



# कार्यालय, नगर पालिक निगम, कोरबा (छ.ग.)

मुख्य कार्यालय - साकेत भवन, आई.टी.आई. चौक, कोरबा (छ.ग.)

दर्री जोन

फा.क्र./723,733,734,735,737 एवं 738/निर्माण (दर्री जोन)/2024/

कोरबा, दिनांक 27.08.2024

## निविदा आमंत्रण की सूचना

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 & PWD Electrical SOR 01.06.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु मैनुअल निविदा वेबसाइट से डाउनलोड कर बंद लिफाफा के माध्यम से आमंत्रित की जाती है :-

- निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने की अंतिम तिथि - 18.09.2024 सायंकाल 3:00 बजे तक
- निविदा खुलने की अंतिम तिथि - 18.09.2024 सायंकाल 4:30 बजे

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रु में	निविदा प्रपत्र का मूल्य	निविदा प्रपत्र	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
01	वार्ड क्र. 51 लाटा से सुनिता नाग घर से रामजुग भारिया तक सी.सी. रोड का मरम्मत कार्य। (मरम्मत एवं संधारण मद) (द्वितीय निविदा)	3,96,000/-	4,000 /-	750/-	Form-A	03 माह	सक्षम श्रेणी	18.09.2024
02	वार्ड क्र. 47 कुमगरी नीचेपारा में मुक्तिधाम निर्माण कार्य। (प्रभारी मंत्री मद 2024-25)	10,00,000/-	7,500 /-	750/-	Form-A	04 माह	सक्षम श्रेणी	18.09.2024
03	वार्ड क्र. 48 नागिन भाठा स्वास्थ्य केन्द्र के बगल में सामुदायिक भवन निर्माण कार्य। (प्रभारी मंत्री मद 2024-25)	10,00,000/-	7,500 /-	750/-	Form-A	04 माह	सक्षम श्रेणी	18.09.2024
04	वार्ड क्र. 51 कबीर भवन के पीछे साडा कॉलोनी दर्री सामुदायिक भवन निर्माण। (प्रभारी मंत्री मद 2024-25)	10,00,000/-	7,500 /-	750/-	Form-A	04 माह	सक्षम श्रेणी	18.09.2024
05	वार्ड क्र. 52 अंतर्गत नीलगिरी बस्ती में मेन रोड से दिपांकर चक्रवर्ती, विनोद घर से दिलीप सिंह एवं दिलीप सिंह से देवांगन घर तक आर.सी.सी. नाली का मरम्मत कार्य। (मरम्मत एवं संधारण मद)	3,93,000/-	4,000 /-	750/-	Form-A	03 माह	सक्षम श्रेणी	18.09.2024
06	वार्ड क्र. 52 अंतर्गत नीलगिरी बस्ती में मेन रोड से कृष्णकांत साहू के घर तक तथा विजय मल्लिक के घर से नवधा पण्डाल तक सी.सी. रोड का मरम्मत कार्य। (मरम्मत एवं संधारण मद)	3,94,000/-	4,000 /-	750/-	Form-A	03 माह	सक्षम श्रेणी	18.09.2024

### निविदा की शर्त:-

- 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।
- निविदा के दस्तावेज रजिस्टर्ड पोस्ट अथवा स्पीड पोस्ट से भेजना होगा अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक

क्रमशः.....02

22. 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।
23. कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
24. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।
25. ठेकेदार द्वारा संपादित किये गए कार्यों के देयको का भुगतान बजट आबंटन और राशि उपलब्ध होने पर किया जाएगा।
26. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार आयुक्त, नगर पालिक निगम के पास सुरक्षित रहेगा।
27. निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी।

प्रतिलिपि :- प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, नया रायपुर (छ.ग.) को [Uad.cg.gov.in](http://Uad.cg.gov.in) में अपलोड किये जाने हेतु प्रेषित।

(ठेकेदार के हस्ताक्षर)

नाम .....

पूर्ण पता .....

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मोबाईल नं.- .....

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

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

Name of work :- Construction of Samudayik Bhawan at Demand of Maratha Community Beside Kabir Bhawan Sada Colony at ward 51

