कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 673 / 2024

सिस्टम टेंडर नं. 163839

कोरवा दिनांक 03.01.2025

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 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 सबिमेशन लिफाफा प्राप्त होने की अंतिम तिथि - 21.01.2025 सायंकाल से 3.00 बजे तक

2	. निविदा खुलने की अंतिम तिथि		- 21.0	1.2025 साय	काल 4.00 बज स		निविदा
क.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठकदार का वर्ग	खुलने की तिथि
1	वार्ड क. 49 आगारखार सांस्कृतिक मंच के पास सामुदायिक भवन व किचन शेड निर्माण कार्य (खनिज न्यास मद)	25.00	19000/-	03 माह	750/-	वर्ग डी एवं प्रवर श्रेणी	21.01.2025 就

शर्ते:-

2.

5.

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 1.

दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी जिन टेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी टेके 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।

इच्छुंक 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. 3. 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 डिमाण्ड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्केन कापी ऑन लॉईन 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 डांक 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 सबिमशन 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 रू. 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। 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 परफार्मेस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एवं परफारमेंस गारटी राशि वापसी हेतु समयाविध की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयाविध में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।

जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया

हो वे निविदाकार ही निविदा हेतू पात्र होंगे।

निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्नामीण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 6. 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।

7.

- ईंट से संबंधित निर्माण कार्यों में पलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा। 8.
- 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 9 समतुल्य परफारमेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयक्त 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।

निविदा अहरतांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा। 10

निविदा प्रपत्र फार्म –ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा। 11 निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।

12 निविदा रवीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा। 13.

- उपरोक्त निर्विदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरवा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है। 14
- ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भूगतान कार्य विशेष हेत् बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा। 15 निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से 16 छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भगतान किया जाना संभव नहीं होगा।

कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित टेकेदार द्वारा किया जावैगा। 17.

देकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा। 18

> ्रकार्यपालन अभियंता नगर पालिक निगम कोरबा (छ.ग.)

प्रटिलिपि-

Date-Time Detail(s)

Seq.	Nagar Nigam Stage	Contractor Stage	Star	t	Expir	ry	Remarks
No.			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 Submmission	03.01.2024	15.00	21.01.2025	15.00	
1	Tender Open		21.01.2025	16.00			

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

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

DETAILED ESTIMATE

Name of Work :- construction of Samudayik Bhawan Near Agarkhar Sanskritik Munch at ward 49

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

	or 301 :- Schedule of Rates Public Works D	epart	ment [F	PWD BU	JILDING	01-01-2	015]		
		G	roun	d floo	r				
Sno.	U EW DESCRIPTION	N	L	В	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 away from the dressed area).								
	·					100.00			
		1	8.00	15		120.00	Sqm	18	2160
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.				Total		Juli		
	In all types of soil								
	footing (x-x)	10	1.50	1.50	1.5	33.75			
	footing	3	1.50	1.50	1.5	10.13			
	Ground Cutting below plinth beam	2	10.00	0.30	0.40	2.40			
		3	2.50	0.30	0.40	0.90			
		3	6.20	0.30	0.40	2.23			
	for plinth protection	1	37.40	0.75	0.20	5.61			
	septic tank	1	2.50	1.80	1.50	6.75			
		4_			Total	61.77	cum	185	11426.895
3	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.		10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -						
	footing (x-x)	10	1.50	1.50	0.1	2.25			
	footing	3	1,50	1.50	0.1	0.68			
	Ground Cutting below plinth beam	2	10.00	0.30	0.15	0.90	1		
		3	2.50	0.30	0.15	0.34			
	- 1 (3	6.20	0.30	0.15	0.84			
-	for plinth protection	1	+	0.75	0.15	4.21	1	7. 计总编译	554
	Hall	1	5.80	12.10	0.10	7.02	-	ar malloc	- with delications

0.45 1.80 0.10 2.50 6186.425 371 16.68 cum Total 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. 70% of total exacavated material 43.24 1 61,77 0.70 cum 65.00 2810 43.24 Total 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). 2.25 footing (x-x) 1.50 0.1 1.50 10 0.68 1,50 0.1 footing (y-y) 1 50 0.60 Ground Cutting below plinth beam 2 10.00 0.30 0.10 0.23 0.10 3 2.50 0.30 6.20 0.30 0.10 0.56 3 2.81 37.40 0.75 0.10 1 for plinth protection 0.45 1.80 0.10 2.50 septic tank 1 2970.00 22462.11 cum 7.56 Total Providing and fixing formwork including centering, shuttering, strutting, staging, 5 propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, base of columns and plinth beam in any shape and size. 0.6 16.80 10x2 1.40 Ground Floor (footing) 16.80 10x2 1.40 0.6 2.52 0.3 3x2 1.40 0.3 2.52 1.40 3x2 5.60 10x2 0.80 0.35 0.35 5.60 10x2 0.80 1.68 3x2 0.80 0.35 0.80 0.35 1.68 3x2 Column(c-1) (upto plinth level) (300x400mm) 30.80 1.1 10 1.4 27.72 1.4 1.1 0.6 15.00 12.50 Plinth level beam (300x300) 10.44 0.6 5.80

