कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

सिस्टम टेंडर नं. 161301

कोरवा दिनांक 18.11.2024

ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरवा 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:-

फिजिकल सबिमशन लिफाफा प्राप्त होने की अंतिम तिथि निविदा खलने की अंतिम निश्च

11.12.2024 सायंकाल से 3.00 वजे तक

क.	जारान गुरा कारान ।साथ		11.1:	2.2024 साय	काल 4.00 बर्ज से		
Ψ.	कार्य का नाम	प्राक्कलन	धरोहर राशि	कार्यावधि	निविदा	ठेकेदार	निविदा
		राशि	(FDR/TDR)		प्रतिभागी शुल्क	का वर्ग	खुलने की
1	तार्ट क है। सम्बद्ध	(लाख में)			(डिमांड ड्राफ्ट)		तिथि
	वार्ड क. 51 सरदार वल्लभ भाई पटेल नगर	25.00	19000/-	03 माह	750/-	वर्ग डी	11.12.2024
-	सामुदायिक भवन में उपरी तल में हाल व कक्ष निर्माण विस्तार कार्य (खनिज न्यास मद)	ii.				एवं प्रवर	से
श	र्त:-(श्रेणी	

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 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 (साड़ा) के हित के विरूद्ध 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 डीड़) 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 डिमाण्ड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्केन 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/रिजस्टर्ड 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 शपथपुत्र (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 परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी। सुरक्षा राशि एवं परफारमेंस गारंटी राशि वापसी हेतु समयाविध की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयाविध में निर्माण कार्य की भौतिक रिथिति 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 हेतु पात्र होंगे।

निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण 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.

ईट से संबंधित निर्माण कार्यों में पलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट् तथा प्रयुक्त सीमेंट का बिल् 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 समतुल्य परफारमेंस 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।

निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा। 10.

निविदा प्रपन्न 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 स्वीकृत 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, कोरबा के साकेत भवन रिथत निर्माण शाखा से प्राप्त किये जा सकते है। 14.

ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबटन 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 छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना संभव नहीं होगा।

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

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

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

प्रतिलिपि-

5.

प्रोग्रामर, संचालनालय, नगरीय प्रशासिन एवं विकास विभाग, रायुपर को uad.cg.gov.in में अपलोड करने हेतू प्रेषित।

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Star	t	Expi	ry	Remarks
	Release Tender		Date	Time	Date	Time	
	release Lender		18.11.2024	15.00	18.11.2024	15.00	Release Tender
		Bid Submission	18.11.2024	15.00	40.40.000		
		Dh	10.11.2024	13.00	10.12.2024	17.30	
		Physical Document Submmission	18.11.2024	15.00	11.12.2024	15.00	
Ī	Cender Open		11.12.2024	16.00			

a

EXECUTIVE ENGINEER
KORBA (CG)
For, Commissioner 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 Bhal Patel Nagar Samudayik Bhawan ward 51

As per Sor - Schedule of Rates Public Works Dopartment I PWD BUILDING 01-01-20151

nia erren.		(Ground	lfloo					
no.	ITEM DESCRIPTION	N	L	D	H/D	Qty	Unit	Rate	Amount
	Surface dressing of the ground including					1			
	removing vegetation and making up					1			1
	undulations and in-equalities not exceeding 15					l			1
1	cms in depth/ height including disposal of					1			*
	rubbish upto 1.5 m lift and lead upto 50m (nt								1
	least 5m away from the dressed area).						1	1	İ
		1	12 00	6.7		80.40			
					Total	80.40	Sqm	18	1447 2
	Excavation for all types and sizes of		,•			ĺ		1	
	foundations, trenches and drains or for any								f
	other purpose including disposal of excavated						ì	1	
5	stuff upto 1.5 m lift and lead upto 50m (at least							ļ.	
	5m away from the excavated area), including								i
	dressing and leveling of pits.								
	In all types of soil								
	footing								
	G F	G	1 80	2.00	15	32 40			
		2	1 80	2 00	15	10 80			
	Ground Cutting below plinth beam	2	2 30	0 30	0 50	0.69			
		2	4 10	0 30	0 50	1 23			
		3	11 70	0 30	0.50	5.27			
	for plinth protection	1	37 40	0.75	0 20	5 61			
					Total	56.00	cum	185	10359.075
	Providing and filling in plinth with sand/								
	Crusher dust and hard moorum under floor in							1	
3	layers not exceeding 20cm in depth								
•	consolidating each deposited layer by ramming								
	and watering, including dressing etc. complete.								
_									
_	GF footing	6	1.80	2	0.1	2.16			
-	halan stath hann	2	1 80	2	01	0.72			
-	below plinth beam	2	2.30	0.30	0.1	0.14			
-		2	4.10	0 30	0.1	0.25			
-	Constant, and all	3	11 70	0.30	0.1	1.05			
-	for plinth protection	1	37.40	0 75	0.1	2 81			
\vdash	Hall	1	6 40	11 70	0 10	7.49			
\vdash					Total	14 61	cum	371	5420.31
-	Eilling Com quallable			ļ					
	Filling from available excavated stuff	1							
	(Excluding rock) in trenches, plinth, sides of							Į.	l
4	foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by	1	1						
	in deput consolidating each deposited layer by		I 2		Same		intelligible to	45-314	wet in the national states
	ramming and watering with a lead upto 50 M		14		1	197	1 187 a to	Self-	

