

# कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क्र. 655/2025

सिस्टम टेंडर नं.172420

कोरबा दिनांक 22.07.2025

## ई-निविदा आमंत्रण सूचना

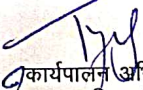
कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत 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 — 20.08.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि — 20.08.2025 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	वार्ड क 53 अंतर्गत चोरभट्टी में मंगल भवन अहाता सहित निर्माण कार्य (जि.ख.न्या.मद)	10.00	7500/-	03 माह	750/-	वर्ग डी एवं प्रवर श्रेणी	20.08.2025 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 (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पैन नम्बर, वैध 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 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 वैध शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) 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 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 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 (वर्तमान तक वैधता/Form-5A) 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 फ्लाई एश 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 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।

  
कार्यपालक 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		22.07.2025	15.30	22.07.2025	15.30	Release Tender
2		Bid Submission	22.07.2025	15.30	18.08.2025	17.30	
3		Physical Document Submission	22.07.2025	15.30	20.08.2025	15.00	
4	Tender Open		18.08.2025	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 :-** वार्ड क्र. 53 मानिकपुरी पनिका समाज के मांग अनुरूप चोरमट्टी में मंगल भवन अहाता सहित निर्माण कार्य।

**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	20.00	10.00		200.00			
						Total	200.00	sqm	7.20	1440.00
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	13	2.10	2.10	1.80	103.19			
		Wall	1	12.18	0.40	0.40	1.95			
		Step	1	2.00	1.20	0.20	0.48			
		S.T	1	3.60	3.00	1.80	19.44			
						Total	125.06	Cum	185.00	23136.62
3	1.6	Extra for every additional lift of 1.5 m or part thereof.								
	6.1	All types of soils								
		Col	13	2.10	2.10	0.30	17.20			
			1	3.60	3.00	0.30	3.24			
						Total	20.44	Cum	26.50	541.63
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.								
							52.78			
						Total	52.78	Sqm	65.00	3430.70

5	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.							
		Col.	13	2.10	2.10	0.10	5.73		
			1	9.00	5.50	0.20	9.90		
			1	3.00	5.50	0.20	3.30		
		S.T	1	3.60	3.00	0.10	1.08		
						Total	20.01	Cum	371.00
									7424.82
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	9.00	5.50	0.40	19.80		
			1	3.00	5.50	0.40	6.60		
						Total	26.40	Cum	242.00
									6388.80
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).							
			13	1.70	1.70	0.10	3.76		
			1	42.06	0.40	0.08	1.35		
			1	3.60	3.00	0.10	1.08		
			1	9.00	5.50	0.08	3.96		
			1	3.00	5.50	0.08	1.32		
			1	2.00	1.10	0.08	0.18		
						Total	11.64	Cum	2659.00
									30947.89
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).							
			13	1.50	1.50	0.40	11.70		
			13	0.20	0.30	1.60	1.25		
			13	0.20	0.30	3.60	2.81		
			4	0.20	0.30	2.40	0.58		



			1	42.06	0.20	0.30	2.52			
			1	39.06	0.20	0.20	1.56			
			1	42.06	0.20	0.20	1.68			
			1	11.00	0.20	0.10	0.22			
			2	5.50	0.20	0.40	0.88			
			2	1.20	0.20	0.20	0.10			
			1	13.20	6.90	0.13	11.39			
			1	3.60	3.00	0.13	1.35			
			2	12.40	0.50	0.09	1.12			
			1	2.00	1.20	0.10	0.24			
			1	42.06	0.20	0.10	0.84			
			2	3.00	1.20	0.13	0.90			
			2	2.50	1.50	0.13	0.94			
			18	0.50	1.50	0.17	2.30			
						Total	42.36	Cum	4163.00	176349.26
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					3000.00	Kg	54.50	163500.00
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:					26.81	Cum	97.50	2613.98
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.								
							0.67	Cum	4237.00	2838.79
13	3.14	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.					20.00	Kg	43.50	870.00
14	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.								
			1	40.00		0.50	20.00			
						Total	20.00	Cum	273.00	5460.00



