

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 676 / 2024

सिस्टम टेंडर नं. 163836

कोरबा दिनांक 03.01.2024

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 एवं विद्युत हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 21.01.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 21.01.2025 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. 51 सरदार वल्लभ भाई पटेल नगर सामुदायिक भवन में उपरी तल में हाल व कक्ष निर्माण विस्तार कार्य (खनिज न्यास मद)	25.00	19000/-	03 माह	750/-	वर्ग डी एवं प्रवर श्रेणी	21.01.2025 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 (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पेन 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 धरोहर राशि FDR/TDR, शपथपत्र का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
 - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन- 495677 कोरबा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन लिफाफा स्वीकार नहीं किया जायेगा।
 - निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में निर्धारित प्रारूप में वैध शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
 - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस 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 करारकोड 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 तदअंतर्गत 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 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 कडिका 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 कियान्वयन 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
कोरबा (छ.ग.)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		03.01.2024	15.00	03.01.2024	15.00	Release Tender
2		Bid Submission	03.01.2024	15.00	20.01.2025	17.30	
3		Physical Document Submission	03.01.2024	15.00	21.01.2025	15.00	
4	Tender Open		21.01.2025	16.00	--	--	


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

Sno.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
	70% of total excavated material	1	56 00	0 70		39 20			
				Total		39 20	cum	65 00	2548
5	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work								
	1:3:6 (1 cement 3 coarse sand 6 graded stone aggregate 40mm nominal size)								
	G.F. footing	6	1 80	2	0 1	2 16			
		2	1 80	2	0 1	0 72			
	below plinth beam	2	2 30	0 30	0 1	0 14			
		2	4 10	0 30	0 1	0 25			
		3	11 70	0 30	0 1	1 05			
	for plinth protection	1	37 40	0 75	0 1	2 81			
	Hall	1	6 40	11 70	0 1	7 49			
					Total	14 61	cum	2970 00	43391 7
6	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for								
a	Foundations, footings, base of columns and plinth beam in any shape and size								
	Ground Floor (footing)	6x2	1 85		0 3	6 66			
		6x2	1 65		0 3	5 94			
		2x2	1 85		0 3	2 22			
		2x2	1 65		0 3	1 98			
		6	3 20		0 35	13 44			
		2	3 20		0 35	4 48			
	Plinth level beam (300x300)	2x2	3 90		0 3	4 68			
		2x2	2 00		0 3	2 40			
		3x2	11 20		0 3	20 16			
	Column(c-1) (upto plinth level) (300x400mm)	6x2		0 4	0 95	4 56			
		6x2		0 3	0 95	3 42			
		2x2		0 4	0 95	1 52			
		2x2		0 3	0 95	1 14			
				Total		72 60	Sqm	139 00	10091 4
b	Columns, Pillars, Piers and likes- rectangular or square in shape								
	Ground Floor								
	Column (c-1)(PL to SL)	6x2		0 4	3 6	17 28			
		6x2		0 3	3 6	12 96			
		2x2		0 4	3 6	5 76			
		2x2		0 3	3 6	4 32			
				Total		123 56	Sqm	297	36697 32
c	Beams, lintels, cantilevers & walls								
	Ground Floor								
	Lintel level beam (200x250)	2x2	3 90		0 25	3 90			
		2x2	2 00		0 25	2 00			
		1x2	11 20		0 25	11 20			