no.	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	70% of total exacavated material	1	56.00	0.70		39 20			
				Total		39 20	cum	65.00	2548
	Providing and laying nominal mix ecment								
	concrete with crushed stone aggregate using								
S	concrete mixer in foundation, plinth and at						1		
	ground level excluding cost of form work.						1		
	1.3.6 (1 cement 3 coarse sand 6 graded stone								
	aggregate 40mm nominal size)						ļ		ļ
	GF footing	G	1.80	2	01	2 16			
		2	1.80	2	0.1	0.72	ļ		
	below plinth beam	2	2 30	0 30	0.1	0.14	<u> </u>	-	
		2	4 10	0.30	01	0.25			
		3	11 70	0.30	0.1	1.05			
	for plinth protection	1	37.40	0.75	0.1	2.81	<u> </u>		
	Hall	1	6.40	11.70		7 49		2070.00	43391 7
					Total	14.61	cum	2970.00	43331.7
	Providing and fixing formwork including				ľ	1			
6	centering, shuttering, strutting, staging,						1		
O	propping bracing etc complete and including		I						i e
	its removal at all levels, for		<u> </u>						
а	Foundations, footings, base of columns and		1	l			l	1	
_	plinth beam in any shape and size	-	1 85		0.3	6.66			
	Ground Floor (footing)	6x2	1 65		0.3	5.94			
		2x2	1 85		0.3	2 22			
		2×2	1 65		0.3	1 98			
		2.02	103						
		6	3 20		0.35	13.44			
_		2	3.20		0.35	4.48			
_	Plinth level beam (300x300)	2×2	3.90		0.3	4.68			
_	I min lever transition	2×2	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			ri .
			<u> </u>	-	0.95	3.42			
		6x2		0.3	0.95	1.52		-	
		2x2	-	0.4	0.95	1.14	-		
		2x2	-	0.3	Total	72.60	Sqm	139.00	10091.4
		_			10(8)	72.00	34	1.55.00	
	Columns, Pillars, Piers and likes- rectangular						ł	ľ	1
b	or square in shape	_							
	Ground Floor	643	-	0.4	3 6	17 28		<u> </u>	
	Column (c-1)(PL to SL)	6x2	-	0.3	3.6	12 96	1	†	
		2x2	 	0.4	3.6	5.76	 	†	
		2x2	-	0.3	3.6	4 32		1	
		444	1-	1	Total	123.56	Sqm	297	36697.32
					10(0)	123.30	124	1-7.	
c	Beams, lintels, cantilevers & walls	- 10			 		-	-	7.2% 47 E In-18
	Ground Floor					1. 22	-		
	Lintel level beam (200x250)	2x2	3 90		0.25	3.90			
_		2x2	2.00	S-250	0.25	2.00	一,	1 - 4 - 1	
_		1x2	11.20	FORE	0.25	11.20	ASSOCIATION AND ADDRESS OF THE PARTY OF THE	Articles .	