	7								
	septic tank	1	1.90		0.6	1.14	1		
	- Production	1	1.80		0.6	1.08			
	Columns Pillom Pi				Total	139.38	Sqm	139.00	19373.82
	Columns, Pillars, Piers and likes- rectangular or square in shape								
	Ground Floor		-			-	-		-
	Column (c-1)(PL to SL)	10		1	3.6	100.00	+	 	
		3		1.4	3.6	100.80	-	-	-
		-	+	1.4	Total	201.60	Sqm	297	59875.2
	Beams, lintels, cantilevers & walls	-		<u> </u>	Total	201.00	Juli	237	33073.2
	Ground Floor	 		 	1		1		
	Lintel level beam (200x250)	2	12,50	-	0.45	11.25	-		+
		3	5.80	-	0.45	7.83	-		
		1	1,90		0.45	0.86	1		
	slab wall Beam (200x400)	2	12.50	†	0.8	20.00			
		3	5.80		0.8	13.92			
	slab T Beam (300x700)	2	5.80		1.7	19.72			
					Total	73.58	Sqm	202	14862.15
D	Weather shade, chhajja, cornices, and moulding								
	Ground Floor	1	12.50	0.60		7.50			
	, , , , , , , , , , , , , , , , , , , ,	3	1.50	0.60		2.70			
					Total	10.20	Sqm	294	2998.8
	2.1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and								
E	shelves (cast in situ)	_					<u> </u>	-	ļ
	Ground Floor	 				 			
	Slab	1	12.50	6.2		77,50	-	-	-
	Outer projection	2	12.50	0.3	-	7.50 3.72	┼─	-	
		2	6.20 13.10	0.3	0.12	3.72	-	-	
		2	6.80	+	0.12	1.63	-	-	-
		2	3.75	1	10.12	7.50	+	 	
	stair case (landing)	1	1.00	2.5		2.50	-		+
	staircase plateform	1	1.00	1		2.50	+-	-	
		4	3.75	╁	0.12	1.80	+	1	
		2	1.00		0.12	0.24		 	
		2	2,50		0.12	0.60	 	1	
	septic tank slab	1	2.50	1.8	0.1	0.25	1		
	Septic tank state	Ť	Total			106.39	Sqm	235	25000.71

	Providing								
,	Providing and laying nominal mix					T	T		
								'	
						l			1
ľ	reinforcement and form work.					l .			
6					ł	Ì	1		
	1:11/2:3 (1 cement 11/2 coarse sand : 3 graded								
	stone aggregate 20mm nominal size).				}				
1	-86 egate 2011m nominal size).				1		}	l l	
	Ground Floor				i	l _			
	Hall								
	Footing	10	1.40	1.4	0.3	5.88			
		3	1.40	1.4	0.3	1.76	1		
		10	0.80	0.8	0.2	2.00	†		
		3	0.80	0.8	0.2	0.60	1		
	Column (C1) upto Plinth level	10	0.30	0.4	1.1	1.32	1		
		3	0.30	0.4	1.1	0.40			
	Column C1 (PL to SL)	10	0.30	0.4	3.6	4.32	 		
	- 11	3	0.30	0.4	3.6	1.30	-		
	Plinth level beam (300x300)	2	12.50	0.3	0.3	2.25	-		
	(200.20)	3	5.80	0.3	0.3	1.57	-		
		1	1,90	0.3	0.3	0.17	-		
	Lintel level beam (200x250)	2	12.50	0.2	0.25	1.25			
		3	5.80	0.2	0.25	+	 		
		1	1.90	0.2	+	0.87			
	slab wali Beam (200x300)	2			0.25	0.10			
\vdash	Sizo wali Bealii (200x500)		12.50	0.2	0.3	1.50			
\vdash		1	1.90	0.2	0.4	0.15			
-	-l-L T D (200-700)	2	5.80	0.2	0.3	1.04	-		
<u></u>	slab T Beam (300x700)		5.80	0.3	0.7	2.44			
<u></u>	weather shed chajja	1	12.50	0.60	0.10	0.75			
_		3	1.50	0.60	0.10	0.27			
	slab of hall	1	13.10	6.8	0.12	10.69			
_	staircase landing	2	3.75	1	0.12	0.90			
	staircase plateform	1	1.00	2.5	0.12	0.30			
		1	1.00	1	0.12	0.12			
	septic tank beam	1	1.80	0.2	0.2	0.07			
		1	2.50	1.8	0.1	0.45			
					Total	42.46	Cum	4163	176767.6408
	Providing and laying nominal Plain cement								
1	concrete with crushed stone aggregate using			1				1	
1	concrete mixer in all works upto floor five		1						1
1	level excluding cost of reinforcement and form	1		1					
1	7 work.								
\vdash	1:1½:3 (1 cement : 1½ coarse sand : 3 graded		-	-		-	-	ALCOHOL: N	
	stone aggregate 20mm nominal size).(approach		1	1				0.000	
_	road)	0.00		1				1	
a	1,000)	Residence	1						

et	step of staircase	23	1	0.3	0.15	1.035			
					Total	1.035	cum	4073	4215.555
	Providing and placing in position		1						
١	reinforcement for R.C.C. work including				1	1			
- 1	straightening, cutting, bending, binding etc.		1		1		ľ		
	complete as per drawings including cost of	ł		i					
8	binding wire all complete:		1		1	1			
	Thermo-Mechanically treated bars	100	kg/cum		-	4246.16			
\dashv	Thermo-Mechanicany treated bars	100	Kg/cum		Total	4246.16	Kg	54.5	231415.72
	Brick work with modular fly-ash lime bricks		+		10111				
	(FALG Bricks) confirming to IS:12894-2002		1		1	i	•	1	
9	of class designation 40 in foundation and								
	plinth in				1				
_	Cement Mortar 1:5(1 cement 5 coarse sand)		-						
	Comment Mortal 1:5(1 cellent 5 coarse saile)								
_	below plinth beam	2	11.00	0.30	0.40	2.64			
		3	5,40	0 30	0.40	1.94			
	septic tank	2	2.50	0.20	1.50	1.50			
		2	1.40	0.20	1.50	0.84			
					Total	6.92	Cum	3350	23195.4
	Brick work with modular fly-ash lime bricks							1	
	(FALG Bricks) confirming to IS:12894-2002	-						1	
	of class designation 40 in foundation and	-	1					1	
10	plinth in: Extra for brick work in							1	
,,	superstructure above plinth level for every			l				ĺ	
	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	\vdash							
	plinth level for every floor or part thereof in		1]	
	above plinth beam	2	11.00	0.20	3.10	13.64			
_	above pilitil beam	3	5.40	0.20	3.10	10.04			
	deduct opening door	-1	1.20	0.20	2.10	-0.50			
_	deduct opening door	-1	1.00	0.20	2.10	-0.42		I	
-1		-5	1.50	020	1.20	-1.80			
*1		-1	1.50	0.20	2.10	-0.63			
					Total	20.33	Cum	3471	70565.43
		<u> </u>		 	-	-	(-	
1	1 6mm thick cement plaster of mix:	-	-	-	+	1	-	12	
	In Cement Mortar 1:4 (1 cement : 4 fine sand)	1	6.80		13.10	89.08	Sqm	87	7750
						-		-	
	2 12mm thick cement plaster of mix:	-	-	Bridge (S)	III II-	-	-	-	All Mildelinia and restriction

