

# कार्यालय, नगर पालिक निगम, कोरवा (छत्तीसगढ़)

फा.क. 873/2025

रिस्टम टेंडर नं. 171695

कोरवा दिनांक 07.07.2025

## ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरवा 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 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्चरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 31.07.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 31.07.2025 सायंकाल 4.00 बजे से

क्र.	कार्य का नाम	प्राक्कलन राशि (लाख में)	घरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	मंगल भवन निर्माण आनंद नगर भैरोताल में लोहार घाट खोलर नदी के किनारे वार्ड क 57 (अ.जा.वि.प्रा. म.द)	15.00	11300/-	03 माह	750/-	वर्ग डी एवं प्रदर श्रेणी	31.07.2025 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 अगले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पैन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं घरोहर राशि FDR/TDR, शपथपत्र का स्कैन कापी ऑन लाईन रिस्टम 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 प्रतिलिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरवा साकेत भवन, आई.टी.आई. चौक रामपुर कोरावाडी पिन- 495677 कोरवा 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 पश्चात् का, निविदा कर्मांक 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, कोरवा 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 संचारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी 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 प्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का विल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का विल 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, कोरवा 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, कोरवा 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 वजट 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 संभव नहीं होगा।
17. कार्य क्रियान्वयन 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।

प्रतिलिपि:-

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

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

**Date-Time Detail(s)**

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		07.07.2025	15.30	07.07.2025	15.30	Release Tender
2		Bid Submission	07.07.2025	15.30	29.07.2025	17.30	
3		Physical Document Submmission	07.07.2025	15.30	31.07.2025	15.00	
4	Tender Open		31.07.2025	16.00	--	--	

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



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

## DETAILED ESTIMATE

**Name Of Work :-** मंगल भवन निर्माण आनंद नगर भैरोताल में लोहार घाट खोलर नदी के किनारे वार्ड 57 (सार्वजनिक उपयोग हेतु)

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

S. N.	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 inequalities 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	25.00	15.00		375.00			
						Total	375.00	sqm	7.20	2700.00
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.								
		Col	15	2.10	2.10	1.70	112.46			
		Wall	1	13.60	0.40	0.40	2.18			
		Step	1	2.30	1.20	0.40	1.10			
		S.T	1	3.60	3.00	1.80	19.44			
						Total	135.18	Cum	185.00	25008.30
3	1.6	Extra for every additional lift of 1.5 m or part thereof.								
	6.1	All types of soils								
		Col	15	2.10	2.10	0.20	13.23			
			1	3.60	3.00	0.30	3.24			
						Total	16.47	Cum	26.50	436.46
4	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.								
							58.00			
						Total	58.00	Sqm	65.00	3770.00

5	1.18	Providing and filling in plinth with sand & 1/2 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.							
		Col.	15	2.10	2.10	0.10	6.62		
			1	12.00	6.00	0.40	28.80		
			1	6.00	3.00	0.40	7.20		
		S.T	1	3.60	3.00	0.10	1.08		
						Total	43.70	Cum	371.00
									16212.70
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	12.00	6.00	0.30	21.60		
			1	6.00	3.00	0.30	5.40		
						Total	27.00	Cum	242.00
									6534.00
7	1.26	Carriage by mechanical transport upto 5 km lead							
	26.1	Earth							
							15.00	Cum	111.00
									1665.00
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.							
	1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).							
			15	1.70	1.70	0.10	4.34		
			1	40.20	0.40	0.08	1.29		
			1	3.60	3.00	0.10	1.08		
			1	12.00	6.00	0.10	7.20		
			1	6.00	3.00	0.10	1.80		
			1	2.20	1.20	0.10	0.26		
						Total	15.97	Cum	2659.00
									42464.23
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).							
			15	1.50	1.50	0.50	16.88		
			15	0.20	0.30	1.40	1.26		
			15	0.20	0.30	3.60	3.24		
			4	0.20	0.30	2.40	0.58		