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.	13	4.00	1.70	0.10	8.84				
			13	4.00	1.50	0.40	31.20				
			13	1.00		1.60	20.80				
			2	42.06		0.30	25.24				
						Total	86.08	Sqm	139.00	11964.56	
	1.3	Window sills, anchor blocks, string course, bends, copings, bed plates and like.									
			2	42.06		0.10	8.41				
						Total	8.41	Sqm	184.00	1547.81	
	1.4	Edge of slab, breaks in floor and walls upto 200mm.									
							53.40	metre	34.00	1815.60	
	1.5	Columns, Pillars, Piers and likes-rectangular or square in shape									
			13	1.00		3.60	46.80				
			4	1.00		2.40	9.60				
						Total	56.40	Sqm	297.00	16750.80	
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)									
			1	13.20		6.90	91.08				
			1	3.60		3.00	10.80				
		Deduction--	1	42.06		0.20	8.41				
		Deduction--	2	5.50		0.20	2.20				
		Deduction--	1	12.40		0.20	2.48				
							88.79	Sqm	235.00	20865.18	
	1.8	Beams, lintels, cantilevers & walls									
			1	42.06		0.20	8.41				
			2	42.06		0.20	16.82				
			1	11.00		0.20	2.20				
			2	11.00		0.10	2.20				
			2	1.20		0.20	0.48				
			2	2.00	1.20	0.20	0.96				
			2	5.50		0.20	2.20				
			4	5.50		0.40	8.80				
						Total	42.08	Sqm	202.00	8499.35	
	1.13	Weather shade, chhajja, Cornices and mouldings									
			2	12.40		0.50	12.40				
			2	12.40		0.08	1.98				
			4	0.50		0.09	0.18				
			1	2.00		1.20	2.40				
			1	2.00		0.08	0.16				



			4	1.20		0.09	0.22			
						Total	17.34	Sqm	294.00	5097.96
	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	2.50		1.50	7.50			
			10	1.50		0.17	4.59			
			10	0.50	0.30	0.17	0.46			
						Total	21.55	Sqm	230.00	4956.27
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	13.20	6.90	0.02	1.82			
						Total	1.82	cum	3817.00	6953.0
17	7.5	Brick work with modular fly-ash lime bricks (Pal.G Bricks) conforming to IS:12094-2002 of class designation 4.0 in foundation and plinth in:								
	5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)								
			1	33.56	0.20	0.60	4.03			
			1	1.80	1.00	0.40	0.72			
			1	1.80	0.70	0.20	0.25			
			1	1.80	0.40	0.20	0.14			
			2	3.60	0.20	1.70	2.45			
			2	2.60	0.20	1.70	1.77			
			1	2.60	0.10	1.70	0.44			
			1	39.06	0.20	2.90	22.65			
			1	30.40	0.20	0.90	5.47			
			1	11.00	0.20	2.40	5.28			
							43.21			
		Deduction (-)								
		D	1	1.80	0.20	2.10	0.76			
			1	1.80	0.20	2.10	0.76			
		D.	1	1.00	0.20	2.10	0.42			
		W	6	1.20	0.20	1.20	1.73			
						Total	3.66			
						G.Total =	39.55	Cum	3350.00	132485.80
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:					30.20	Cum	121.00	3654.20



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	4.50		1.65	7.43			
	Deduction--	1	0.80		2.10	1.68			
						5.75	Sqm	382.00	2194.59
0	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			
					Total	1.68	Sqm	2832.00	4757.76
21	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								
						90.00	kg	73.50	6615.00
22	9.15 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.								
						274.00	kg	67.50	18495.00
23	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								
						110.00	kg	75.00	8250.00



24	11.1	Providing and making 6mm thick cement plaster of mix:								
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)				142.11	Sqm	87.00	12363.57	
25	11.2	Providing and making 12mm thick cement plaster of mix								
	2.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)				150.74	Sqm	96.50	14546.41	
26	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)				180.68	Sqm	113.00	20416.84	
27	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								
						7.08	Sqm	646.00	4573.68	
28	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	3.00	1.50	4.50	Sqm	728.00	3276.00	
29	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	9.00	5.50	49.50				
			1	3.00	2.50	7.50				