In Cement Mortar 1:6 (1 cement : 6 fine sand) 83.52 3.6 5.80 4 87.12 3.6 2 12,10 deduct opening door -2.52 2.10 1.20 -1 -2.10 2.10 -1 1.00 -9.00 1.20 -5 1.50 -3.15 2.10 1.50 14848.455 96.5 Sqm 153.87 Total 15mm thick cement plaster on the rough side 13 of single or half brick wall of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) 50.22 4.05 outer wall 6.20 101.25 4.05 12.50 17116.11 113 151.47 Sqm Total 7.50 1.5 septic tank wall 2.50 5.40 1.5 1.80 4.50 2.50 1.8 1966.2 113 Sqm 17.40 Total 17.40 13 (HNeat Cement punning. 574.2 17.40 33 septic tank wall/base Total Sqm 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. 10.00 6.2 62.00 Size 600x600mm 2.70 6.2 16.74 Total 78.74 1151 sqm 90629.74 15 mm thick Table rubbed polished Granite stone slab flooring laid over20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above) Granite stone black 22 1.20 staircase 7.92

-		THE PERSON NAMED IN	· ·	Organia Marina					
_	landing	22	1.20	0.15		3.96		1	
_		1	2 10	1	MAX & - NEWS INCOMPANY	2.10	-	1	
1		1	2 10	3	and a constitution of the contract of the cont	6.30	-		
-	Providing wood work in frames of doors, windows, elemeters with the control of th				Total	20.28	sqm	2646	53660,88
- 1	windows, clerestory windows and other frames wrought framed and fixed to provide			-			-	1	
1	wrought framed and fixed in position.		1				1	ľ	
16	o wanted and fixed in position.		1			i			
\neg	Sal, bilasal kontrol by			1					A
	Sal, bijasal, benteak, khair, haldu			-		1			
4	Door (D)	 	5.40			-	-		
4	Door (D1)	1	5.40	0.15	80 0	0.06	-	-	-
			5.20	0.15	0.08	0.06	-	-	-
	9.13 Providing and fixing steel door/			-	Total	0.13	cum	61051	7765.687
	window with M.S. sheet 1mm thick, frame		ĺ	1	1				ı
	of angle iron diagonal t			1		1			
	of angle iron, diagonal braces of angle/	,	ì		1		i		1
	flat iron of suitable size, 3.00 mm							1	
	M.S. gusset plates at junctions and		1	ı		1		1	1
	corners, all necessary fittings							ļ	1
	complete including applying a priming	÷	ł					-	į.
	coat of red oxide zinc chromate		i.			Ì			l
	primer.		L.				1		
	Grill	1.00	1,80	1,20	40.00	86.40			
	Door with frame	1			50.00	50.00			
	Double Leaf Door with frame (1,2x2,1)	1			150.00	150.00			
					Total	286.40	kg	75.00	21480.00
					1.5.0.	1-00.70	^6	/3.00	21400.00
	Providing and fixing flush door shutters,		1	-	_	1		l	
	conforming to IS: 2202 (Part-I),				i				
	decorative type core of block board				2			l	
17	construction with frame of first class								
	hard wood and well matched teak ply veneering with vertical grains or							1	
	cross bands and face veneers on both faces of					N .	1		
	shutters excluding hinges.								
		_					37		
	25 mm, thick (double leaf for cupboard	1	1.20		2.10	2.52			
	shutters with piano type hinges	,	****	7 _	2.10	2.52		Total Control	1
			-12		Total	2.52	sqm	1669	4205.88

		_		
	4	С	777	4
1	м	•	•	
	2		. 3	

20,0									
100	Providing and fixing aluminium work for	·	·				T	т	T
Pf :	doors, windows amountains work for				i		1	1	
	doors, windows, ventilators and partitions					1	1		
	traduction of CAUDOO Bluminium at and and			ſ			1	1	
ĺ	sections (main section with minimum 1.5mm		l	1	1		1	1	
ı	""CANCAS) COnforming to 19, 711 10, 1906	1	1		l	1	1	1	
- 1	and joined mechanically including		l	l	İ				
ı	minimum cicals, neoprene weather stringing	1	1		ł	1	1		
	being Develed cities bending to an and date.	l	1						
18	fixed in wall/ floor with fixing clips or hold		l	1					1
1	fasteners or bolts and nuts as required						1	1	
	aluminium sections shall be anodized		1				1		
	transparent or death of anodized						1		1
	transparent or dyed to approved shade							· ·	
	according to IS: 1868, minimum anodic	-						1	
	coating shall be of grade AC-15. (Glazing to		ł			1		1	
	be paid for separately:For fixed portion				l	1			
								1	
				ļ	10	0.00	-	 	
	window	5	1.50		1.2	9.00 1.35	-	-	
	ventilation	5	0.60		0.45	10.35	sqm		
	1		<u> </u>	<u> </u>		155.25	kg	331	51387.75
		15kg	/sqm			155.25	^6	1332	
	Providing and fixing M.S. grill of approved						l		
	pattern made of M.S. flats or		ĺ			1			
	square or round bars welded to steel frame of							-	
1	windows etc. including					1	l	l	
l	applying a priming coat welded to frame with	-		-			l		
1	all necessary fitting complete						l		
l	including applying a priming of red oxide zinc			14		İ		l	
	also made neimer		-		-	_	l	ļ	
19	chromate primer.	15 kg	leam 20	ner ite	n no. 18	155.25	kg	67.5	10479.375
	window, ventilation Grill	12 VR	/sq.,, = :	per ite.	1	233.23		1	
		├					 	-	
	Providing and fixing glazing in aluminium	İ							
	door, window, ventilator shutters		1			1		1	
	and partitions etc. with PVC/ neoprene gasket			_		20000			
	ere complete (Cost of				l	÷.	1		
	latuminium spap beading shall be paid in basic					1	1		
	item): With float glass panes of 4 mm thickness			ĺ		l	1		
1			KI			! _	1	1	
20	(1.7)	size a	s per ite	m no. 1	8	10.35	sqm	611	6323.85
	window and ventilation grill		1		T	1		Beneva.	1
	Providing and applying 2mm thick ready mix		ł			1		100	
1	exterior grade approved						1		
	make putty (like Birla wall care, Alltek	l	=			1	1	1	
22	Superfine W/R of (NCL), Asian, ICI,				l		-	-	a large
	Nerolac, J.K. wall putty) on walls to make the				1	1	-	1	新黎
	surface smooth and even.			l _{st =}					
-	Qty. as per 15+12+6mm plaster			211		394,42			经是透析
-	Qty, as per 15 · 12 · Onni practe.			e Barre	Total	394.42	sqm	94.5	37272.69
1				L			-	_	