Sno.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
	slab wall Beam (200x300)	2x2	3 90		0 3	4 68			
		2x2	2 00		0 3	2 40			
	slab T Beam (300x720)	3x2	11 20		0 72	32 26			
		3x1	11 20		0 3	13 44			
	cantiliver beam	4	1 00		0 2	1 20			
		4x2	1 00		0 4	2 40			
					Total	344 24	Sqm	202	69535 672
D	Weather shade, chhajja, cornices, and moulding								
	Ground Floor door level	1	12 00	0 60		7 20	Sqm	294	2116 8
E	2 1 7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	Ground Floor								
	Slab	1	12 00	6 7		80 40			
	Outer projection	2	6 70	0 3		4 02			
		1	12 00	0 3		3 60			
		2	12 30		0 12	2 95			
		2	7 30		0 12	1 75			
					Total	92 72	Sqm	235	21790 14
7	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.								
	1-1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size)								
	Ground Floor								
	Hall								
	Footing	6	1 85	1 65	0 35	6 41			
		2	1 85	1 65	0 35	2 14			
	step	6	0 90	0 9	0 35	1 70			
		2	1 85	1 65	0 35	2 14			
	Column (C1) upto Plinth level	6	0 30	0 4	0 95	0 68			
		2	0 30	0 4	0 95	0 23			
	staircase column (C2) upto PL	4	0 20	0 3	0 95	0 23			
	Column C1 (PL to SL)	6	0 30	0 4	3 6	2 59			
		2	0 30	0 4	3 6	0 86			
	Plinth level beam (300x300)	2	3 90	0 3	0 3	0 70			
		2	2 00	0 3	0 3	0 36			
		3	11 20	0 3	0 3	3 02			
	Lintel level beam (200x250)	2	3 90	0 2	0 25	0 39			
		2	2 00	0 2	0 25	0 20			
		1	11 20	0 2	0 25	0 56			
	slab wall Beam	2	3 90	0 2	0 3	0 47			
		2	2 00	0 2	0 3	0 24			
	slab T Beam	3	11 20	0 72	0 3	7 26			
	cantiliver beam for balconies	4	1 00	0 2	0 4	0 32			
	weather shed chajja	1	12 00	0 60	0 10	0 72			
	slab of hall	1	7 30	12 6	0 12	11 04			
	slab for balconies	1	12 60	1	0 12	1 51			
					Total	43 77	Cum	4163	182222 6279

S/No	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
8	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 all complete								
	Thermo-Mechanically treated bars		120 kg/cum			5252.63			
					Total	5252.63	Kg	54.5	286268.553
9	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS:12894-2002 of class designation 40 in foundation and plinth in								
	Cement Mortar 1:5(1 cement : 5 coarse sand)								
	below plinth beam	2	2.00	0.30	0.60	0.72			
		2	3.80	0.30	0.60	1.37			
		3	11.60	0.30	0.60	6.26			
					Total	8.35	Cum	3350	27979.2
10	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS 12894-2002 of class designation 40 in foundation and plinth in Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth.								
	Cement Mortar 1:5(1 cement : 5 coarse sand)								
	Extra for brick work in superstructure above plinth level for every floor or part thereof in								
	above plinth beam	2	2.00	0.20	3.10	2.48			
		2	3.80	0.20	3.10	4.71			
		1	11.60	0.20	3.10	7.19			
	deduct opening	-6	1.50	0.20	1.20	-2.16			
	door	-1	1.80	0.20	2.10	-0.76			
					Total	11.47	Cum	3471	39805.428
11	6mm thick cement plaster of mix In Cement Mortar 1:4 (1 cement : 4 fine sand)	1	12.60		7.00	88.2	Sqm	87	7673
12	12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		2	2.00		3.6	14.40			
		2	3.80		3.6	27.36			
		1	11.60		3.6	41.76			
					Total	83.52	Sqm	96.5	8059.68
13	15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		2	2.00		4.2	16.80			
		2	3.80		4.2	31.92			
		1	11.60		4.2	48.72			
					Total	97.44	Sqm	113	11010.72

Sl. No.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
14	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.								
		2	2.00	0.2	0.05	0.20			
		2	3.80	0.2	0.05	0.38			
		3	11.60	0.2	0.05	1.74			
					Total	2.32	cum	4237	9829.84
15	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								
	Size 600x600mm	1	11.60	6.3		73.08			
		1	11.60		0.15	1.74			
		2	6.30		0.15	1.89			
						76.71	sqm	1151	88293.21
16	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position								
	Sal, bijasal, benteak, khair, haldu								
	Door (D1)	1	8.40	0.15	0.08	0.10	cum	61051	6153.941
17	Providing and fixing flush door shutters, conforming to IS 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	25 mm thick (double leaf for cupboard shutters with piano type hinges	1	1.80		2.10	3.78	sqm	1669	6308.82