			1	40.20	0.20	0.30	2.41			
			1	40.20	0.20	0.20	1.61			
			1	40.20	0.20	0.20	1.61			
			3	6.00	0.20	0.40	1.44			
			1	12.00	0.20	0.20	0.48			
			2	3.00	1.50	0.13	1.13			
			18	0.50	1.50	0.17	2.30			
			2	2.59	1.50	0.13	0.97			
			1	16.20	7.20	0.13	14.58			
			1	3.60	3.00	0.13	1.35			
			2	15.20	0.50	0.09	1.37			
			1	2.00	0.50	0.09	0.09			
			1	40.20	0.20	0.10	0.80			
			6	0.20	0.30	3.20	1.15			
			1	17.70	0.20	0.20	0.71			
			1	17.70	0.20	0.20	0.71			
			1	2.85	0.20	0.20	0.11			
			1	17.70	0.20	0.10	0.35			
			1	2.85	0.10	0.10	0.03			
			1	2.85	0.10	0.10	0.03			
			1	6.70	3.60	0.12	2.89			
			3	1.50	0.50	0.09	0.20			
						Total	58.27	Cum	4163.00	242578.01
10	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					4295.00	Kg	54.50	234077.50
11	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:					39.90	Cum	97.50	3890.25
12	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.								
13	3.14	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.					0.64	Cum	4237.00	2711.68
							30.00	Kg	43.50	1305.00

14	3.16	making 50mm thick plinth portion 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.								
			1	45.20		0.75	33.90			
						Total	33.90	Cum	273.00	9254.70
15	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.								
		Col.	16	4.00	1.70	0.10	10.88			
			16	4.00	1.50	0.50	48.00			
			16	1.00		1.40	22.40			
			2	40.20		0.30	24.12			
		P/Beam	1	8.00		0.12	0.96			
			2	4.00		0.12	0.96			
						Total	106.36	Sqm	139.00	14784.04
	1.3	Window sills, anchor blocks, string course, bends, copings, bed plates and like.								
			2	4.20		0.10	0.84			
			2	17.70		0.10	3.54			
			2	2.85		0.10	0.57			
						Total	4.95	Sqm	184.00	910.80
	1.4	Edge of slab, breaks in floor and walls upto 200mm.								
			1	60			60.00			
			1	19.90			19.90			
						Total	79.90	metre	34.00	2716.60
	1.5	Columns, Pillars, Piers and likes- rectangular or square in shape								
			15	1.00		3.60	54.00			
			6	1.00		3.20	19.20			
						Total	73.20	Sqm	297.00	21740.40
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
			1	16.20		7.20	116.64			
			1	3.60		3.00	10.80			
			1	3.60		6.70	24.12			
		Deduction--	1	40.20		0.20	8.04			
		Deduction--	1	12.80		0.20	2.56			



						140.96	Sqm	235.00	33125.60
1.8	Beams, lintels, cantilevers & walls								
		2	40.20		0.20	16.08			
		1	40.20		0.20	8.04			
		2	40.20		0.20	16.08			
		1	40.20		0.20	8.04			
		3	6.00		0.20	3.60			
		3	2.00	6.00	0.40	14.40			
		1	12.00		0.20	2.40			
		2	12.00		0.10	2.40			
		2	17.70		0.20	7.08			
		1	17.70		0.20	3.54			
		2	17.70		0.20	7.08			
		1	17.70		0.20	3.54			
		2	2.85		0.10	0.57			
		2	2.85		0.10	0.57			
					Total	93.42	Sqm	202.00	18870.84
1.13	Weather shade, chhajja, Cornices and mouldings								
		2	15.20		0.50	15.20			
		2	15.20		0.08	2.43			
		4	0.50		0.09	0.18			
		1	2.00		0.50	1.00			
		1	2.00		0.08	0.16			
		2	0.50		0.09	0.09			
		3	1.50		0.50	2.25			
		3	1.50		0.08	0.36			
		6	0.50		0.09	0.27			
					Total	21.94	Sqm	294.00	6450.36
1.15	Stair cases of all types excluding spiral and folded plate type, including risers and landings								
		2	3.00		1.50	9.00			
		2	2.59		1.50	7.77			
		20	1.50		0.17	5.10			
					Total	21.87	Sqm	230.00	5030.10
16	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	16.20	7.20	0.03	3.50			
		1	6.70	3.60	0.03	0.72			
					Total	4.22	cum	3817.00	16107.74
17	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)								
		1	40.20	0.20	0.70	5.63			
		1	2.00	1.00	0.40	0.80			