Service of the last	7								
2	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 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm QTY as per 15mm thick plaster					151.47			
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				Total	151.47	sqm	74.50	11284.515
_	qty as per 6mm+12 mm thick plaster				Total	242.95 242.95	sqm	74.50	18099.775
25	14.22 Painting on new work (two or more coats) to give an even shade with:				lotai	242.33			
	14,22.1 Satin synthetic enamel paint	6x2	1.5		1.2	21.6	sqm	55	1188
26	14.20 Applying priming coat on wood work with ready mixed primer.	1	2.52	1,5		3.78	Sqm	23.5	88.83
27	14.41 Lettering with black Japan paint, per cm height.		2500		0.8	2000	PER LETER	0.7	1400
28	14.25 Providing and laying French sprit polish on new wood work after preparing the surface by rubbing down smooth with sand papers, covering the knots,	Sqm	3.78			3.78	Sqm	143	540.54
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	72.5	435
30	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete:					2	each	475	950
	Providing and fixing bright finished brass lower bolts (barrel type) with brass polished MS screws complete: 200x10 mm					2	each	231	462

-	Dr. C. C.								
	Providing and fixing bright finished brass door handles with brass polished MS screws complete: 125 mm					4	each	55.5	222
33	Providing and fixing antique/ SS finished brass butt hinges with antique/ SS polished MS screw complete: 125x85x5.50mm (Heavy Type)					2	each	256	512
34	Providing and fixing Anitque/S.S. finished brass door latch with necessary Antique/S S. POlished MS screws complete: 300 x16x5 mm					2	each	424	848
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.					2	each	77	154
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 the exposed portion of loop.					6	each	97	582
37	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.		er i						
	20kg/sqm	2	3.75		0,75	5.625	sqm		10500.05
		25kg /sqm				140.75		467	65730.25
		Parl	A (GR	OUND	FLOOP	R) Estin	nate A	mount	Rs. 1101273.94

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

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

Name of Work -construction of Samudayik Bhawan Near Agarkhar Sanskritik Munch at ward 49

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

	Public Works De	parl	lment [P	WD BL	ILDING	01-01-201	[5]		
			First						
Sno.	ITEM DECEMBER DET	All	LED ES	AMIT	TE				
	Providing and Given C	N	L	В	H/D	Qty	Unit	Rate	Amount
	Providing and fixing formwork including centering, shuttering, strutting, staging,								
1	propping bracing etc. complete and including		;						
-	its removal at all levels, for:	١					1		1
	Columns Dillom Diam 188	_		*,					
а	Columns, Pillars, Piers and likes- rectangular or square in shape					į			
	First Floor	_				ļ			
	Column (c-1)(PL to SL)	13		1.400	3.600	100.800			
		2		1.200	3,600	86.400			
	mumty/ stir cover	4		1.400	2.400	67.200			
_					Total	187.200	Sqm	297.000	55598.400
b	Beams, lintels, cantilevers & walls								
	First Floor								
	Plinth level beam (200x300)	1	65,800	 	0.600	157.920			
	d/d door / gallary	_	6.200	 	0.600	37.200			
	stair beam	1	2,100		0.600	2.520			
	Lintel level beam (200x250)	1	65.800		0.500	131.600			
	Limit to the State (255).	1	2.100	1	0.700	14.700	1		
	slab wall Beam (200x400)	1	65.800		0.600	157.920	1		
\vdash		1	2.100	1	0.800	16.800			
		2	2.500		0.600	15.000			
		2	4.000		0.600	24.000			
						518.660	Sqm	202.000	104769.320
		_		, :	 		_		
D	Weather shade, chhajja, comices, and moulding				1		1		
	1	_						<u> </u>	
	chajja	1	12,500	0.600		7.500			
	window chajja	6	1.500	0.600		5.400			
	kitchen plateform	1	6.000	0.600		3.600			
					Total	16.500	Sqm	294.000	4851.000
	2 1 7 Suspended floors, roofs, access platform,					4			
e	balconies (plain surfaces) and	1		1		1			1
	shelves (cast in situ)								
	First Floor				İ				
-	Slab	1	12.500	6.200		77.500			
	Outer projection	1	12.500	0.300		3.750		_	
	The state of the s	2	6.200	0.300		3.720			
-		2	13.100		0.120	3.144			
		2	6.800		0.120				
		+		1 000					
	stair case (landing)	2	3.750	1.000)	7.500		1	18AL = _