Sl. No.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
	14 15 1 On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm								
	QTY as per 15mm thick plaster					97.44			
					Total	97.44	sqm	74.50	7259.28
24	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. 14 11 1 On new work (two or more coats								
	qty as per 6mm+12 mm thick plaster					171.72			
					Total	171.72	sqm	74.50	12793.14
25	14 22 Painting on new work (two or more coats) to give an even shade with								
	14 22 1 Satin synthetic enamel paint	6x2	1.50		1.2	21.60	sqm	55.00	1188
26	14 20 Applying priming coat on wood work with ready mixed primer	1	3.78	1.5		5.67	Sqm	23.50	133.245
27	14 41 Lettering with black Japan paint, per cm height.		2500.00		0.8	2000.00	PER LETTER	0.70	1400
28	14.25 Providing and laying French spirit polish on new wood work after preparing the surface by rubbing down smooth with sand papers, covering the knots, if visible, applying a coat of wood filler, cleaning the surface, applying 50 or more coats of French spirit polish till the surface gives high gloss.	Sqm	5.67			5.67	Sqm	143.00	810.81
29	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1.2 4 in blocks of size 30x10x15cm.					6	each	72.50	435.00
30	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete.					1	each	475.00	475.00
31	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete 200x10 mm					1	each	231.00	231.00
32	Providing and fixing bright finished brass door handles with brass polished MS screws complete. 125 mm					2	each	55.50	111.00
33	Providing and fixing antique/ SS finished brass butt hinges with antique/ SS polished MS screw complete 125x85x5 50mm (Heavy Type)					1	each	256.00	256.00
34	Providing and fixing Anitque/S.S. finished brass door latch with necessary Antique/S.S. POLISHED MS screws complete.					1	each	424.00	424.00

Sno.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
35	Providing and fixing 150mm Antique/S.S. finished brass floor door stoppers with rubber cushion and antique/ S.S. Polished MS screws to suit thickness of shutters thickness.					1	each	77.00	77.00
36	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					10	each	97.00	970.00
Part A (GROUND FLOOR) Estimate Amount Rs.									1006800.78

Sachin

Sub Engineer
Municipal Corporation
Korba (C.G.)

[Signature]

Asst. Engineer
Municipal Corporation
Korba (C.G.)

**OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C G)
DETAILED ESTIMATE**

Name Of Work :- Construction of Hall and Room In first Floor and Extension work at Sardar Vallabh Bhai Patel Nagar Samudaylk Bhawan ward 51 First floor

First Floor

As per Sor - Schedule of Rates Public Works Department [PWD BUILDING 01-01-2015]

As per Sor - Schedule of Rates Public Works Department [PWD Electrical 01-06-2020]

Sno.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc complete and including its removal at all levels, for								
a	Columns, Pillars, Piers and likes- rectangular or square in shape								
	First Floor								
	column (c-1)(300x400) (Level up to parafet)	8x2		0.4	4.2	26.88			
		8x2		0.3	4.2	20.16			
	column (c-3) (300x300)	8x4		0.3	4.2	40.32			
						Total	87.36	Sqm	297
									25945.92
b	Beams, lintels, cantilevers & walls								
	First Floor								
	Plinth level beam (200x300)	4x2	10.30		0.3	12.36			
		8x2	4.50		0.3	5.40			
	Lintel level beam (200x250)	4x2	10.30		0.25	10.30			
		8x2	4.50		0.25	4.50			
	slab wall Beam (200x300)	4x2	10.30		0.3	12.36			
		8x2	4.50		0.3	5.40			
	slab T Beam (300x500)	4x2	11.20		0.5	44.80			
		4x1	11.20		0.3	13.44			
	slab T Beam (300x300)	4	4.90		0.9	17.64			
						Total	126.20	Sqm	202
									25492.4
c	Weather shade, chhaya, cornices, and moulding								
	First Floor	8	4.5	0.6		21.6			
		5	1.6	0.6		4.8			
						Total	26.4	Sqm	294
									7761.6
d	2 1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	First Floor								
	slab	1	10.90	12		130.80			
	Outer projection	2	10.90	0.3		6.54			
		2	10.90		0.12	2.62			
		2	12.00		0.12	2.88			
						Total	142.84	Sqm	235
									33566.46
2	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work.								
a	1 1½ 3 (1 cement 1½ coarse sand 3 graded stone aggregate 20mm nominal size).								
	First Floor								
	Hall								
	Column C1 upto parafact level (3.3+0.9=4.2)	8	0.30	0.4	4.2	4.03			