no.	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rato	Amount
_	slab wall Beam (200x300)	2×2	3 90		03	4 68	THE PERSONNEL PROPERTY.	and Stephen and Bellings at the Co.	Carried Control of the Control of th
		2x2	2 00		03	2.40		a traff de comme a retirant species transporte les	A THE STREET COMMERCIAL PROPERTY AND ADDRESS OF THE STREET, THE ST
_	slab T Beam (300x720)	3x2	11 20		0 72	32.26	THE PERSON NAMED IN	- ALMANTINESS AND THE STATE OF	ATTEN PORT SECTION CONTRACT COSTS SPECIFICATION COSTS SPECIFICATIO
_		3x1	11 20		0 3	13.44		NATIONAL PARTIES AND ADDRESS OF THE PARTIES AND	THE RESERVE THE PROPERTY OF THE PARTY OF THE
	cantiliver beam	4	1 00		02	1 20			The state of the s
_		4×2	1 00		0.4	2.40			THE PROPERTY OF A PROPERTY OF THE PROPERTY OF
					Total	344 24	Sqm	202	69535 672
	Weather shade, chhajja, cornices, and moulding								
	Ground Floor door level	1	12 00	0.60		7.20	Sqm	294	21168
	2 1 7 Suspended floors, roofs, access platform,								THE RESERVE OF THE PERSON OF T
	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			
4		1	12 00	0 3		3 60			
_		2	12 30		0 12	2,95			
4		2	7 30		0 12	1 75			
_				Total		92.72	Sqm	235	21790 14
	Providing and laying nominal mix				1				
	reinforcement cement concrete with crushed						1		
	stone aggregate using concrete mixer in all						1		
	works upto floor five level excluding cost of						1		
	reinforcement and form work.						1		
7									
	1 11/2 3 (1 cement 11/2 coarse sand 3 graded								
	stone aggregate 20mm nominal size)								
	Ground Floor					 			
\rightarrow	Hall						 	-	
-	Footing	6	1.85	1.65	0.35	6.41		<u> </u>	
7		2	1.85	1.65	0.35	2.14	 	-	
7	step	6	0.90	0.9	0.35	1.70	1	-	
1		2	1.85	1.65	0.35	2 14	-	-	
7	Column (C1) upto Plinth level	6	0.30	0.4	0.95	0.68	-	-	
Ť		2	0.30	0.4	0.95	0.23	-		
٦,	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	-		
Ť	- (1 D (0 D)	2	0.30	0.4	3.6	0.86	-		
1	Plinth level beam (300x300)	2	3.90	0.3	0.3	0.70			
Ť		2	2.00	0.3					
+		3	11,20		0.3	0.36			
1,		2		0.3	0.3	3.02			
ť			3.90	0.2	0.25	0.39		- War	A STAN ENGINE
╁		2	2.00	02	0.25	0.20	4 7	V 12 -	
+		1	11.20	0.2	0.25	0.56	4		x x x x x x x x x x x x x x x x x x
13		2	3 90	0.2	0.3	0.47			
+		2	2.00	0.2	0.3	0.24			
10		3	11 20	0.72	0.3	7.26	<u> 1</u> 1.		
-	antiliver beam for balconies	4	1.00	0.2	0.4	0.32	1	7 - 7-	1 - 12 V II -
C			43.00	0.60	0.10	0.72		-	-
C:		1	12.00	10.00	10.11				
C	eather shed chajja	_	12.00 7.30		-		-		
c: W	eather shed chaya ab of hall	1 1	7 30 12 60	12.6	0.10	11 04 1 51			