m									
i de		1	1.000	1.000	T	1.000	T	1	
-		4	3.750	1	0.120	0.000			
\neg		4	1 000	1	0.120	0.000	1		
_	we slab	4	2 500	1	0.120	1 200	1		
_	WC 3140	2	1 900	1.300	-	2.600	1		
\dashv		2	1.900	1.500	0.120	0.456	1		
\dashv		2	1 300	1	0.120	0.312			
-	moomty	1	4 400	2.500	1	11 000			
-		2	4 400	1	0.120	1 056			
-		2	2 500	1	0.120	0.600			
_		+-	-		Total	117.970	sqm	235.000	27722.950
	Providing and laying nominal mix	1	<u> </u>	1					
	reinforcement cement concrete with crushed				1	1	1		
2	stone aggregate using concrete mixer in all				1			}	
-	works upto floor five level excluding cost of				i		1		
	reinforcement and form work.					1			
					1				
	1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded	+		+	1				
a	stone aggregate 20mm nominal size).								
	- Borgard 20mm nominar size).		l						
	First Floor	+		1					
	Hall	+	1	1					
	Column C1 upto parfaet level (3.3+0.9=4.2)	13	0.300	0.400	3.600	5.616			
	Column C1 upto partact level (3.3.0.5 4.2)								
		12	0.300	0 300	3 600	0.648			
	first floor linth beam (200x300)	1	65.800	0 200	0.300	3.948			
	d/d opening for door /gallery	-1	6.200	0 200	0 300	-0.372			
	and opening for door regarding	1	2.100	0 200	0.300	0.126			
	Lintel level beam (200x250)	1	65.800	0 200	0.250	3.290			
	Lintel level Beam (200x230)	1	2.100	0.200	0.250	0.105			
	(200,400)	1	65.800	0.200	0.400	5.264			
	slab wall Beam (200x400)	1	2.100	0.200	0.300	0.126			
		1	12.500	0.600	0.120	0.900			
	weather shed chajja	6	1.500	0.600	0.120	0.648			
	window chajja	1	6.000	1.000	0.120	0.720			
	kitchen plateform	1	13.100		0.120	10.690			
	slab	2	2.000	1.400	0.120	0.672			
	we slab	4	0.400		2.400	1.152			
	mumty column	2	2.500	0.200	0.300	0.300			
	mumty beam	2	4.000	0.200	0.300	0.480			
	mumty beam	1	4.400	2.500	0.120	1.320			
	mumty slab	2	3.750	1.000	0.120	0.900			
	stair	1	2.500	1.000	0.120	0.300			
			1.000	1.000	0.120	0.120			
		1	1.000	12.000	Total	36.953	Cum	4163.000	153833.67
	Providing and placing in position	1						n = _N	
	reinforcement for R.C.C. work including	j= 1	1		1				
vc.	straightening, cutting, bending, binding etc.				1				1000
4	complete as per drawings including cost of		1981		1		1		
	binding wire all complete:	1	-1244	ı	1	1	1	1	

	Thermo-Mechanically treated bars	100	kg/cum		1	0.00.00			
1		100	kg/cnm			3695.26			
					Total	3695.26	Kg	54.5	201391.67
	Brick work with modular fly-ash lime bricks	_	_						
	Collimning to IC 12004 2000								
	Cement Mortar 1.5(1 cement : 5 coarse sand)								
T	Extra for brick work in superstructure above								
١					·				
	addition to rate for foundation and plinth:					1			
	pintus	-							
_	Ala C	1	65.800	0.200	3.600	47.376			
_	d/d for door / gallery	-1	6.200	0.200	2 100	-2.604			
_	D/d window	-6	1.500	0.200	1.200	-2.160			
_	ventilation d/d	-6	1.500		0.450	-0.810			
_	we	-	1.800		2.400	1.728			
_		2	1.200	0.200	2.400	1.152			
	d/d wc door	-	0.800	0.200	2.100	0.672	-		
_	for parafet wall	2	13.100	0.200	0.750	3.930			
		2	6.800	0.200	0.900	2.448	-		
_	mumty	2	1.900	0.200	2.100	1,596	+		
		2	4.000	0.200	2.100	3.360 56.688	Cum	3471.000	196764.048
_		-		 	Total	30.000	Cum	3471.000	130,04.04
6	6mm thick cement plaster of mix:	1	13,100	-	6.800	89.080	+-		
	In Cement Mortar 1:4 (1 cement : 4 fine sand)	1	13,100		0.800	83,000	ľ		
_		2	2.000	-	1.400	5.600			
		1	4.400		2.500	11.000	1		
_	mumty	 	14,400		Total	105.680	Sqm	87.000	9194.160
7	12mm thick cement plaster of mix								
_	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		1	65.800		3.600	473.760	+		-
		2	6.200	-	2,100	-13.020	+	 	+
	d/d for door / gallery	-6	1.500	+	1.200	-10.800	+-	1	-
	D/d window	-6	1.500	+	0.450	-4.050	+	1	
	ventilation d/d	2	1.800	-	2.400	8.640	-		+
	wc	2	1.200	+	2.400	5.760			
		2	0.800	+	2.100	3.360		+	
	d/d wc door	-2	12.500	1	3.600	-90.000			
	d/d for outer wall	-2	6,200	-	3.600	-44.640	_		
		2	2.500	- 	2.400	12.000		 	-
	mumty	2	4.000	-	2.400	19,200		1	
		+	7,000	-	Total	329,010	Sqm	96.500	31749.465
_	15mm thick cement plaster on the rough side	\top	1						
8	of single or half brick wall of mix:								
_	In Cement Mortar 1:6 (1 cement : 6 fine sand)		13	4 :					The state of
			7						1 18
	d/d for outer wall	2	12.500		3.600	90.000			