no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
		8	0.30	0.3	4.2	3.02			
	first floor lintel beam (200x300)	4	10.30	0.2	0.3	2.47			
		8	4.50	0.2	0.3	2.16			
	1st level beam (200x250)	4	10.30	0.2	0.25	2.06			
		8	4.50	0.2	0.25	1.80			
	slab wall Beam (200x300)	4	10.30	0.2	0.3	2.47			
		8	4.50	0.2	0.3	2.16			
	slab T Beam	4	11.20	0.3	0.5	6.72			
	slab T Beam	4	4.90	0.3	0.3	1.76			
	weather shed chajja in nner room	4	4.5	0.6	0.12	1.30			
		4	1.6	0.6	0.12	0.46			
	slab	1	12.60	11.5	0.12	17.39			
					Total	47.81	Cum	4163	195028.0344
3	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 all complete								
	Thermo-Mechanically treated bars		100kg/cum			4760.88			
					Total	4760.88	Kg	54.5	250557.96
4	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS 12894-2002 of class designation 40 in foundation and plinth in Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth								
	Cement Mortar 1 5 (1 cement 5 coarse sand)								
	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth								
	x-x direction	4	4.20	0.20	3.00	10.08			
		4	2.00	0.20	3.00	4.80			
		2	2.00	0.10	3.00	1.20			
		4	4.10	0.20	3.00	9.84			
	y-y direction	8	4.50	0.20	3.00	21.60			
	for balconies	1	12.60	0.20	0.90	2.27			
		2	1.00	0.20	0.90	0.36			
	for parapet wall	2	12.60	0.20	0.90	4.54			
		2	11.50	0.20	0.90	4.14			
					Total	58.82	Cum	3471	204178.104
5	6mm thick cement plaster of mix								
	In Cement Mortar 1 4 (1 cement 4 fine sand)	1	12.60		11.50	144.9	Sqm	87	12606
6	12mm thick cement plaster of mix	6	4.20		3.30	83.16			
	In Cement Mortar 1 6 (1 cement 6 fine sand)	10	2.00		3.30	66.00			
		6	4.10		3.30	81.18			
		6	4.50		3.30	89.10			
					Total	319.44	Sqm	96.5	30825.96
7	15mm thick cement plaster on the rough side of single or half brick wall of mix								
	In Cement Mortar 1 6 (1 cement 6 fine sand)								
	outer wall	2	10.90		4.2	91.56			
		2	12.00		4.2	100.80			

no.	ITEM DESCRIPTION	N	L	O	H/D	Qty	Unit	Rate	Amount
	balconies	2	12.60		0.9	22.68			
		4	1.00		0.9	3.60			
	parafet wall	4	12.60		0.90	45.36			
		4	11.50		0.90	41.40			
					Total	305.40	Sqm	113	34510.2
8	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. Size 600x600mm								
	room	2	4.50	4.2		37.80			
	room	2	4.50	4.1		36.90			
	passage	1	10.90	1.8		19.62			
	balcony	1	12.40	1		12.40			
	skirting	4	4.50		0.15	2.70			
		4	4.20		0.15	2.52			
		4	4.50		0.15	2.70			
		4	4.10		0.15	2.46			
		2	10.90		0.15	3.27			
		2	12.40		0.15	3.72			
		2	1.00		0.15	0.30			
					Total	124.39	sqm	1151	143172.89
9	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS 15622 of approved 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. Size 300x300mm								
	Toilet	4	2.20	2		17.60	sqm	858	15100.8
10	Providing and fixing ceramic glazed wall tiles conforming to IS 15622 of approved make, colours, shades and size on wall and dados over 12mm 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. Size upto 200x300mm								
	Toilet	8	2.20	2		35.20			
		8	2.00	2		32.00			
	d/d for door	-4	0.75	2		-6.00			
					Total	61.20	sqm	587	35924.4
11	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position.								
	Sal, bijasal, benteak, khair, haldu								
	Door (D1)	1	5.70	0.15	0.08	0.07			
	Door (D2)	4	5.20	0.1	0.08	0.17			
					Total	0.23	cum	61051	14334.7748

no	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
12	Providing and fixing flush door shutters, conforming to IS 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	25 mm. thick (double leaf for cupboard shutters with piano type hinges)	1	1.80		2.1	3.78			
		4	1.00		2.1	8.40			
					Total	12.18	sqm	1669	20328.42
13	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 eicats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS 1868, minimum anodic coating shall be of grade AC-15 (Glazing to be paid for separately For fixed portion								
		4	1.50		1.2	7.20			
		4	0.60		0.45	1.08			
						8.28	sqm		
						13kg/sqm x 6.84	kg	331	35628.84
14	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								
	window, ventilation Grill					15 kg/sqm x 6.84	kg	67.5	8383.5
15	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) With float glass panes of 4 mm thickness								
	as per size					8.28	sqm	611	5059.08
16	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								
	Qty as per 15+12+6mm plaster					769.74			
					Total	769.74	sqm	94.5	72740.43