Sno	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rato	Amount
	Providing and placing in position								
	reinforcement for R C C work including		1						
	straightening, cutting, bending, binding etc. complete as per drawings including cost of				1		Ì		
	binding wire all complete	1							
- 8									
	Thermo-Mechanically treated bars		120 kg/cu	im		5252 63			
					Total	5252 63	Kg	54.5	286268.553
	Brick work with modular fly-ash lime bricks	1				1	1	ł	_
9	(FALG Bricks) confirming to 18:12894-2002 of class designation 40 in foundation and		l	1					
	plinth in:	1					ł		
	Cement Mortar 1.5(1 cement 5 coarse sand)					-	├	-	
	Centent wiottai 1.3(1 centent 3 coarse sand)								
	below plinth beam	2	2 00	0 30	0 60	0 72	1		
	Colon planti ocuiti	2	3 80	0 30	0 60	1.37	1	1	
		3	11.60	0 30	0 60	6 26			
		-	12.00	10.00	Total	8 35	Cum	3350	27979.2
	Brick work with modular fly-ash lime bricks								
	(FALG Bricks) confirming to 1S 12894-2002					1	1		
	of class designation 40 in foundation and			1					
10	plinth in Extra for brick work in								
	superstructure above plinth level for every				1	1	1		
	floor or part thereof in addition to rate for								
	foundation and plinth.	1					1		
	Cement Mortar 1:5(1 cement : 5 coarse sand)	1		1					
				1			1		
	Extra for brick work in superstructure above								
	plinth level for every floor or part thereof in			1					
	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			
				<u> </u>	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
			12.00		7.00	00.2	Sqiii	87	7073
	12mm thick cement plaster of mix.								
	In Cement Mortar 1:6 (1 cement 6 fine sand)			ŀ					
				<u> </u>					
_		2	2.00	ļ	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
	15mm thick cement plaster on the rough side		1874						
	of single or half brick wall of mix:				-			122 20.	
	In Cement Mortar 1.6 (1 cement · 6 fine sand)								
-									
-		2	2.00		4,2	16,80	v.		
-		2	3.80		4.2	31.92	2		
-		1	11 60	1 6	4.2	48.72	E	1 -	
- 1				The s	Total	97.44	Sqm	113	11010.72
					1,0,10,	27,77	124111	1772	177070"\5

X.					_				
15NO.	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rato	Amount
۳	Providing and laying damp proof course (upto		1	1	1				
	50mm thick) with plain cement concrete 1:2 4								
	(1 cement 2 coarse sand 4 graded crushed		1						
	stone aggregate 20mm nominal size) including							:	
14	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
	Providing and laying vitrified floor tiles with							ì	1
	double charge/ multi charge			1			1	1	1
	printing with water absorption less than 0.5%						1		
	and conforming to IS								
	15622 of approved make in all colours and								
	shades and size mentioned below (+/- 10mm),							1	
	laid on 20mm thick cement mortar 1 4 (1					İ		1	
	cement 4 coarse sand) including grouting the	1				1	1		
	joints with white cement and				1				
15	matching pigments etc complete		ĺ		1				
	Size 600x600mm	1	11 60	63		73.08			
		1	11 60		0.15	1.74			
		2	6.30		0.15	1.89			
						76.71	sqm	1151	88293.21
	Providing wood work in frames of doors,	1							
	windows, clerestory windows and other frames								
	wrought framed and fixed in position	l						1	
		ļ	11				ŀ		
16									
	Sal, bijasal, benteak, khair, haldu								
	Door (D1)	1	8.40	0.15	0.08	0.10	cum	61051	6153.941
_	Deviding and Guing Quah door shutters	-	_				_		
	Providing and fixing flush door shutters,								
	conforming to IS: 2202 (Part-I),			1			1		
	decorative type core of block board				l l				
	construction with frame of first class		1					1	
*'	hard wood and well matched teak ply	lo lo	1						
١	vencering with vertical grains or						1		
	cross bands and face veneers on both faces of		1		1			- 1	
	shutters excluding hinges.						1		
	25 mm. thick (double leaf for cupboard	1							
	shutters with piano type hinges	1	1 80		2.10	3.78	sqm	1669	6308.82
	onacces with piano type imiges			á ,				12003	0300.02