		2	6.200		3,600	44,640			
1	for parafet wall	_	13,100		0.750	19.650			
0		_	6.800		0.900	12.240			
I	numty		4.400		2.400	21,120			
4		2	2.500		2.400	12.000			22560.450
\dashv					Total	199.650	Sqm	113.000	22560.450
l ₁	Providing and laying vitrified floor tiles with								
- 19	double charge/ multi charge					1	1		
	printing with water absorption less than 0.5%						1		
- 1	and conforming to IS								-
	15622 of approved make in all colours and								
9	shades and size mentioned below (+/- 10mm),					l			
	laid on 20mm thick cement mortar 1 4 (1				ı				
	cement 4 coarse sand) including grouting the			į.		, .			1
	joints with white cement and	,							
	matching pigments etc. complete. Size 600x600mm								
						39.600	-		
	room+ kitchen	3	3.000	4.400		21.780			
	gallery	1	1.800	12,100	1.200	-4.320			
	d/d wc area	-2	1.800					-	
	skirting	6	3.000		0.150	2.700			
		6	4.400		0.150	3.960 0.540	+		
		2	1.800		0.150 0.150	3.630	-		
		2	12.100		0.150	3,030			
		\vdash		-	Total	67.890	sqm	1151.000	78141.390
	11) and God committeed	 		 					
	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above	1				g'			
	conforming to IS ± 15622 of approved make,								
	colour, shade laid on 20 mm thick Cement		1		113			-	2
	Mortar 1:4 (1 cement : 4 coarse sand)			1	100				1
	including pointing the joints with white cement	1			'		1		
	mixed with matching pigment etc.,		1			ii.			
	complete.Size 300x300mm			<u> </u>		1			
	Toilet	2	1.800	1.200		4.320	sqm	858.000	3706,560
_	101101		1				_		
	Providing and fixing ceramic glazed wall tiles	1							
	conforming to IS: 156220f approved make,	1	1						
	colours, shades and size on wall and dados	1					2		
	over 12mm thick bed of cement Mortar 1:3 (1							· V	ł
	cement: 3 coarse sand) and jointing with grey			1			1	1fa	1
1	cement slurry @ 3.3kg per sqm including								
١	pointing in white coment mixed with matching						i	1	
	pigment complete. Size upto 200x300mm		1		1			*	
	Toilet	2	6.000		2.100	25.200			- F-52
T	d/d for door	-2	0.800	41	2.100	-3.360			117
-		I		41	Total	21.840	sqm	587.000	12820.080

<u> </u>	The ship follows	-		on some an annual discillation	and the second second second	omagini sani iyo qiraqoo qirisa asalisaa ah kaasiisa	the line of a trip supporting	na province and a second	a grander and the same and the
	15 mm thick Table rubbed polished Granite								
7	stone slab flooring laid over20mm (Average)			1					
	thick base of cement mortar 1:4 (1 cement 4			1		1	l		
	coarse sand) laid and Jointed with grey cement	1			ĺ		l		
	slurry including rubbing and polishing etc.				1				
	complete. (Area of slab should be 0.50 sqm and above)				1				
	,						_		
	Granite stone black					8 280	-		
	staircase	2	THE RESERVE AND ADDRESS OF THE PERSON.	0.300	PARTY OF THE PROPERTY OF THE PARTY .140				
		2	MANAGEMENT AND ADDRESS OF THE PARTY OF THE P	0.150		2.100			
		1	2 100	1.000		1 000			
		1	1,000	1.000	Total	15,520	sqm	2646.000	41065.920
	Day (V. a. 1.1.1.5 C.)	- -		_	10				
	Providing wood work in frames of doors,	1							
11	windows, elerestory windows and other frames	1							
	wrought framed and fixed in position.								
	Sal, bijasal, benteak, khair, haldu	+	-						-
	Door (D2) f.f.+mumty	5	5 200	0.150	0.080	0.312	-	61051 000	19047.912
	Door (D2) terestiminity	+			Total	0,312	cum	01031.000	
	Providing and fixing flush door shutters,	1			1				
	conforming to IS 2202 (Part-I),				1				
	decorative type core of block board			1	1				
	construction with frame of first class								
12	hard wood and well matched teak ply								
	becausing with vertical grains or		1						
	cross bands and face veneers on both faces of		1						
	shutters excluding hinges.						\vdash		
_	25 mm. thick (double leaf for cupboard								
	shutters with piano type hinges	<u> </u>	1 000		2.100	4.200			
ᅱ	•	2	1.000		Total	4.200	sqm	1669.000	7009.800
7	1.6	_	1	í					
	Providing and fixing aluminium work for								
- 1	t wildows ventilators and partitions			-					
			á		5 W		l		
	the territory with minimum 1.511111								
- 1.	1 * 1 mas) conforming to 15: /33, 13: 1200						1		
- 1	I minim cleate neonrene weather stripping								
- 1	Land Landled edge heading, Sciews duly								
10	and in wall/ floor with fixing clips of hold								
l c	estaners or holis and nuls as required								
1	luminium sections shall be anouized								
14-	answerent or dyed to approved shade							1	
	anding to 19, 1868, minimum another		# facility	,					ī
100	enting shall be of grade AC-15. (Glazing to		+ _ =	1					The second
be	e paid for separately:For fixed portion		, A., II			1			
1				A.					
			.200		1.500	10.800	I .		
╀	6	_ 13	,200		0.450	1.620			

No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa									
-				T	T	12.420	sgn		
	Providing and Cut-	15kg/	xmp			186.30		331	61665.3
13	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							67.500	12575.250
	Community of the	15 kg/	sgm	T	T	186.300	kg	67.500	12575.250
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.	V 7	7						
		1.00	1.800	1.200	25.000	54.000			
	Door with frame	2	Ī		25.000	50.000		•	
	Double Leaf Door with frame (1.2x2-1)	2			120.00	240.000			
					Total	344.000	kg	75.000	25800.000
14	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			S relation in the man					
	as per size					12.420	sqn	611.000	7588.620
15	Providing and applying 2mm thick ready mix exterior grade approved								
	Qty. as per 15+12+6mm plaster					634.340			
		_	_		Total	634.340	sqn	94.500	59945.130
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:	- 							