no.	ITEM DESCRIPTION	H	L	B	W/D	Qty	Unit	Rate	Amount
17	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								
	14 15 1 On new work (Two or more coats applied @ 1.43 lit/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm								
18	QTY as per 15mm thick plaster					305.40			
						Total 305.40	sqm	74.50	22752.3
19	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. 14 11 1 On new work (two or more coats								
	qty as per 6mm+12mm thick plaster					464.34	Sqm	52.50	24377.85
20	14 22 Painting on new work (two or more coats) to give an even shade with								
	14 22 1 Satin synthetic enamel paint	4x2	1.50		1.2	14.40	sqm	55.00	792
21	14 20 Applying priming coat on wood work with ready mixed primer	1	8.40	1.5		12.60	Sqm	23.50	296.1
22	14 25 Providing and laying French spirit polish on new wood work after preparing the surface by rubbing down smooth with sand papers, covering the knots, if visible, applying a coat of wood filler, cleaning the surface, applying 50 or more coats of French spirit polish till the surface gives high gloss.	Sqm	12.60			12.60	Sqm	143.00	1801.8
23	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1 2 4 in blocks of size 30x10x15cm.					6	each	72.50	435.00
24	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete					1	each	475.00	475.00
25	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete 200x10 mm					1	each	231.00	231.00
26	Providing and fixing bright finished brass door handles with brass polished MS screws complete: 125 mm					10	each	55.50	555.00
27	Providing and fixing antique/ SS finished brass butt hinges with antique/ SS polished MS screw complete: 125x85x5 50mm (Heavy Type)					1	each	256.00	256.00
28	Providing and fixing Antique/ S S finished brass door latch with necessary Antique/ S S POLISHED MS screws complete: 300 x16x5 mm					1	each	424.00	424.00
29	Providing and fixing 150mm Antique/ S S finished brass floor door stoppers with rubber cushion and antique/ S S Polished MS screws to suit thickness of shutters thickness.					1	each	77.00	77.00
30	Providing and fixing MS 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.					10	each	97.00	970.00

No.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
21	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								
9	57.2 SS Grade 304 Balcony	1	14.5	0.75	8	87	Kg	525 00	45675 00
Part B (FIRST FLOOR) Estimate Amount Rs.									1284264.12



Sub Engineer
Municipal Corporation
Korba (C.G.)



Asst. Engineer
Municipal Corporation
Korba (C.G.)

OFFICE OF THE MUNICIPAL CORPORATION, KORBA (C G)
DETAILED ESTIMATE

Name of Work - water supply and sanitation work of samudayk bhavan at ward number 61


As per Sor - Schedule of Rates Public Works Department (PWD BUILDING 01-01-2015)

Sno.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
1	Providing fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes having 3.2mm wall thickness, leaving 10mm gap for thermal expansion etc complete								
	76.2 110mm dia pipe	1	30			30	metre	267.00	8010.00
2	Providing fixing on wall face UV stabilised Unplasticised- PVC moulded fitting / accessories having 3.2mm wall thickness for rigid PVC pipes leaving 10mm gap for thermal expansion								
	77.1 Tee/Tee with door / Bend 45/Bend 90 77.1.3 110mm	20				20	Each	154.00	3080.00
	77.5 "P" trap 110mm X750mm long	20				20	Each	90.50	1810.00
3	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/c fixing the pipe with clamps at 1.00 m spacing This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge CONCEALED WORK including cutting chases and making good the walls etc.,								
	7.1 15mm dia nominal bore	1	28			28	metre	133.00	3724.00
	7.1 20 mm dia nominal bore	1	28			28	metre	213.00	5964.00
4	Providing and fixing 15mm nominal bore brass bib/ stop cock of approved quality								
	13.3 Stop cock (350grams)	12				12	Each	237.00	2844.00
5	19.42 Providing and placing on terrace polythene water storage tank and the base support for tank	1				1000	litre	7.30	7300.00

Sno.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
6	18.1 Providing and fixing water closet squatting pan (Indian type W C pan) 100mm sand cast Iron P or S trap, 10 litre low level P V C flushing cistern (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required								
7	18.1.1 White Long pattern W C pan of size 580 mm	4				4	each	2459.00	9836.00
8	19.17 Providing and fixing ball valve (brass) of approved quality. High or low pressure, with plastic floats complete								
9	19.17.3 25 mm nominal bore	6				6	Each	432.00	432.00
10	Providing and laying and jointing glazed stoneware pipes grade 'A' with stiff mixtures of cement mortar in proportion 1:1 including testing of joint etc complete								
11	1.2 150mm diameter	1	20			20	metre	262.00	5240.00
12	Providing and laying cement concrete 1:5:10, 40mm nominal size all-round S W pipes including bed concrete 150mm thick as per standard design								
	2.2 150mm dia S W pipes	1	20			20	metre	436.00	8720.00
13	20.3 Providing and Fixing Square - mouth S W gully trap grade A, As per standard design								
	3.1 100x100mm size p type	8				8	Each	1339.00	10712.00