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8	IVCAL DEC								
Sno	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rato	Amount
	Providing and fixing aluminium work for								
	doors, windows, ventilators and partitions	1							
	made out of extruded aluminium standard			ì					
	sections (main section with minimum 1.5mm								
	thickness) conforming to IS 733, IS 1285								
	mitred and jointed mechanically including								-
	aluminium cleats, neoprene weather stripping						_		
1	gasket beveled edge beading, screws duly fixed								
18	in wall/ floor with fixing clips or hold				,				1
	fasteners or bolts and nuts as required							1	1
ľ	aluminium sections shall be anodized					1	1		Ì
1	transparent or dyed to approved shade								
1	according to IS 1868, minimum anodic				1	1			
	coating shall be of grade AC-15 (Glazing to				ł		1		
	be paid for separately For fixed portion				1				
	•			1					•
	window	6	1 50		12	10.80		L	
	ventilation	6	0.60		0.45	1.62			
						12.42	sqm		50440.05
			13kg	/sqm		161,46	kg	331	53443,26
	Providing and fixing M S. grill of approved							\	
1	pattern made of M S. flats or								
	square or round bars welded to steel frame of								
1	windows etc. including		12.42	20 6	g/sqm	248.40	ļ		
1	applying a priming coat welded to frame with		12.42	20.0	g/ 3q m	240.40			
	all necessary fitting complete						-		
1	including applying a priming of red oxide zinc							1	
19	chromate primer								
	window, ventilation Grill					248.40	kg	67.5	16767
								<u> </u>	1
	Providing and fixing glazing in aluminium								
1	door, window, ventilator shutters				Ť				
	and partitions etc. with PVC/ neoprene gasket								
	etc. complete. (Cost of		12.42		Į.	12.42	_		
	aluminium snap beading shall be paid in basic		•		· ve · les			l	
	item). With float glass panes of 4 mm thickness						l		
20									
	window and ventilation grill					12,42	sqm	611	7588.62
	Providing and applying 2mm thick ready mix		°C				-		
1	exterior grade approved					1			1
	make putty (like Birla wall care, Alltek			1				1	
22	Superfine W/R of (NCL), Asian, ICI,						Į.	1	
	Nerolac, J.K. wall putty) on walls to make the						1	1	
	surface smooth and even.								
	Oty, as per 15+12+6mm plaster			THE STATE	den i	269 16			
-			137	7 100	Total	269.16	sqm	94.5	25435.62
	Painting exterior surface with PREMIUM		. 7	187	- 1		4.		
1	ACRYLIC SMOOTH exterior						3	2	
1	paint of required shade as per manufacturer's		和一司		y- 15 -		#) Time .		
23	specifications to give	3.	1 - 1				1		
25	protective and decorative finish including								
	cleaning washing of surface etc.							14.00	
	complete with.	Participation of	TOWNS ESTA	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Marie Andrews		A Street Street	12.	and or all the
	complete was	J. ST.	**************************************			100			

	ITEM DESCRIPTION			-	-				
	14 15 1 On new work (1 wo or more coats	N	L_	В	H/D	Qty	Unit	Rato	Amount
SERVICE SERVIC	applied (a) 1.43 ltr/ 10 sqm over and				1				
	including priming coat of exterior primer				l				
1	applied (a) 2 20 kg/10 sqm				1				
				1					
1	QTY as per 15mm thick plaster					97 44			
1	Wall galuting a la				Total	97 44	sqm	74.50	7259.28
1	Wall painting with nerylic luxury emulsion								
24	(plastic) paint of required shade								
1	to give an even shade 14 11.1 On new work (two or more coats				1				
 	-								
	qty as per 6mm+12 mm thick plaster					171 72			
		1			Total	171 72	sqm	74.50	12793.14
25	14 22 Painting on new work (two or more	_		 	10.01	12.72	34.11	74.55	12/33.14
	coats) to give an even shade with				1			1	
	14 22 1 Satin synthetic enamel paint	Gx2	1 50		1.2	21.60	sqm	55.00	1188
26	14 20 Applying priming coat on wood work					†	Squi	33,00	1100
	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						250		
.,	height.		2500.00		0.8	2000 00	PER	0.70	1400
	14.25 Providing and lander President to 11.						LETER		
	14.25 Providing and laying French sprit polish on new wood work after preparing								
	the surface by rubbing down smooth with sand							ļ.	
- 1	papers, covering the knots,								
8	if visible, applying a coat of wood filler,	Sqm	5 67			5.67	Sqm	143.00	010.01
- 1	cleaning the surface, applying 50		50,			3.07	Sqni	143.00	810.81
	or more coats of French spirit polish till the								
- 1	surface gives high gloss.								
\rightarrow									
29	Providing 40x5mm iron hold fast 40cm long								
- [;	including fixing to frame with 10mm bolts								
1	nuts and wooden plug and embedding in Cement Concrete 1:2-4 in blocks of size							1	435.00
	0x10x15em.							1	.55.00
						6	each	72.50	
0 P	roviding and fixing bright finished brass	1						72.00	
	liding door bolt with nuts and brass polished	- 1	1						477.00
	1S screws complete:					1	each	475.00	475.00
P	roviding and fixing bright finished brass					-	-4611	7/3,00	
to	wer bolts (barrel type) with brass polished			1					
M	S screws complete: 200x10 mm	- 1					gaza •	22.5	231.00
	roviding and fixing bright finished brass					1	each	231.00	
do	oor handles with brass polished MS screws								
co	implete:	1							444
12	5 mm								111.00
Pro	oviding and fixing antique/ SS finished brass					2	each	55.50	
but	tt hinges with antique/ SS polished MS	- 1							
Sen	ew complete 125,05,05 comments	-14							
Ty	ew complete 125x85x5 50mm (Heavy						STATES .	Total and	256.00
				A. P.			00-1	254.00	
l'ro	widing and fixing Anitque/S.S. finished		and the state of	June 980			each	256.00	
Ihms	ss door latch with necessary Antique/S S			2000					
1211				Conc. The Children III		A A			
POI	ished MS screws complete:							Had to	424.00

