF BOUNDRY WALL OF KANJI HOUSE AT WARD 47 DARRI ZONE
 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	16.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.								
	3.3	In cement mortar.								
			1	220.00	0.23	1.50	75.90			
						Total	75.90	cum	263.00	19961.70
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	220.00	1.00		220.00			
			1	100.00	60.00		6000.00			
						Total	6220.00	sqm	7.20	44784.00
3	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.								
			75	1.20	1.20	1.20	129.60			
			1	220.00	0.30	0.10	6.60			
		Deduction--	75	0.30	0.30	0.10	-0.68			
						Total	135.52	cum	185.00	25071.20
4	1.18	Providing and filling in plinth with sand/ Crusher								

9

EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	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.								
		75	1.00	1.00	0.10	7.50			
					Total	7.50	cum	371.00	2782.50
5	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.								
	1.2 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
		75	1.00	1.00	0.10	7.50			
	soling base	1	220.00	0.30	0.10	6.60			
	Deduction--	75	0.30	0.30	0.10	-0.68			
					Total	13.42	cum	2659.00	35683.78
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								
	footing jali	75x2x8	1.00	0.62		740.40			
	col 0.2x0.3m	75x6	3.70	0.89		1478.52			
	stirrup	75x23	1.00	0.40		681.37			
	pb	1x6	220.00	0.89		1172.16			
		18x2	0.30	0.89		9.59			
		60x2	0.30	0.89		31.96			
	stirrup	1465	1.00	0.40		578.67			
					Total	4692.67	kg	54.50	255750.51
7	2.1 Providing and fixing form work including centring, shuttering, strutting,								

EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	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.								
	col below pb	75x2	0.20	0.70		21.00			
		75x2	0.30	0.70		31.50			
	pb	1x2	220.00	0.30		132.00			
					Total	184.50	sqm	139.00	25645.50
1.5	Columns, Pillars, Piers and likes- rectangular or square in shape								
		75x2	0.20	2.00		60.00			
		75x2	0.30	2.00		90.00			
					Total	150.00	sqm	297.00	44550.00
8	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:								
5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	brick soling	1	220.00	0.30	0.20	13.20			
	Deduction--	75	0.30	0.20	0.20	-0.90			
	above pb	1	220.00	0.20	2.00	88.00			
	Deduction--	75	0.30	0.20	1.50	-6.75			
					Total	93.55	cum	3263.00	305253.65
9	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:								
						88.00			
					Total	88.00	cum	121.00	10648.00
10	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								

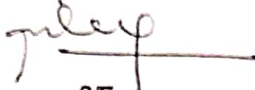
ITEM DESCRIPTION		N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	coarse sand : 3 graded stone aggregate 20mm nominal size).								
	footing	75	1.00	1.00	0.30	22.50			
	col up to plinth bottom	75	0.20	0.30	1.00	4.50			
	pb	1	220.00	0.20	0.30	13.20			
	above plinth	75	0.20	0.30	2.00	9.00			
					Total	49.20	cum	4163.00	204819.60
11	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 form work.								
		1	220.00	0.20	0.05	2.20			
					Total	2.20	cum	4237.00	9321.40
12	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	3.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		1	220.00	2.40		528.00			
					Total	528.00	sqm	107.00	56496.00
13	11.2 Providing and making 12mm thick cement plaster of mix:								
	2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		1	220.00	2.40		528.00			
					Total	528.00	sqm	91.50	48312.00
14	14.6 White washing with whiting to give an even shade.								
	6.1 On new work (Three or more coats)					528.00			
	as per 12 mm plaster					528.00			
	15 mm plaster	1	220.00	0.20		44.00			
					Total	1100.00	sqm	9.00	9900.00
15	14.15 Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give								


Sl. No.	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	protective and decorative finish including cleaning washing of surface etc. complete with:								
15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)					1100.00			
					Total	1100.00	sqm	56.00	61600.00
16	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.								
		75x2	1.00	0.40	0.40	24.00			
					Total	24.00	cum	65.00	1560.00
17	1.26 Carriage by mechanical transport upto 5 km lead:								
	26.1 Earth					111.53			
					Total	111.53	cum	111.00	12379.83
18	9.14 Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.								
						1200.00			
					Total	1200.00	kg	79.50	95400.00
19	14.22 Painting on new work (two or more coats) to give an even shade with:								
	22.1 Satin synthetic enamel paint					14.40			
		2	3.60	2.00					

13

ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
				Total	14.40	sqm	55.00	792.00

As per Estimate Amount Rs. 1270711.66
Say Rs.


S/E
Nagar Palik Nigam
Korba(C.G.)