			1	2.00	0.70	0.20	0.28			
			1	2.00	0.40	0.20	0.16			
			2	3.60	0.20	1.70	2.45			
			2	2.60	0.20	1.70	1.77			
			1	2.60	0.20	1.70	0.88			
			1	40.20	0.20	2.90	23.32			
			1	40.00	0.20	0.90	7.20			
			1	12.00	0.20	2.20	5.28			
			1	17.70	0.20	2.80	9.91			
			1	17.70	0.20	0.40	1.42			
							59.09			
		Deduction (-)								
		D	2	2.00	0.20	2.10	1.68			
		D.	1	1.00	0.20	2.10	0.42			
		W	9	1.20	0.20	1.50	3.24			
		D.	1	1.00	0.20	2.10	0.42			
		W	2	1.20	0.20	1.20	0.58			
						Total	6.34			
						G.Total =	52.76	Cum	3350.00	176746.00
18	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:					51.11	Cum	121.00	6184.31
19	7.11	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:								
	11.2	Cement Mortar 1:4 (1 cement : 4 coarse sand)								
			1	1.65		2.10	3.47			
			1	2.85		3.20	9.12			
		Deduction--	1	0.80		2.10	1.68			
			1	0.80		2.10	1.68			
							9.23	Sqm	382.00	3525.86
20	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:								
							7.44	Sqm	22.00	163.68
21	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								



			1	10.00			10.00	metre	346.00	3460.00
22	8.152	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								
	152.2	Both side Pre-laminated panel PVC door shutter								
			1	0.80	2.10		1.68			
			1	0.80	2.10		1.68			
					Total		3.36	Sqm	2832.00	9515.52
23	9.16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with								
	16.2	Angle-iron frames					200.00	kg	73.50	14700.00
24	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.								
							240.00	kg	79.50	19080.00
2	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								
							270.00	kg	75.00	20250.00
25	11.1	Providing and making 6mm thick cement plaster of mix:								
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)					211.96	Sqm	87.00	18440.52
26	11.2	Providing and making 12mm thick cement plaster of mix								
	2.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)					211.30	Sqm	96.50	20390.45

27	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)					236.84	Sqm	113.00	26762.92		
28	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.										
	7.2	Size above 200x300mm										
							28.35	Sqm	646.00	18314.10		
29	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete										
	9.2	Size above 300x300mm										
			1	2.85	1.50		4.28					
			1	3.00	1.50		4.50					
						Total	8.78	Sqm	728.00	6391.84		
30	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.										
	13.1	Size 600x600mm										
			1	6.00		12.00	72.00					
			1	3.00		2.00	6.00					
			1	15.60			15.60					
			1	4.40		2.85	12.54					
			1	1.88			1.88					
						Total	108.02	Sqm	1151.00	124331.02		



27	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)					236.84	Sqm	113.00	26762.92		
28	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.										
	7.2	Size above 200x300mm										
29	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete					28.35	Sqm	646.00	18314.10		
	9.2	Size above 300x300mm										
			1	2.85	1.50		4.28					
			1	3.00	1.50		4.50					
						Total	8.78	Sqm	728.00	6391.84		
30	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.										
	13.1	Size 600x600mm										
			1	6.00		12.00	72.00					
			1	3.00		2.00	6.00					
			1	15.60			15.60					
			1	4.40		2.85	12.54					
			1	1.88			1.88					
						Total	108.02	Sqm	1151.00	124331.02		

