

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फ.क. / 2025 / 678

सिस्टम टेंडर नं.178081

कोरबा दिनांक 23.10.2025

द्वितीय 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 शोधनों 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 — 12.11.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि — 12.11.2025 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	वाड क 50 दरों एच.टी.पी.एस. कॉलोनी स्थित जनता युनियन कार्यालय के पास अतिरिक्त कक्ष शौचालय सहित निर्माण (जि.ख.न्या. मद)	10.00	7500/-	03 माह	750/-	वर्ग डी एवं प्रवर श्रेणी	12.11.2025 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, पेन 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 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 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 सिक्कुरिटी 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) एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे एवं कर्मचारी भविष्य निधि संगठन (ई.पी.एफ.) एवं विभिन्न प्रावधानों को धारा 1952 के तहत निविदाकार का जीवित पंजीयन होना आवश्यक है साथ ही निविदा आमंत्रण दिनांक से विगत तीन माह की अवधि में जमा किये गये TRRN Payment Detail चालान की प्रति प्रस्तुत करना तथा ऑनलाईन अपलोड किया जाना अनिवार्य होगा।
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 कड़िका 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।

9 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 Stago	Contractor Stago	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		23.10.2025	15.30	23.10.2025	15.30	Release Tender
2		Bid Submission	23.10.2025	15.30	10.11.2025	17.30	
3		Physical Document Submission	23.10.2025	15.30	12.11.2025	15.00	
4	Tender Open		12.11.2025	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.50 दर्श एच.टी.पी.एस. कॉलोनी स्थित जनता युनियन कार्यालय के पारा अतिरिक्त कक्ष शौचालय 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 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	15.00	10.00		150.00			
							150.00	sqm	7.20	1080
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.	3	2.50	2.50	1.60	30.00			
		Wall	2	1.20	0.50	0.40	0.48			
		step	1	3.00	1.80	0.40	2.16			
						Total	32.64	Cum	185.00	6038.40
3	1.6	or part thereof.								
	6.1	All types of soils								
			3	2.50	2.50	0.10	1.88			
						Total	1.88	Cum	26.50	49.69
3	1.18	Providing and filling in plinth with col								
			3	2.50	2.50	0.12	2.25			
			1	6.00	2.40	0.20	2.88			
						Total	5.13	Cum	371.00	1903.23
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.								
							30.00			
							30.00	Cum	65.00	1950.00
5	1.19	Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete								
			2	6.00	2.40	0.20	5.76			
						Total	5.76	Cum	242.00	1393.92
6	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.								
	1.4	1:2:4(1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).								
			3	2.00	2.00	0.12	1.44			
			1	6.00	2.40	0.08	1.15			

			1	3.00	1.00	0.80	4.32			
						Total	6.91	cum	3552.00	24551.42
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								
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		col	3	1.50	1.50	0.40	2.70			
			3	0.20	0.30	1.40	0.25			
			3	0.20	0.30	3.30	0.59			
		E/Beam	1	16.80	0.20	0.30	1.01			
			1	2.40	0.20	0.30	0.14			
			2	6.00	0.20	0.30	0.72			
			1	2.40	0.20	0.30	0.14			
			2	3.42	1.20	0.13	1.03			
			2	2.40	1.20	0.13	0.72			
			22	0.50	1.20	0.22	2.90			
		col	12	0.20	0.30	3.30	2.38			
		L/beam	1	34.40	0.20	0.20	1.38			
			2	6.00	0.20	0.20	0.48			
		s/beam	1	34.40	0.20	0.30	2.06			
			2	6.00	0.20	0.30	0.72			
		chhajja	10	1.80	0.50	0.11	0.99			
		silling	1	34.40	0.20	0.10	0.69			
			4	2.90	0.10	0.10	0.12			
		slab	1	16.00	7.00	0.13	14.00			
		slab beam	3	6.00	0.20	0.50	1.80			
						Total	34.82	Sqm	4163.00	144963.99
8	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					2700.00			
							2700.00	Kg	54.50	147150.00
9	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	16.80	0.20	0.08	0.27			
						Total	0.27	Cum	4237.00	1138.91
10	3.14	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.								
							50.00	Kg	43.50	2175.00
11	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	46.00	0.75		34.50			