			1	3.34			3.34			
30	12.14	Extra 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				Total	60.34	Sqm	1151.00	69451.34
	14.1	Size 600x600mm								
			1	9.00		5.50	49.50			
			1	3.00		2.50	7.50			
							57.00	Sqm	54.00	3078.00
31	12.50	KOTA stone slab 25mm thick in risers and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 M.)								
			2	3.00		1.20	7.20			
			18	1.50		0.30	8.10			
			3	1.80		0.30	1.62			
							16.92	Sqm	990.00	16750.80
32	14.22	Painting on new work (two or more coats) to give an even shade with:								
	22.1	Satin synthetic enamel paint								
			12	1.10	1.20	1.20	19.01			
			2	1.10	1.80	2.10	8.32			
			2	1.10	1.00	2.10	4.62			
			6	1.20	1.20		8.64			
			7	0.60	0.30		1.26			
						Total	41.84	Sqm	55.00	2301.42
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 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).										
			1	30.40	0.20	0.05	0.30					
						Total	0.30	Cum	4073.00	1238.19		
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)					265.49	Sqm	69.00	18318.81		
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)					208.04	Sqm	79.00	16435.16		
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.					473.53	Sqm	101.00	47826.53		
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					1.00	each	2459.00	2459.00		
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					1.00	each	1776.00	1776.00		



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					1.00	each	3876.00	3876.00
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					1.00	each	68.50	68.50
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								
76.2	110 mm dia pipe.					10.00	metre	267.00	2670.00
18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
77.3	Vent covel					1.00	Each	44.00	44.00
3.2	110 mm					1.00	Each	227.00	227.00
77.5	"P" trap 110mmx110mm long					1.00	Each	90.50	90.50
77.6	Nahani trap 110x75 mm								
19.5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings								
5.1	15 mm nominal outer dia .Pipes.					25.00	metre	133.00	3325.00
5.2	20 mm nominal outer dia .Pipes.					15.00	metre	167.00	2505.00
5.4	32 mm nominal outer dia .Pipes					8.00	metre	284.00	2272.00
19.11	Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the pipe and making long screws etc. complete:								
11.1	15 mm nominal bore					3.00	Each	85.00	255.00
11.2	25 mm nominal bore					2.00	Each	98.00	196.00



	11.4	32 mm nominal bore					1.00	Each	148.00	148.00
45	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
	13.2	Bib cock (350 grams)					1.00	Each	237.00	237.00
	13.3	stop cock (350 grams)					1.00	Each	237.00	237.00
46	19.17	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :								
	17.1	15 mm nominal bore					1.00	Each	284.00	284.00
	17.3	25 mm nominal bore					1.00	Each	432.00	432.00
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 :					1.00	Each	125.00	125.00
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								
							1.00	Each	94.00	94.00
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.								
							48.00	Each	46.00	2208.00

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										
								1.00	Each	754.00	754.00	
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						8.00	metre	771.00	6168.00	
53	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	
<b>ELECTRICAL PART</b>												
54	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 plano 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						8.00	Point	236.00	1888.00	
	1.2	Medium Point						10.00	Point	388.00	3880.00	
	1.3	Long Point						8.00	Point	553.00	4424.00	



55	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.					2.00	Point	240.00	480.00
56	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					10.00	Mtr	172.00	1720.00
	13.3	6 X 2.5 sq. mm in 25mm conduit					8.00	Mtr	172.00	1376.00
57	7.1	Supplying and fixing following piano 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					6.00	Each	178.00	1068.00
58	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					6.00	Each	1637.00	9822.00
59	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					1.00	Each	2558.00	2558.00
60	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					2.00	Each	635.00	1270.00

8.18	Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as								
18.7	26 Watt					2.00	Each	289.00	578.00
18.11	85 Watt					2.00	Each	907.00	1814.00
62	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
63	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
64	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
65	9.11	Providing and fixing porcelain re-wireable 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				1.00	Each	157.00	157.00
66	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				1.00	Each	602.00	602.00
67	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				1.00	Each	684.00	684.00



68	11.11	Supplying and fixing SP MCB, 240 volt '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
69	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.					1.00	Set	3454.00	3454.00
70	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.					6.00	Mtr	20.50	123.00
71	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
72	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.					1.00	Each	823.00	823.00

As per Estimate Amount Rs.  
Say Rs.

999982.17

Sub Er.  
Nagar Palik Nigam  
Korba

Astt. Er.  
Nagar Palik Nigam  
Korba