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	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								
		1	12.00	13.00		156.00			
					Total	156.00	Sqm	7.20	1123.20
2	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.								
	footing	13	1.20	1.20	1.20	22.46			
	Ground Cutting below plinth beam	3	6.25	0.30	0.40	2.25			
		2	2.40	0.30	0.40	0.58			
		2	2.60	0.30	0.40	0.62			
		2	3.40	0.30	0.40	0.82			
		2	2.80	0.30	0.40	0.67			
	toilet block (1.55x2.7)	3	2.85	0.30	0.40	1.03			
		2	2.70	0.30	0.40	0.65			
	septic tank	1	5.00	2.00	2.00	20.00			
	for paver block	1	12.50	2.50	0.20	6.25			
	for plinth protection	1	47.50	0.75	0.20	7.13			
	deduct dead (-)	-13	1.20	0.30	0.40	-1.87			
					Total	60.58	Cum	185.00	11207.12
3	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete								
	footing	13	1.20	1.20	0.10	1.87			
	below plinth beam	3	6.25	0.30	0.10	0.56			

no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
		2	2.40	0.30	0.10	0.14			
		2	2.60	0.30	0.10	0.16			
		2	3.40	0.30	0.10	0.20			
		2	2.80	0.30	0.10	0.17			
	toilet block (1.55x2.7)- 2nos	3	2.85	0.30	0.10	0.26			
		2	2.70	0.30	0.10	0.16			
	septic tank	1	2.85	1.90	0.10	0.54			
	Hall	1	8.70	6.07	0.10	5.28			
		1	6.07	2.40	0.10	1.46			
	toilet block	2	2.70	1.55	0.10	0.84			
	deduct dead (-)	-10	0.20	0.30	0.10	-0.06			
		-3	0.20	0.30	0.10	-0.02			
					Total	11.56	Cum	371.00	4289.95
4	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.								
	1	1	60.58	0.70		42.41			
				Total		42.41	cum	65.00	2756.34
5	Providing filling and compacting local earth (from approved source pit) in layer not exceeding 20cm in depth consolidating each deposited layer by								
	filling local earth	1	8.70	6.07	0.50	26.40			
		1	6.07	2.40	0.50	7.28			
		2	2.70	1.55	0.50	4.19			
					Total	37.87	Cum	242.00	9165.39
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.								
	1:4:8 (1 cement : 4coarse sand : 8 graded stone aggregate 40mm nominal size).								
	footing	13	1.20	1.20	0.10	1.87			
	below plinth beam	3	6.25	0.30	0.10	0.56			
		2	2.40	0.30	0.10	0.14			
		2	2.60	0.30	0.10	0.16			

no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
		2	3.40	0.30	0.10	0.20			
		2	2.80	0.30	0.10	0.17			
	toilet block (1.55x2.7)- 2nos	3	2.85	0.30	0.10	0.26			
		2	2.70	0.30	0.10	0.16			
	septic tank	1	2.85	1.90	0.10	0.54			
	Hall	1	8.70	6.07	0.10	5.28			
		1	6.07	2.40	0.10	1.46			
	toilet block	2	2.70	1.55	0.10	0.84			
		1	12.50	2.50	0.10	3.13			
	for plinth protection	1	24.50	0.75	0.08	1.47			
	deduct dead (-)	-10	0.20	0.30	0.10	-0.06			
		-3	0.20	0.30	0.10	-0.02			
					Total	16.16	Cum	2659.00	42964.65
7	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	13x4	1.00		0.30	15.60			
	COLUMN Below Plinth Beam	10x2	0.20		0.90	3.60			
		10x2	0.30		0.90	5.40			
		3x4	0.20		0.90	2.16			
	plinth beam (200x300mm)	3x2	6.25		0.30	11.25			
		2x2	2.40		0.30	2.88			
		2x2	2.60		0.30	3.12			
		2x2	3.40		0.30	4.08			
		2x2	2.80		0.30	3.36			
		3x2	2.85		0.30	5.13			
		2x2	2.70		0.30	3.24			
					Total	59.82	Sqm	139.00	8314.98
8	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	Column , pillars, piers and likes-rectangular or square in shape								
	column 200x300mm	10	1.00		3.00	30.00			
	200x200mm	2	0.80		3.00	24.00			
					Total	30.00	Sqm	297.00	8910.00



no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
	3.1.5 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	footing	13	1.00	1.00	0.30	3.90			
	column upto plinth beam	10	0.20	0.30	0.90	0.54			
		2	0.20	0.20	0.90	0.07			
	plinth beam length (200x300)mm	1	54.10	0.20	0.30	3.25			
	lintel beam length ( 200x200) mm	1	54.10	0.20	0.20	2.16			
	slab wall beam( 200x200)mm	1	54.10	0.20	0.20	2.16			
	slab T beam( 300x400)mm	2	6.50	0.30	0.40	1.56			
	slab	1	12.15	7.15	0.12	10.42			
	beam below septic tank cover (200x200)mm	1	9.50	0.20	0.20	0.38			
	septic tank cover	1	2.85	1.90	0.12	0.65			
					Total	25.10	Cum	4163.00	104493.38
14	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				#####	3793.88			
					Total	3793.88	Kg	54.50	206766.46
15	Brick work with modular fly- ash lime bricks (FaLG Bricks) confirming IS 12894-2002 of class designation 4.0 in foundation and plinth in Cement Mortar 1:5 (1 cement :5 coarse sand)								
	both side of column	13x2	0.40	0.20	0.60	1.25			
	in ground cutting area	3	5.05	0.20	0.30	0.91			
		2	1.20	0.20	0.30	0.14			
		2	1.40	0.20	0.30	0.17			
		2	2.20	0.20	0.30	0.26			
		2	1.60	0.20	0.30	0.19			
	toilet block (1.55x2.7)- 2nos	3	1.65	0.20	0.30	0.30			
		2	1.50	0.20	0.30	0.18			
	upto lintel level	3	6.25	0.20	2.10	7.88			

ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
	2	2.40	0.20	2.10	2.02			
	2	2.60	0.20	2.10	2.18			
	2	3.40	0.20	2.10	2.86			
	2	2.80	0.20	2.10	2.35			
	3	2.85	0.20	2.10	3.59			
	2	2.70	0.20	2.10	2.27			
upto slab level	3	6.25	0.20	0.80	3.00			
	2	2.40	0.20	0.80	0.77			
	2	2.60	0.20	0.80	0.83			
	2	3.40	0.20	0.80	1.09			
	2	2.80	0.20	0.80	0.90			
	3	2.85	0.20	0.80	1.37			
	2	2.70	0.20	0.80	0.86			
septic tank	2	2.85	0.20	2.30	2.62			
	2	1.90	0.20	2.30	1.75			
parapet wall	1	41.20	0.20	0.30	2.47			
deduct opening (-) for C.G.	-1	3.00	0.20	2.10	-1.26			
door	-1	1.00	0.20	2.10	-0.42			
window	-2	1.20	0.20	1.20	-0.58			
	-1	1.00	0.20	1.20	-0.24			
toilet door	-2	2.00	0.20	2.10	-1.68			
ventilation	-5	0.60	0.20	0.35	-0.21			
				Total	37.82	Cum	3350.00	126683.60
16	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	47.20	0.75	0.15	5.31	Cum	4073.00	21627.63
17	11.3 providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix							
	3.3In Cement Mortar 1:5(1 cement :5 fine sand )							
	1	11.75		4.20	49.35			
	2	11.75		0.60	14.10			



no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rato	Amount
	behind building	1	17.20		7.20	123.84			
	parapet	2	41.55		0.30	24.93			
	top of parapet	1	41.55		0.20	8.31			
					Total	220.53	Sqm	113.00	24919.89
18	providing and making 12mm thick cement plaster of mix 2.3In Cement Mortar 1:5(1 cement :5 fine sand )								
	inner wall (8.7+6.1)	2	14.80		3.30	97.68			
	(6.1+2.4)	2	8.50		3.30	56.10			
	toilet( 2.7+1.55)	2	4.25		3.30	28.05			
	toilet( 2.7+1.55)	2	4.25		3.30	28.05			
					Total	209.88	Sqm	96.50	20253.42
19	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.								
	Window	2	1.50	1.20	55.78	111.56			
		2	1.00	1.20	64.50	129.00			
	Door with frame	1	1.00	2.10	60.50	60.50			
	Double Leaf Door with frame	1	1.50	2.40	150.00	150.00			
					Total	451.06	kg	75.00	33829.50
20	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.		430.41			430.41			
		1	11.55	6.20		71.61			

no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
		2	8.50	3.50		59.50			
					Total	561.52	Sqm	94.50	53063.64
21	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								
	14.16.1 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)					270.53	Sqm	74.50	20154.485
22	14.11 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					340.99	Sqm	52.50	17901.975
23	Painting on new work (two or more coats) to agiven an even shade with 22.1satin synthetic enamel paint								
	Door	2.00	1.00	2.10		4.20			
	Window	4.00	1.00	1.20		4.80			
	ventilation	6.00	0.60	0.45		1.62			
	cg	2.00	3.40	2.40		16.32			
	Grill	4.00	1.50	1.20		7.20			
					Total	34.14	sqm	55.00	1877.70
24	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					79.80	Sqm	1151.00	91849.80

no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
25	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								
	12.7.1 Size upto 200x300mm	4	4.70	2.10		39.48	sqm	587.00	23174.76
26	12.10 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								
	12.10.1 Size 300x300mm	2	2.70	1.70		9.18	sqm	858.00	7876.44
28	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	4.00	3.00			12.00	metre	267.00	3204.00
29	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	7.00				7.00	Each	154.00	1078.00
	77.5 "P" trap 110mm X750mm long	5.00				5.00	Each	90.50	452.50