						Total	34.50	sqm	273.00	9418.50
12	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:								
							51.41	cum	97.50	5012.48
13	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	4	3.00		0.12	1.44			
			4	3.00		0.40	4.80			
			4	1.00		1.40	5.60			
		p/beam	2	16.80		0.30	10.08			
						Total	21.92	Sqm	139.00	3046.88
14	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for								
	1.3	Window sills, anchor blocks, string course, bends, copings, bed plates and like								
			2	34.40		0.10	6.88			
						Total	6.88	Sqm	184.00	1265.92
	1.4	Edge of slab, breaks in floor and walls upto 200mm.								
							46.00	metre	34.00	1564.00
	1.5	Columns, Pillars, Piers and likes-rectangular or square in shape								
			3	1.00	3.30		9.90			
			1	2	1.00	3.30	9.90			
							19.80	Sqm	297.00	5880.60
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
			1	16.00	7.00		112.00			
			2	2.40	1.20		5.76			
						Total	117.76	Sqm	235.00	27673.60
	1.8	Beams, lintels, cantilevers & walls								
			2	6.00	0.20		2.40			
			4	6.00	0.30		7.20			
			2	2.40	0.20		0.96			
			4	2.40	0.30		2.88			
			1	34.40	0.20		6.88			
			2	34.40	0.20		13.76			
			2	6.00	0.20		2.40			
			4	6.00	0.20		4.80			
			1	34.40	0.20		6.88			
			2	34.40	0.30		20.64			
			2	6.00	0.20		2.40			
			4	6.00	0.30		7.20			
			3	6.00	0.20		3.60			

			6	6.00	0.50		10.00			
						Total	100.00	Sqm	202.00	20200.00
	1.13	Weather shade, chhajja, Cornices and mouldings								
		Dressing Room	10	1.00	0.50		9.00			
			10	2.00	0.50	0.11	1.10			
			10	1.00	0.10		1.00			
						Total	11.90	Sqm	294.00	2498.60
	1.15	Stair cases of all types excluding spiral and folded plate type, including risers and landings								
			2	3.42	1.20		0.21			
			22	1.20	0.15		3.96			
			44	0.50	0.30	0.15	0.99			
						Total	13.16	Sqm	230.00	3026.34
15	2.2	Extra for additional height every 1m or part thereof where height of staging for form work exceeds 4.0 metre with adequate bracing, propping etc at all levels, for suspended floor, roof, landing, beam and balcony. (only plan area is to be measured):								
			12	1.00	3.30		39.60			
							117.76			
							86.56			
							11.90			
						Total	255.82	Sqm	40.50	10360.71
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	16.00	7.00	0.03	3.36			
						Total	3.36	cum	3817.00	12825.12
17	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)								
			1	16.80	0.20	0.50	1.68			
			1	34.40	0.20	2.90	19.95			
			2	6.00	0.20	2.90	6.96			
							28.59			
		Deduction	1	1.20	0.20	2.10	0.50			
		Deduction	2	0.90	0.20	2.10	0.76			
		Deduction	10	1.20	0.20	1.20	2.88			
						Total	24.45	cum	3350.00	5628.00
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:								
			2			26.22	52.44	cum	121.00	3459.63
19	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:								

			2		15.70	31.56	sqm	11.00	31.60
20	7.11	Half brick thick brick masonry with fly-ash lime bricks (FALG Bricks) conforming to IS 12004-2002 of class designation 4.0 in superstructure above plinth level upto plinth level.							
	11.2	Cement Mortar 1:4 (1 cement : 4 coarse sand)							
			3	2.90	3.30	19.11			
		Deduction ...	2	0.00	2.10	3.36			
						15.70			
					Total	15.70	sqm	302.00	6527.56
21	R151	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge							
			2		5.00	10.00	metre	346.00	3460.00
22	R152	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							
		Dressing Room	2	0.00	2.10	3.36			
					Total	3.36	sqm	2012.00	9515.52
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 primer.							
						90.00	kg	75.00	6750.00
24	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. Including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.							
						100.00	kg	67.50	12150.00
25	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							
	16.2	Angle-iron frames				135.00	kg	73.50	9922.50