27	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)				236.84	Sqm	113.00	26762.92	
28	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.								
	7.2	Size above 200x300mm								
						28.35	Sqm	646.00	18314.10	
29	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete								
	9.2	Size above 300x300mm								
			1	2.85	1.50	4.28				
			1	3.00	1.50	4.50				
						Total	8.78	Sqm	728.00	6391.84
30	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.								
	13.1	Size 600x600mm								
			1	6.00		12.00	72.00			
			1	3.00		2.00	6.00			
			1	15.60			15.60			
			1	4.40		2.85	12.54			
			1	1.88			1.88			
						Total	108.02	Sqm	1151.00	124331.02



31	12.14	Estimate for providing and laying vitrified floor tiles with 2-5mm groove in between the tiles including grouting the groove with water resistant epoxy compound or with white cement and approved pigments etc. Complete								
	14.1	Size 600x600mm								
						106.14	Sqm	54.00	5731.56	
32	14.22	Painting on new work (two or more coats) to give an even shade with:								
	22.1	Satin synthetic enamel paint								
			4	1.10	2.00	2.10	18.48			
			2	1.10	1.00	2.10	4.62			
			18	1.10	1.20	1.50	35.64			
			9	1.20	1.50		16.20			
			10	0.60	0.30		1.80			
			2	1.10	2.00	2.10	9.24			
			6	1.10	1.20	1.50	11.88			
			2	0.60	0.30		0.36			
						Total	98.22	Sqm	55.00	5402.10
33	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	40.00	0.20	0.08	0.64			
			1	6.85	4.00	0.12	3.29			
						Total	3.93	Cum	4073.00	16006.89
34	14.49	Wall painting with premium emulsion (plastic) manufactured with the cow dung processing emulsion paint of required shade to give an even shade.								
	49.1	On new work (two or more coats)					362.57	Sqm	69.00	25017.33
35	14.50	Painting exterior surface with ACRYLIC SMOOTH exterior paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with:								

	50.1	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)					274.28	Sqm	79.00	21668.12
36	14.51	Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth and even.					636.85	Sqm	101.00	64321.85
37	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								
	1.1	White Long pattern W.C. pan of size 580 mm								
							2.00	each	2459.00	4918.00
38	18.13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:								
	13.1	Flat back half stall urinal of size 460x380x250mm								
							2.00	each	1776.00	3552.00
39	18.20	Providing and fixing stainless steel AISI-304(18/8) 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 :								
	20.1	Size 450x380 mm					2.00	each	3876.00	7752.00
40	18.25	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete								
	25.1	32 mm dia					2.00	each	68.50	137.00
41	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								



[illegible]

47	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	litre	7.30	7300.00
48	19.43	Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the same :					2.00	Each	125.00	250.00
49	19.44	Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof					2.00	Each	94.00	188.00
50	19.45	Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.					120.00	Each	46.00	5520.00
51	19.47	Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm <sup>2</sup> in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix					2.00	Each	754.00	1508.00
52	20.6	Providing, lowering, laying, aligning, fixing in position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sewer application as								
	6.2	150 mm dia					20.00	metre	771.00	15420.00