1,000	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 sqc.								
		1			N				
15	QTY as per 15mm thick plaster	_							
						199.650	 		
	Providing and fixing 30mm thick factory	_			Total	199.650	sqm	74.500	14873.925
	Coursisting of frame made and com		-				l		
- 1	I AS KOURP Thickness and								_
	19mm x 19mm for stules and	1							
	15x15mm for top & bottom rails, M.S.								
	frame shall have a coat of steel primers of								
	approved make and			1					
	manufacture, M.S. frame covered with			-		1			
	5mm thick heat moulded PVC 'C'			_					
	channel of size 30mm thickness, 70mm		1						
	width out of which 50mm shall be					ľ			
37	flat and 20mm shall be tapered in		-						
	45degree angle on either side forming								
1	styles; and 5mm thick, 95mm wide PVC			- 1					
	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			1					
	sides to form lock rail. Top, bottom		ļ	1					
	and lock rails shall be provided either side	1					1		
	of the panel. 10mm (5mm x 2)						Ì		
	thick, 20mm wide cross PVC sheet be								
		2	0.900		2.100	3.780			
		_			TOTAL	3.780	sqm	2318.000	8762.040
	Wall painting with acrylic luxury emulsion								
17	(plastic) paint of required shade to give an even shade 14.11.1 On new work					11			
	(Iwo or more coats				"	Teta			
	qty as per 6mm+12mm thick plaster				-	440.000			
	14.22 Painting on new work (two or more	_		-		418.090	Sqm	52.500	21949.725
20	coats) to give an even shade with:						===(
	14.22.1 Satin synthetic enamel paint	4x2	1.500	 	1.200	14.400	cam	EE 000	700
21	14.20 Applying priming coat on wood work	_	4.200	1.500		6.300	sqm Sqm	55.000	792.000
41	with ready mixed primer.				1	3.300	Jadiu	23.500	148.050

	14 25 Providing and loving							
22	14.25 Providing and laying French sprit polish on new wood work after preparing the surface by rubbing down smooth with sand papers, covering the knots,	Sq	6.300		6.300	Sqm	143.000	900.900
	of 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.							
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.				12.000	each	72.500	870.000
24	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete:				4.000	each	475.000	1900.000
25	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete: 200x10 mm		2000		3.000	each	231.000	693 000
26	Providing and fixing bright finished brass door handles with brass polished MS screws complete: 125 mm				8.000	each	55,500	444.000
27	Providing and fixing antique/ SS finished brass butt hinges with antique/ SS polished MS screw complete: 125x85x5.50mm (Heavy Type)				4.000	each	256.000	1024.000
28	Providing and fixing Anitque/S.S. finished brass door latch with necessary Antique/S.S.				4,000	each	424,000	1696.000
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.				4.000	each	77.000	308.000
30	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.				7.000	each	97.000	679.000
31	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.		WAS TO					

69 57.2 SS Grade 304 (stair)			
kg/sqm	2 3.750 0.750	5.625 sam	
	20kg/sqm	112.600 kg	467.000 52584.200

Sub Engineer Municipal Corporation Korba (C.G.)

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

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

of Work :- Sanitation Work of Samudaylk Bhawan at Ward No. 49 agrkhar

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

Sno.	water su	pply	and san	itati	on wo	rk			
	Providing fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes having 3.2mm wall thikness, leaving 10mm gap for thermal expansion etc complete	N	L	В	H/D	Qty	Unit	Rate	Amount
	76.2 110mm dia pipe	1	30.00		-	30.00	metre	267.00	8010.00
2	Providing fixing on wall face UV stabilicised Unplasticised-PVC moulded fitting / accessories having 3.2mm wall thickness for rigid PVC pipes leaving 10mm gap for thermal expansion	1	30.00			30.00	metre	207.00	
	77.1 Tee/Tee with door / Bend 45/Bend 90 77.1.3 110mm	10				10.00	Each	154.00	1540.00
	77.5 \"P\" trap 110mm X750mm long	10				10.00	Each	90.50	905.00
3	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.,								0 2005 00
	7.1 15mm dia nominal bore	1	25.00			25.0	0 met	re 133.0	0 3325.00
	7.2 20mm dia nominal bore	1	10.00		1	10.0	0 met	re 213.0	0 2130.00

1									
	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. EXTERNAL WORK								
	19.6.3 25 mm nominal outer dia pipes	1	30.00			30.00	metre	165.00	4950.00
5	Providing and fixing 15mm nominal bore brass bib/ stop cock of approved quality								
	13.3 Stop cock (350grams)	10				4.00	Each	237.00	948.00
6	19.42 Providing and placing on terrace polythene water storage tank and the base support for tank	1				1000.00	litre	7.30	7300.00
	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand east Iron P or S trap, 10 litre low level P.V.C. flushing eistern (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:								
	18.1.1 White Long pattern W.C. pan of size 580 mm	2				2.00	each	2459.00	4918.00
	19.17 Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete		n.	-					
10	19,17.3 25 mm nominal bore	3		+		3.00	Each	432.00	432.00
1	Providing and laying and jointing glazed stoneware pipes grade 'A'with stiff mixtures of cement mortar in propotion 1:1 including esting of joint etc complete			The state of the s	- NA				
	.2 150mm diameter	l	15,00			15.00	metre	262.00	3930.00
4 ii s	Providing and laying cement concrete 1:5:10, 10mm nominal size all- round S.W. pipes neluding bed concrete 150mm thick as per tandard design								
2	.2 150mm dia. S.W. pipes		15.00			15.00	metre	436.00	6540.00