S/NO	ITEM DESCRIPTION	H	L	B	IID	Qty	Unit	Rate	Amount
19	14 B Hasht mixer pillar tap with spout (1400 grams)	4				4	each	1248.00	4992.00
19	14 16 Towel rail (600mm long x 20mm dia)	4				4	each	338.00	1352.00
Total									103627.40


 Sub Engineer
 Municipal Corporation
 Korba (C.G.)


 Asst. Engineer
 Municipal Corporation
 Korba (C.G.)

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

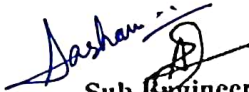
Name of Work - Internal Electrification work of samudayik bhavan at ward number 51


As per Sor - Schedule of Rates Public Works Department [PWD ELECTRICAL 01-06-2020]

S.N.	Ref no	Item of Work	Unit	Rate	Qty	Amount
ELECTRIC WORK						
		WIRING IN CONCEALED PVC conduit				
1	1 10	Wiring for light plug point with 3x2.5 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate suitable size G.I. box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS 694 (2010), IS 9537 (2000 Part 5)				
	1 10 1	Short Point	Point	442 00	18	7956 00
	1 10 2	Medium Point	Point	659 00	25	16475 00
	1 10 3	Long Point	Point	922 00	20	18440 00
2	2 13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in surface FRLS PVC conduit (heavy duty thickness of pipe should be 2 mm) etc as per specification and IS 694 (2010), IS 9537 (2000 Part 5)				
		3 X 2.5 sq mm in 20mm conduit	Metre	87 00	20	1740 00
3	5 1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc as per specification				
	5 1 12	Fan regulator Electronic, step type moving all round	Each	130 00	20	2600 00
	6	FANS, LUMINARIES AND LAMPS				
4	6 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 FRLS PVC insulated copper conductor single core cable earthing etc complete as required P.F. should be greater than 0.9 with BEE Star rating from 3 star and above.				
	6 1 3	1200 mm sweep	Each	1697 00	20	33940 00
6	6 5	Supplying and fixing of wall/ceiling fan including connection etc as per specification P.F. should be greater than 0.9				
	6 5 1	300 mm sweep	Each	1387 00	4	6548 00

S N	Ref no	Item of Work	Unit	Rate	Qty	Amount
6	6 17	Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as per specification and P F should be greater than 0.9 LED chip efficacy ratio ≥ 100 lumens /watt				
	6 17 5	12 Watt	Each	215 00	10	2150 00
7	6.19	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P F should be greater than 0.9 LED chip efficacy ratio				
	6 19 3	18/20 watt {4 feet}	Each	443 00	12	5316 00
	7	MAIN METAL BOARD, BBC, IC				
8	7 10	Providing and fixing metal clad, TP&N switch fuse unit (re-wirable), 415/500 volts, with porcelain re-wireable fuses including drilling holes on the board, connections, earthing the body etc. as per specification (Thimbeling shall be paid separately)				
	7 10 1	32 amps	Each	926 00	4	3704 00
	9	MCCB, MCB, MCB DB				
9	9.10	Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				
	9.10.1	6 amps to 32 amps	Each	151 00	2	302 00
10	9 19	Supplying and fixing following rating, 240 volts TWO POLE ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				
	9 19 3	63 amps	Each	337.00	2	674 00
	12	E A R T H I N G				
11	12 1	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 per specification and IS Code 3043 1987(R 2016)	Set	3243 00	1	3243.00

SN	Ref no	Item of Work	Unit	Rate	Qty	Amount
12	12 18	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 per specification	Metre	41 00	30	1230.00
13	15 8	Supplying and laying following sizes one number FRLS 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 per specification, IS 1554 (1988, Part 1) / IS 7098 (1988, Part 1)				
	15.8.3	2 x 10 sq mm	Metre	94.00	20	1880 00
					TOTAL	105198.00


 Sub Engineer
 Municipal Corporation
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 Asstt. Engineer
 Municipal Corporation
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