3	20.7	Constructing brick masonry manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm <sup>2</sup> in cement mortar 1:4 (1 cement : 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation in cement concrete 1:4:8 mix								
	7.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg								
							1.00	Each	6703.00	6703.00
54	20.31	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.					1.00	Each	1709.00	1709.00
<b>ELECTRICAL PART</b>										
55	3.1	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit, with 5 amp piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with same size cable etc as required.								
	1.1	Short Point					16.00	Point	236.00	3776.00
	1.2	Medium Point					18.00	Point	388.00	6984.00
	1.3	Long Point					16.00	Point	553.00	8848.00
56	3.9	Extra for providing and fixing light plug point on board in concealed PVC conduit point wiring with modular type 3 pin 5 amp socket outlet and 5 amp switch including cost of base and cover plate and G. I. box etc. as required.					4.00	Point	240.00	960.00
57	3.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed PVC conduit as required.								
	13.11	6 X 2.5 sq. mm in 25mm conduit					15.00	Mtr	172.00	2580.00
	13.3	6 X 2.5 sq. mm in 25mm conduit					12.00	Mtr	172.00	2064.00

58	7.1	Supplying and fixing following plain type switch, socket, other accessories on the existing switch box/ cover including connections etc. as required.							
	1.12	Fan regulator Electronic, step type moving all round				11.00	Each	178.00	1958.00
59	8.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required.							
	1.3	1400 mm sweep				11.00	Each	1637.00	18007.00
60	8.6	Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as required.							
	6.1	300 mm sweep				5.00	Each	2558.00	12790.00
61	8.11	Supplying, installation, testing and commissioning of following T-5 fluorescent fitting (luminaries) complete with electronic ballast but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.							
	11.1	Single box type with decorative end caps				4.00	Each	635.00	2540.00
62	8.18	Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as							
	18.7	26 Watt				4.00	Each	289.00	1156.00
	18.11	85 Watt				2.00	Each	907.00	1814.00
63	8.19	Supplying, fixing, testing and commissioning of following CFL without ballast in existing CFL lighting luminaries as required.							
	19.5	36W CFL (without choke)				5.00	Each	176.00	880.00
	19.3	1x250 watt				1.00	Each	7086.00	7086.00



64	8.29	Supplying, installation, testing and commissioning of following 230/250 volts CFL street light fitting with perplex cover on pole bracket complete but without lamp as required.								
	29.2	85 watt					1.00	Each	1407.00	1407.00
65	8.34	Supplying, fixing, testing and commissioning of following 230/250 volts metal halide lamp in existing lighting luminaries fixed on pole/ wall/ roof etc as required.								
	34.3	250 watt (T)					1.00	Each	1403.00	1403.00
66	9.10	Providing and fixing metal clad, TP&N switch fuse unit (rewirable), 415/500 volts, with porcelain re-wireble fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).								
	10.2	63 amps					1.00	Each	1821.00	1821.00
67	9.11	Providing and fixing porcelain re-wireble fuse carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as required. (Thimbeling shall be paid separately).								
	11.3	63 amps					3.00	Each	157.00	471.00
68	11.2	Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board of sheet steel phosphatized and powder painted complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator)								
	2.1	4 way, Single door					2.00	Each	602.00	1204.00
69	11.12	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.								
	12.3	40 amps					2.00	Each	684.00	1368.00

70	11.11	Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.							
	11.2	6 amps to 32 amps				3.00	Each	154.00	462.00
71	14.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.				2.00	Set	3454.00	6908.00
72	14.19	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as required.				10.00	Mtr	20.50	205.00
73	17.8	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as required.							
	8.2	2 x 10 sq. mm				12.00	Mtr	88.00	1056.00
	8.13	4 x 10 sq. mm.				14.00	Mtr	108.00	1512.00
74	21.15	Supplying and fixing of 32mm dia x 2 metre long G.I pipe (light) bracket for mounting street light fittings of all types on poles including bending the pipe to the required shape, 2 Nos 40x3mm flat iron clamps with bolts and nuts including wiring with 1.5 sq. mm W.P /PVC wire etc. as required.				2.00	Each	823.00	1646.00

As per Estimate Amount Rs.

Say Rs.

1499985.38

Rs. 15,00,000/-



Sub Er.  
Nagar Palik Nigam  
Korba



Asst. Er.  
Nagar Palik Nigam  
Korba