26	9.37	Providing and fixing M.S. fan clamp/hook for ceiling fan made out of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop.										
							4.00	each	97.00		388.00	
27	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats										
	47.1	For fixed portion					40.00	kg	331.00		13240.00	
28	47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (										
							60.00	kg	338.00		20280.00	
29	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):										
	51.2	With float glass panes of 5 mm thickness										
			10	1.20		1.20	14.40					
						Total	14.40	sqm	708.00		10195.20	
30	9.57	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.										
	57.2	SS Grade 304					55.00	kg	525.00		28875.00	
31	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS 12894-2002 of class designation 40 in foundation and plinth in										
	5.1	Cement Mortar 1:3 (1 cement : 3 coarse sand)										
	step		1	3.00	1.50	0.40	1.80					
			1	3.00	1.20	0.20	0.72					
			1	3.00	0.90	0.20	0.54					
						Total	3.06	cum	3641.00		11141.46	
32	11.1	Providing and making 6mm thick cement plaster of mix										
	1.1	In Cement mortar 1:3 (1 cement : 3 fine sand)										
			1	16.00		7.00	112.00					
			3	6.00		0.20	3.60					
			3	2.00	6.00	0.50	18.00					
			2	3.42		1.20	8.21					

			2	2.40		1.20	5.76			
			10	1.80		0.50	9.00			
			10	1.80		0.50	9.00			
			10	2.00	0.50	0.11	1.10			
			10	1.80		0.10	1.80			
						Total	168.47	sqm	93.00	15667.52
33	11.2	Providing and making 12mm thick cement plaster of mix:								
	2.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)								
							164.48	sqm	96.50	15872.32
34	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)								
							187.06	Sqm	113.00	21137.78
35	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								
	7.2	Size above 200x300mm								
						Total	36.96	sqm	646.00	23876.16
36	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)								
	9.2	Size above 300x300mm								
			2	1.50		2.90	8.70			
						Total	8.70	sqm	728.00	6333.60
37	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	6.00		12.00	72.00			
			1			10.80	10.80			
						Total	82.80	sqm	1151.00	95302.80
38	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.								
	14.1	Size 600x600mm					82.80	Sqm	54.00	4471.20
39	12.35	Extra if cut tiles other than half tiles are used in risers of steps skirting and dado.								
							10.80	Sqm	27.00	291.60

40	12.37	Chequerred precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) :								
	37.1	Light shade using white cement								
			2	3.42		1.20	8.21			
			2	2.40		1.20	5.76			
			22	1.20		0.30	7.92			
			22	1.20		0.15	3.96			
						Total	25.85	sqm	640.00	16542.72
41	14.13	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even								
							520.01	sqm	94.50	49140.76
42	14.16	Painting exterior surface with PREMIUM 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:								
	16.1	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)								
							187.06			
							187.06	sqm	74.50	13935.97
43	14.11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.								
	11.1	On new work (two or more coats)								
							332.95	sqm	52.50	17479.77
44	14.22	Painting on new work (two or more coats) to give an even shade with:								
	22.1	Satin synthetic enamel paint								
			10	1.20		1.20	14.40			
			2	1.10	1.20	2.10	5.54			
			2	1.10	0.90	2.10	4.16			
			12	0.60		0.30	2.16			
							26.26	sqm	55.00	1444.41
45	18.4	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS: 7231,								
	4.1	White pedestal type								
							2.00	each	2002.00	5764.00

46	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 450x300 mm							
						2.00	each	3876.00	7752.00
47	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
48	18.26	Providing and fixing PVC waste coupling in wash basin/ sink.							
	26.1	25 mm							
						2.00	each	49.50	99.00
49	18.27	Providing and fixing cast iron grating for gully trap.							
	27.1	100x100mm square or round							
						1.00	each	30.00	30.00
50	18.29	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.							
						2.00	each	599.00	1198.00
51	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.							
						30.00			
						30.00	metre	267.00	8010.00
52	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 cover							
	3.20	110 mm							
						1.00	each	44.00	44.00
	77.5	"P" trap 110mmx110mm long				4.00	each	227.00	908.00
	77.6	Nahani trap 110x75mm				4.00	each	90.50	362.00