2									
1	20.3 Providing and Fixing Square - mouth	T WILLIAM STREET	The management of the same		TO A STATE OF THE	-	T TO THE REST OF THE PARTY.		7
1	I DOWN THUM A ASSESSMENT TO	l	1	l	1				
				ł	l .	1			
	3.1.100x100mm size p type								
15	Providing and Outs 20	4				4,00	Each	1339.00	5356 00
	Providing and fixing 30mm thick factory made panel PVC door shutter		1 Company	2 - 4 December 1997 State 1997 St	S CONTRACTOR OF STREET	B. Francisco de de Sentir de			
1	D The Colon Shinge	1			1	1	1		
	consisting of frame made out of M.S. tubes of				1	1		i	
1	1 - back uncklick non				1		1	}	
	size of 19mm x 19mm for styles and 15x15mm	1		1			1		
	1 to p to contoin rails. M S				l		1		
	frame shall have a coat of steel primers of		1		1		1	1	
1	approved make and		1		ł				
1	manufacture. M S. frame covered with 5mm			1			1		
	unick heat moulded PVC'C'			1				ì	
1	channel of size 30mm thickness, 70mm width						1		
	out of which 50mm shall be			l			1	l	
	flat and 20mm shall be tapered in 45degree				1	-	1		
Ì	angle on either side forming							1	
	styles, and 5mm thick, 95mm wide PVC sheet						1		
	out of which 75mm shall be		1						
	flat and 20mm shall be tapered in 45 degree on		1						
	the inner side to form top								
	and bottom rail and 115mm wide PVC sheet						1		
1	out of which 75mm shall be		ł	l	İ	1	}		
ı	flat and 20mm shall be tapered on both sides to	Ì	1			1			
1	form lock rail. Top, bottom								}
	and lock rails shall be provided either side of								
	the panel. 10mm (5mm x 2)	l			1		1		
1	thick, 20mm wide cross PVC sheet be			l					
1	provided as gap insert for top rail &		1		1		1		
	bottom rail. paneling of 5mm thick both side	l					1	į	
I	PVC sheet to be fitted in the		l					į	
1	M.S. Game wolded acoled to the stules formile		1						1
	8.152.1 PVC door shutter	2	0.80		2.10	3.36	sqm	2318.00	7788.48
16	19.48 Constructing masonry Chamber	1				1.00	each	4644.00	4644.00
"	60x60x75 cm, inside with modular well					1	Cacii	טטיידטיי	1044.00
	burnt clay bricks of 35 kg/ cm² in cement								
	mortar 1:4 (1 cement : 4 coarse		1				1		
				1			1		1
1	sand) for sluice valve, with C.I. surface box			l	İ				1
1	100mm. top diameter, 160		l						1
	mm bottom diameter and 180 mm deep				1	1	J. Gari		
	(inside) with chained lid and RCC				1	1		8 0	1
	top slab 1:2:4 mix (1 cement : 2 coarse sand : 4				1			2 1.6	
	graded stone aggregate					1			
			1			1			201
						1			1240

	18-17 Providing and fixing vitreous china wash basin with C.1 brackets, 32	1	The state of the s	No. No. of Concession, Name of Street, or other parts of the Concession, Name of Street, or othe	**************************************	3,00	ech	1430.00	4290.00
	mm CP brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required			-			7		-
	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	de la recumenta de la companya de la	100	geller year					
19	19.14.8 Basin mixer pillar tap with spout (1000 grams)	3		=		3.00	each	1248.00	3744.00
20	19.14.16 Towel rail (600mm long x 20mm dia)	3				3,00	each	338.00	1014.00
\dashv		Tot	al	I	1		-1		71764.

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

Municipal Corporation

Korba (C.G.)

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

ame of Work :- Internal Electrification Work of Samudayik Bhawan at Ward No. 49 agrkhar

As per Sor :- Schedule of Rates Public Works De

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 G1 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 Point Point 659 00 16 11682.00 1.10.2 Medium Point Point Point 922.00 10 9220 00 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 19 1653.00 5.1.12 Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification. Fan regulator Electronic, step type moving all round 6 FANS, LUMINARIES AND LAMPS 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,			Works Department []	PWD FLECT	TRICAL 014	06-20201	
MIRING IN CONCEALED PVC conduit	S.No.	Ref no	ELECTRIC WORK		THOAL 014	00-2020	
1 10 Wiring for light plup 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 G1 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 Point Point 559 00 18 11862.00 1.10.2 Medium Point Point Point 922.00 10 9220.00 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 19 1653.00 5.1.12 Supplying and fixing following plano type switch, socket, other accessories on the switch socket, other accessories on the switch box/ cover including connections etc. as per specification. 5.1.12 Fan regulator Electronic, step type moving 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,		1161. 110	tom of lat				
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 G1 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 Point Point 659 00 18 11862 00 Point 922.00 10 9220.00 1.10.2 Medium Point Point Point 992.00 10 9220.00 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 19 1653.00 5.1.12 Supplying and fixing following plano 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 commissioning of following sizes celling 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,	1	1 10	TWINING IN CONCEALER THE	Unit	Rate	Qty	Amount
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I I A A A 147071 MARKA AND AND I MORE				F	4607.00		
0,10		6.1,3	1200 mm sweep	Each	1697.00	15	25455.00
Supplying and fixing of wall cabin fan							
including connection etc. as per 8 6.5 specification R.F. should be greater than 0.9	Ω	65	including connection etc. as per			ja Ja	
8 6.5 specification. P.F. should be greater than 0.9	6	0.0	specification, P.F. should be greater than 0.9		! !		

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7	6.5.1	300 mm sweep	Each	1387.00	4	5548.00
9	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 twatt.				_
	6.17.5	12 Watt	Each	215.00	5	1075.00
10	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	10	4430.00
	7	MAIN METAL BOARD, BBC, IC				
11	7.10	Providing and fixing metal clad, TP&N switch fuse unit (re-wirable), 415/500 volts, with porcelain re-wireble 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				
12	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.	4 ₁₂ '			
	9,10,1	6 amps to 32 amps	Each	151.00	4	604.00
13	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.				674.00
	- 10.0	63 amps	Each	337.00	2	674.00
	9.19.3	EARTHING		1		

Wild.	the of the same of the same of the same of					•
14	12.1	Larthing with G.L. 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)	Sot	3243.00		3243 00
15	12.18	Providing and fixing 6 SWG dia GT wire on aurface or in recess for loop earthing along with existing surface/ concealed conduit/ aubmain wiring/ cable as per specification.	Motro	40.00	30	1200.00
16	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				
14	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).	Metre	93.00	20	1860.00
	15,11.3	2 x 10 sq. mm. on 8 SWG GI bearer wire	Metre	30.00	60	1800,00
					TOTAL	81428.00

Sub Engineer

Municipal Corporation

Korba(C.G.)

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