		ITEM DESCRIPTION	N	L	ß	A/H	Qty	Unit	Rato	Amount
	#J.,	Providing and fixing 150mm Antique/S.S. finished brass floor door stoppers with rubber cushion and antique/S.S. Polished MS acrewa to suit thickness of shutters thickness.								77 00
1							1	each	77.00	
<i> </i> -		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.								970.00
1	- :	stabs, beams during laying including painting					10	each	97.00	
H	7	А почет на Ангентина в Ангентина в Ангентина в почет в	P	art A (GF	ROUND	FLOOP	R) Estim	ate Am	ount Rs.	1006800.78

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

Municipal Gorporation

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 Samudayik Bhawan ward 51First floor
First Floor

Eirst 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] ITEM DESCRIPTION Sno. Unit Rate Amount Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for Columns, Pillars, Piers and likess rectangular or square in shape column (c-1)(300x400) (Level up to prafet) 8x2 0.4 42 26 88 Sx2 0.3 4.2 20.16 column (c-3) (300x300) 8x4 03 4.2 40.32 5qm | 297 25945.92 87.35 Total Beams, lintels, cantilevers & walls First Floor Plinth level beam (200x300) 03 12 36 10 30 4x2 4 50 0.3 5.40 8x2 Lintel level beam (200x250) 4x2 10.30 0 25 10 30 8x2 4.50 0.25 4.50 slab wall Beam (200x300) 12.35 4x2 10.30 0.3 5.40 8x2 4 50 0.3 slab T Beam (300x500) 44 80 4x2 11 20 0.5 0.3 13.44 4x1 11 20 slab T Beam (300x300) 4 90 09 17.64 25492.4 Total 126.20 |Sqm | 202 Weather shade, chhaga, cornices, and moulding 8 4.5 06 21.6 First Floor 5 1.6 0.6 4.8 Total 26.4 Sqm 294 7761.6 2 1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) First Floor 10.90 12 130.80 slab 10.90 2 0.3 6.54 Outer projection 2 10.90 0.12 2.62 12 00 0.12 2.88 Total 142.84 Sam | 235 33566.46 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. 1:11/2 (1 cement : 11/2 coarse sand 3 graded stone aggregate 20mm nominal size). First Floor Hall Column C1 upto parfact level (3.3+0.9=1.2) 0.30 42 4.03

-	ITEM DESCRIPTION	N	L	В	HVD	Qty	Unit	Rate	Amount
_	that flow both have (200 co.)	8	0.30	0.3	4.2	3.02			
	first floor linth - beam (200x300)	4	10.30	0.2	0.3	2.47		1	Ì
_	Lord Hand has Catalana	8	4.50	0.2	0.3	2.16		Ī	
_	1 intel level Jeann (200x250)	14	10.30	0.2	0.25	2.06			
	slab usill Deam (200, 200)	8	4.50	0.2	0.25	1.80		1	<u> </u>
_	slab wall Beam (200x300)	4	10.30	0.2	0.3	2.47	-	!	<u> </u>
_	slab T Beam	S	4.50	0.2	0.3	2.16	-	 	ļ
_	slab T Beam	4	11.20	0.3	0.5	6.72	-	!	!
	weather shed chapa in naner room	4	4.90	0.3	0.3	1.76	┼	 	1
	resider sited enagta in nuner room	14	13	0.6	0 12	0.46	+-	-	
	slab	1-	1.6	11.5	0.12	17.39	+-	+	
		1	12.60	111.5	Total	47.81	Cum	4163	199028.034
	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								4
3							<u> </u>		
	Thermo-Mechanically treated bars		100kg/c	บท		4780.88	1	1000	lacos=3.cs
				-	Total	4750.53	Kg	54.5	250557.56
4	Brick work with modular fly-ash time bricks (FALG Bricks) confirming 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	10.03		!	
		2	2.00	0.20	3.00	4.80		!	
		4	4.10	0.20	3.00	9.84	_		
	ddian	S	4.50	0.20	3.00	21.60	-		
	y-y direction for balconies	1	12.60	0.20	02.0	2.27	-		
	Tor varcomes	2	1.00	0.20	0.90	0.36		<u> </u>	
	for parafet wall	2	12.60	0.20	0.90	4.54			
	To partie wan	2	11.50	0.20	0.90	4.14			<u> </u>
			†		Total	58.82	Cum	3471	204178.104
_								-	1
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
-	12mm thick cement plaster of mix	6	4.20		3.30	83-16	 	-	
J	In Coment Mortre 1.6 (1 coment 6 fine sand)	10	2.00		3.30	66.00			
_		6	4.10	250	3.30	81.18		 	
-		6	4.50	estit. N	3.30	89.10	1	 	
			of series	A Charles	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	E 1 13			10,000			-	
	In Cement Mortar 1:6 (1 cement 6 fine sand)					3. 3. a. a.			
	outer wall	2	10.90		4.2	91.56		 	
\Box	Let a secure gallet gallet gallet	2	12 00		4.2	100 80	-	1	—
			-		144	1200.00			1