53	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 i/e fixing the pipe with clamps at 1 (00) m spacing. This includes jointing of pipes &										
	5.1	15 mm nominal outer dia. Pipes					15.00	metre	133.00		1995.00	
	5.2	20 mm nominal outer dia. Pipes					40.00	metre	167.00		6680.00	
	5.3	25 mm nominal outer dia. Pipes					12.00	metre	213.00		2556.00	
	5.4	32 mm nominal outer dia. Pipes					12.00	metre	284.00		3408.00	
54	19.10	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)										
	10.2	32 mm nominal bore					1.00	each	224.00		224.00	
55	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					2.00	each	85.00		170.00	
	11.2	20 mm nominal bore					4.00	each	98.00		392.00	
	11.3	25 mm nominal bore					1.00	each	117.00		117.00	
	11.4	32 mm nominal bore					2.00	each	148.00		296.00	
56	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:										
	13.2	Bib cock (350 grams)					6.00	each	237.00		1422.00	
	13.3	Stop cock (350 grams)					6.00	each	237.00		1422.00	
57	19.14	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:										
	14.11	Hand shower set with flexible extension pipe					2.00	each	754.00		1508.00	
	14.12	Bottle trap set with extension pipes					2.00	each	473.00		946.00	
	14.13	Toilet paper holder					2.00	each	248.00		496.00	
	14.14	Soap dish plate					2.00	each	163.00		326.00	
	14.15	Shower rose (revolving type) (150mm)					2.00	each	269.00		538.00	
	14.16	Towel rail (600mm long x 20mm dia)					2.00	each	338.00		676.00	
	14.20	CP brass water jet to be fixed in seat cover of WC with flexible connection pipe					2.00	set	577.00		1154.00	
58	19.16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):										
	16.2	32 mm nominal bore					2.00	each	510.00		1020.00	
59	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					2.00	each	284.00		568.00	
	17.2	20 mm nominal bore					2.00	each	394.00		788.00	
	17.3	25 mm nominal bore					4.00	each	432.00		1728.00	

60	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
61	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
62	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
63	19.47	Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/ cm ² 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
64	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 per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer.								
	6.1	100 mm dia					15.00	metre	366.00	5490.00
	6.2	150 mm dia					25.00	metre	771.00	19275.00
65	20.26	Providing and constructing brick masonry road gully chamber 45x45x77.5 cm with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) with precast R.C.C. vertical grating complete as per standard design								
							1.00	each	3011.00	3011.00

ELECTRICAL PART

S. N.	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
66	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					10.00	Point	236.00	2360.00
	1.2	Medium Point					12.00	Point	388.00	4656.00
	1.3	Long Point					10.00	Point	553.00	5530.00
67	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
68	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					20.00	Mtr	172.00	3440.00
	13.3	6 X 2.5 sq. mm in 25mm conduit					18.00	Mtr	172.00	3096.00
69	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					4.00	Each	178.00	712.00
70	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					4.00	Each	1637.00	6548.00
71	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					2.00	Each	2558.00	5116.00

72	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
73	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					1.00	Each	907.00	907.00
74	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)					8.00	Each	176.00	1408.00
75	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
76	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
77	9.10	Providing and fixing metal clad, TP&N switch fuse unit (rewirable), 415/500 volts, with porcelain re-wireable 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
78	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					4.00	Each	157.00	628.00

79	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 timed copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/isolator)										
80	11.12	4 way, Single deck 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.					2.00	Each	602.00		1204.00	
81	11.11	40 amps 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.					1.00	Each	604.00		604.00	
82	11.2	6 amps to 32 amps					6.00	Each	154.00		924.00	
	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	
83	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.					15.00	Mtr	20.50		307.50	
84	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					10.00	Mtr	88.00		880.00	
	8.13	4 x 10 sq. mm.					12.00	Mtr	108.00		1296.00	
85	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.

999897.36

Say Rs.

1000000.00

Sub Er.
Nagar Palik Nigam
Korba

Astt. Er.
Nagar Palik Nigam
Korba