A.E.
Nagar palik Nigam
korba(C.G.)

OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)

DETAILED ESTIMATE

14

of Work : CONSTRUCTION OF RCC SHADE FOR KANJI HOUSE AT WARD 47 DARRI ZONE
 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	14.00	8.00		112.00			
						Total	112.00	sqm	7.20	806.40
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.								
			12	1.50	1.50	1.50	40.50			
						Total	40.50	cum	185.00	7492.50
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.								
			12	1.50	1.50	0.10	2.70			
			1	11.40	5.40	0.10	6.15			
						Total	8.85	cum	371.00	3283.35

	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1.1	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.								
1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
		12	1.50	1.50	0.10	2.70			
		1	11.40	5.40	0.10	6.15			
					Total	8.85	cum	2659.00	23532.15
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					2620.00			
					Total	2620.00	kg	54.50	142790.00
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.								
		12X4	1.20	0.30		17.28			
		12X4	0.90	0.20		8.64			
	COL UP TO PLINTH	12X4	0.30	0.80		11.52			
	PB	2	36.00	0.30		21.60			
					Total	59.04	sqm	139.00	8206.56
1.4	Edge of slab, breaks in floor and walls upto 200mm.					36.00			

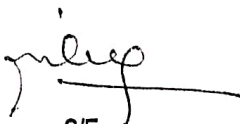
EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT	
						Total	36.00	metre	34.00	1224.00
1.5	Columns, Pillars, Piers and likes- rectangular or square in shape									
		12X4	0.30	2.10		30.24				
		12X4	0.30	1.00		14.40				
						Total	44.64	sqm	297.00	13258.08
1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)									
		1	12.60	6.60		83.16				
						Total	83.16	sqm	235.00	19542.60
1.8	Beams, lintels, cantilevers & walls									
		2	36.00	0.20		14.40				
		2	36.00	0.20		14.40				
						Total	28.80	sqm	202.00	5817.60
7	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).									
		12	1.20	1.20	0.30	5.18				
		12	0.90	0.90	0.20	1.94				
		12	0.30	0.30	0.80	0.86				
		2	12.00	0.20	0.30	1.44				
		2	5.60	0.20	0.30	0.67				
		12	0.30	0.30	2.10	2.26				
		2	12.00	0.20	0.20	0.96				
		2	5.60	0.20	0.20	0.44				
		12	0.30	0.30	1.00	1.08				
		2	12.00	0.20	0.20	0.96				
		2	5.60	0.20	0.20	0.44				
		1	12.60	6.60	0.12	9.97				
						Total	26.20	cum	4163.00	109070.60
8	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class									


EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	designation 4.0 in foundation and plinth in:								
5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
		12X2	0.60	0.20	0.80	2.30			
		2	12.00	0.30	0.10	0.72			
		2	5.40	0.30	0.10	0.32			
	Deduction--	12	0.30	0.30	0.10	-0.11			
		2	12.00	0.20	2.10	10.08			
	Deduction--	12	0.30	0.20	2.10	-1.51			
	Deduction--	7	1.50	0.20	1.50	-3.15			
	Deduction--	1	3.00	0.20	2.10	-1.26			
		2	12.00	0.20	1.00	4.80			
		2	5.60	0.20	1.00	2.24			
	Deduction--	12	0.30	0.20	1.00	-0.72			
		2	12.60	0.20	0.30	1.51			
		2	6.20	0.20	0.30	0.74			
	KOTNA	1	17.20	0.20	0.60	2.06			
		12	0.60	0.20	0.60	0.86			
					Total	18.88	cum	3263.00	61605.44
9	11.2 Providing and making 12mm thick cement plaster of mix:								
	2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		2	11.60	3.50		81.20			
		2	5.60	3.50		39.20			
	Deduction--	7	1.50	1.50		-15.75			
	Deduction--	1	3.00	2.10		-6.30			
		2	12.20	0.30		7.32			
		2	5.20	0.30		3.12			
		12X2	0.60	0.60		8.64			
					Total	117.43	sqm	91.50	10744.84
10	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	3.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		2	12.00	3.90		93.60			
		2	6.00	3.90		46.80			
	Deduction--	12	0.30	3.90		-14.04			
	Deduction--	7	1.50	1.50		-15.75			
	Deduction--	1	3.00	2.10		-6.30			
		2	12.60	0.30		7.56			
		2	6.60	0.30		3.96			
		1	17.20	0.60		10.32			
					Total	126.15	sqm	107.00	13498.05
11	14.5 White washing with lime to								

ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
give an even shade.								
5.1 On new work (Three or more coats)								
					108.79			
					115.83			
	1	12.00	6.00		72.00			
				Total	296.62	sqm	9.40	2788.22
12 14.15 Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:								
15.1 On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)								
					296.62			
				Total	296.62	sqm	56.00	16610.72
13 12.49 25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								
	1	11.40	5.40		61.56			
				Total	61.56	sqm	897.00	55219.32
14 9.14 Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer. GRILL								
					350.00			

ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
GATE					150.00			
				Total	500.00	kg	79.50	39750.00
14.22 Painting on new work (two or more coats) to give an even shade with:								
22.1 Satin synthetic enamel paint								
	7X2	1.50	1.50		31.50			
	1X2	3.00	2.10		12.60			
				Total	44.10	sqm	55.00	2425.50
16 11.5 Neat Cement punning.								
					20.00			
				Total	20.00	sqm	33.00	660.00
17 1.26 Carriage by mechanical transport upto 5 km lead:								
26.1 Earth								
					40.50			
				Total	40.50	cum	111.00	4495.50

As per Estimate Amount Rs. 542821.44
 Say Rs.


 S/E
 Nagar Palik Nigam
 Korba(C.G.)


 A.E.
 Nagar palik Nigam
 korba(C.G.)

DETAILED ESTIMATE

Work : CONSTRUCTION OF TOILET FOR KANJI HOUSE AT WARD 47 DARRI ZONE
 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.								
			4	1.20	1.20	1.20	6.91			
			1	1.80	1.40	1.50	3.78			
						Total	10.69	cum	185.00	1977.65
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.								
			4	1.20	1.20	0.10	0.57			
			1	1.80	1.40	0.10	0.25			
						Total	0.82	cum	371.00	304.22
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.								
	1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
			1	1.20	1.20	0.10	0.14			
			1	4.00	3.00	0.10	1.20			

EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		1	1.80	1.40	0.10	0.25			
					Total	1.59	cum	2659.00	4227.81
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					550.00			
					Total	550.00	kg	54.50	29975.00
5	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.								
		4X4	1.00	0.30		4.80			
		4X2	0.20	0.70		1.12			
		4X2	0.30	0.70		1.68			
		2X2	4.00	0.30		4.80			
		2X2	3.00	0.30		3.60			
					Total	16.00	sqm	139.00	2224.00
	1.4 Edge of slab, breaks in floor and walls upto 200mm.					14.60			
					Total	14.60	metre	34.00	496.40
	1.5 Columns, Pillars, Piers and likes- rectangular or square in shape								
		4X2	0.20	2.10		3.36			
		4X2	0.30	2.10		5.04			
					Total	8.40	sqm	297.00	2494.80
	1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								

EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
		1	4.60	3.60		16.56			
					Total	16.56	sqm	235.00	3891.60
1.8	Beams, lintels, cantilevers & walls								
		2X2	4.00	0.20		3.20			
		2X2	3.00	0.20		2.40			
					Total	5.60	sqm	202.00	1131.20
6	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).								
		4	1.20	1.20	0.30	1.72			
		4	0.20	0.30	0.70	0.16			
		2	4.00	0.20	0.30	0.48			
		2	2.60	0.20	0.30	0.31			
		4	0.20	0.30	2.10	0.50			
		2	4.00	0.20	0.20	0.32			
		2	2.60	0.20	0.30	0.31			
		1	4.60	3.60	0.12	1.98			
		1	1.80	1.40	0.10	0.25			
					Total	6.03	cum	4163.00	25102.89
7	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:								
	5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)								
		4X2	0.35	0.20	0.70	0.39			
		2	4.00	0.20	0.30	0.48			
		2	3.00	0.20	0.30	0.36			
	Deduction--	4	0.20	0.20	0.30	-0.05			
		2	4.00	0.20	2.10	3.36			
		2	3.00	0.20	2.10	2.52			
	Deduction--	4	0.20	0.20	2.10	-0.34			
		1	3.00	0.20	2.10	1.26			
	ST	2	1.80	0.20	1.50	1.08			
		2	1.00	0.20	1.50	0.60			
					Total	9.66	cum	3263.00	31520.58

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)					21.60			
		2	4.00	2.70		16.20			
		2	3.00	2.70		6.30			
		1	3.00	2.10		-2.10			
	Deduction--	1	1.00	2.10					
					Total	42.00	sqm	107.00	4494.00
9	11.2 Providing and making 12mm thick cement plaster of mix:								
	2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)					18.90			
		3	3.00	2.10		16.80			
		2	4.00	2.10		-2.10			
	Deduction--	1	1.00	2.10		4.20			
		2	1.40	1.50		3.00			
		2	1.00	1.50					
					Total	40.80	sqm	91.50	3733.20
10	12.7 Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.								
	7.1 Size upto 200x300mm					18.90			
		3	3.00	2.10		16.80			
		2	4.00	2.10					
					Total	35.70	sqm	587.00	20955.90
11	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								