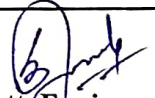
no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
30	19.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing 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. <b>CONCEALED WORK including cutting chases and making good the walls etc.,</b>								
	7.1 15mm dia nominal bore	10.00	2.00			20.00	metre	133.00	2660.00
	7.2 20mm dia nominal bore	10.00	1.50			15.00	metre	213.00	3195.00
31	19.6 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. <b>EXTERNAL WORK</b>								
	19.6.3 25 mm nominal outer dia pipes	1.00	15.00			15.00	metre	165.00	2475.00
32	Providing and fixing 15mm nominal bore brass bib/ stop cock of approved								
	13.3 Stop cock (350grams)	6.00				6.00	Each	237.00	1422.00
33	19.42 Providing and placing on terrace polythene water storage tank and the base support for tank	1.00	1000.00			1000.00	litre	7.30	7300.00

Sno.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
34	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 :								
a	18.1.1 White Long pattern W.C. pan of size 580 mm	2				2.00	each	2459	4918
35	19.17 Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete								
	19.17.3 25 mm nominal bore	1.00	1.00			1.00	Each	432.00	432.00
36	Providing and laying and jointing glazed stoneware pipes grade 'A'with stiff mixtures of cement mortar in propotion 1:1 including testing of joint etc complete								
	1.2 150mm diameter	1.00	3.00			3.00	metre	262.00	786.00
37	Providing and laying cement concrete 1:5:10, 40mm nominal size all- round S.W. pipes including bed concrete								
	2.2 150mm dia. S.W. pipes	1.00	4.00			4.00	metre	436.00	1744.00
38	20.3 Providing and Fixing Square - mouth S.W. gully trap grade A, As per standardf design								
	3.1 100x100mm size p type	2.00	1.00			2.00	Each	1339.00	2678.00

	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rato	Amount
39	Provide 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. M.S. frame covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45degree angle on either side forming styles; and 5mm thick, 95mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2 ) thick, 20mm wide cross PVC sheet be								
	8.152.1 PVC door shutter	2	0.80		2.10	3.36	sqm	2318.00	7788.48
40	19.48 Constructing masonry Chamber 60x60x75 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 sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate	1			1.00	1.00	each	4644.00	4644.00

no.	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
41	18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :	2				2.00	ech	1430.00	2860.00
42	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								
	19.14.8 Basin mixer pillar tap with spout (1000 grams)	2				2.00	each	1248.00	2496.00
	19.14.16 Towel rail (600mm long x 20mm dia)	2				2.00	each	338.00	676.00
	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse							0	
	12.65.2 Pigment Coloured (rubber mould) precast interlock concrete blocks	1	12.5	2.45		30.625	Sqm	632	19355.00
								<b>Amount Rs.</b>	<b>947187.10</b>
								<b>add electrification Work</b>	<b>52507.00</b>
								<b>Total Amount Of Estimate</b>	<b>999694.10</b>
								<b>Say As Net Total Amount Of Estimate</b>	<b>1000000.00</b>

  
**Sub Engineer**  
**Municipal Corporation**  
**Korba(C.G.)**

  
**Asstt. Engineer**  
**Municipal Corporation**  
**Korba(C.G.)**

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

## Abstract

Sub :- Internal Electrification work of Samudayik Bhawan at ward 51


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


S.No	Ref. no	Item of Work	Unit	Rate	Qty	Amount
		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				
	1.10.1	Short Point	Point	442.00	10	4420.00
	1.10.2	Medium Point	Point	659.00	8	5272.00
	1.10.3	Long Point	Point	922.00	4	3688.00
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	5	435.00
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	6	780.00
	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, IS: 374:2019 including all amendments.				
	6.1.3	1200 mm sweep	Each	1697.00	6	10182.00
5	6.5	Supplying and fixing of wall/ cabin fan including connection etc. as per specification. P.F. should be greater than 0.9				
	6.5.1	300 mm sweep	Each	1387.00	2	2774.00
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 $\geq$ 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 $\geq 100$ lumens /watt.				
	6.19.3	18/20 watt {4 feet}	Each	443.00	13	5759.00
	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	2	1852.00
	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	1	337.00
	12	<b>EARTHING</b>				
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
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	19.00	20	380.00
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	15	1410.00
14	19.15	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 per specification.	Each	902.00	1	902.00

	6.28	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio $\geq$ 120 lumens /watt.				
	6.28.8	90 watt	Each	5531.00	1	5531.00
15	15.11	Supplying and hanging following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade on GI bearer wire (binded at every metre) including cost of bearer wire complete as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.11.3	2 x 10 sq. mm. on 8 SWG GI bearer wire	Metre	103.00	30	3090.00
					TOTAL	52507.00

  
 Sub Engineer  
 Municipal Corporation  
 Korba(C.G.)

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