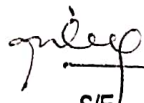
24

EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	pigment etc., complete.								
9.1	Size 300x300mm								
		1	4.00	3.00		12.00			
					Total	12.00	sqm	692.00	8304.00
12	14.5 White washing with lime to give an even shade.								
	5.1 On new work (Three or more coats)								
		2	4.00	2.70		21.60			
		2	3.00	2.70		16.20			
		1	4.00	3.00		12.00			
					Total	49.80	sqm	9.40	468.12
13	14.15 Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:								
	15.1 On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)								
						49.80			
					Total	49.80	sqm	56.00	2788.80
14	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :								
	1.1 White Long pattern W.C. pan of size 580 mm								
						1.00			
					Total	1.00	each	2459.00	2459.00

EF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:								
13.3	Wall corner type urinal of sizes 340x410x265mm								
						1.00			
					Total	1.00	each	1659.00	1659.00
16	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :								
18.17	White Size 550x450 mm								
17.1						2.00			
					Total	2.00	each	1430.00	2860.00
17	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.								
18.25	32 mm dia								
25.1						3.00			
					Total	3.00	each	68.50	205.50
18	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.								
18.76	110 mm dia pipe.								
76.2						10.00			
					Total	10.00	metre	267.00	2670.00

#	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL								
4.1	15 mm nominal outer dia .Pipes.								
						10.00			
					Total	10.00	metre	110.00	1100.00
23	19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 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		7.30	7300.00

As per Estimate Amount Rs. 165271.67
Say Rs.


S/E
Nagar Palik Nigam
Korba(C.G.)


A.E.
Nagar palik Nigam
korba(C.G.)

(28)

OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.)

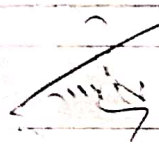
DETAILLED ESTIMATE
APPROACH ROAD AND REPAIRING OF EXISTING BUILDING
SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

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	35.00	3.50	0.10	12.25			
						Total	12.25	cum	185.00	2266.25
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	35.00	3.50	0.10	12.25			
						Total	12.25	cum	371.00	4544.75
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.								
	1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
			1	35.00	3.50	0.10	12.25			

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
					Total	12.25	cum	2659.00	32572.75
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:								
	1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
		2	35.00	0.10		7.00			
		2	35.00	0.15		10.50			
					Total	17.50	sqm	139.00	2432.50
5	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	35.00	3.50	0.15	18.37			
					Total	18.37	cum	4073.00	74621.01
6	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	30.00	30.00	0.40	360.00			
					Total	360.00	cum	242.00	87120.00
7	16.3 Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.								

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
3.3	In cement mortar.								
		2	3.00	0.20	2.10	2.52			
		2	4.00	0.20	2.10	3.36			
					Total	5.88	cum	263.00	1546.44
8	17.1	Repairs to plaster in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls with cement mortar 1:4 (1 cement : 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lead :							
	1.1	Thickness upto 15mm							
		4	2.00	1.00		8.00			
		5	1.00	1.00		5.00			
					Total	13.00	sqm	132.00	1716.00
9	14.5	White washing with lime to give an even shade.							
	5.1	On new work (Three or more coats)							
		2	9.00	3.50		63.00			
		2	3.70	3.50		25.90			
		2X2	7.00	3.10		86.80			
		2X2	3.70	3.10		45.88			
					Total	221.58	sqm	9.40	2082.85
10	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:							
	15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)							
						221.58			
					Total	221.58	sqm	56.00	12408.48
11	12.49	25 mm thick KOTA stone							

REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
	slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								
		1	9.00	3.70		33.30			
		1	7.00	3.70		25.90			
					Total	59.20	sqm	897.00	53102.40
12	9.14								
	Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.								
						300.00			
					Total	300.00	kg	79.50	23850.00
13	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	9.00	3.70	0.05	1.66			
		1	7.00	3.70	0.05	1.29			
					Total	2.95	cum	4073.00	12015.35
14	14.22								
	Painting on new work (two or more coats) to give an even shade with:								
	22.1								
	Satin synthetic enamel paint								
						20.00			
					Total	20.00	sqm	55.00	1100.00



 Total As per Estimate Amount Rs. **311578.78**
 Say Rs.