110.									
	ITEM DESCRIPTION	1 44	STATE OF THE PARTY	-					
	PARCAREA	- N	L	0	THE RESERVE AND ADDRESS OF THE PARTY NAMED IN		Unit	Rate	Amount
		****	12 60	nin westgargen,	09	22.68			
	Parafet wall	1	1 00	In the second second	0.0	3 60			
	The second secon	4	12.60	To other process	0.90	45 36			1
		1	11 50	The personnelses	0.00	41.40		-	
	Providing and Living vitrified floor tiles with double charge/ multi- charge	-		For Assistance	Total	305.40	Srjm	113	345102
	charge that the charge million the will double charge million		1						
	printing with water absorption less than 0.5% and conforming to IS		1			1		1	}
	and stockly draft less than 0.5% and conforming to 18				1			}	1
	15622 of approved make in all colours and shades and size							1	İ
	mentioned below (*/- 10mm), laid on 20mm thick cement mortar				-	1		1	İ
	1.4 (1 count. 4 coarse sand) including grouting the joints with			1	1	ł	ı	1	1
	white cement and						i	ł	1
	matching pigments etc. complete. Size 600x600mm	1					I	i	1
	the complete street blioxologism	1					1	1	İ
8		1	1				1		
- 0	room								
-		2	4.50	4.2		37 80			
	room massans	2	4 50	4.1		36 90			
	hele	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	T		
		2	1.00		0.15	0.30			
					Total	124 39	sqm	1151	143172.89
	Providing and laying rectified ecramic glazed floor tiles of size								
	300x300mm and above conforming to IS 15622 of approved					İ			
	make, colour, shade laid on 20 mm thick Cement Martar 1:4 (1		!			1	1 1		
	eement 4 coarse sand) including pointing the joints with white								
	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.Size								
	eement 4 coarse sand) including pointing the joints with white								
	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.Size								
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete.Size 300x300mm								
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.Size	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete.Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of approved make, colours, shades and size on wall and	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of approved make, colours, shades and size on wall and dados over 12mm thick bed of cement Mortar L3 (1 cement 3)	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete.Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete.Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete.Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete.Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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	4	2 20	2		17 60	sqm	858	15100.8
	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete.Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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	4	2 20	2		17 60	sqm	858	15100.8
9	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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			2			sqm	858	15100.8
	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete.Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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	8	2 20	2	2	35 20	sqm	858	15100.8
10	cement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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	8 8	2 20 2.00	2	2	35 20 32 00	sqm	858	15100.8
10	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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	8 8	2 20	2	2	35 20 32 00 -6.00	Sec.		15100.8
10	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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 8	2 20 2.00	2	2	35 20 32 00	Sec.	858 587	15100.8 35924.4
10	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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 Toilet	8 8	2 20 2.00	2	2	35 20 32 00 -6.00	Sec.		200 - 100
10	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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 8	2 20 2.00	2	2	35 20 32 00 -6.00	Sec.		200 - 100
10	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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 Toilet	8 8	2 20 2.00	2	2	35 20 32 00 -6.00	Sec.		200 - 100
10	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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 Toilet Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position.	8 8	2 20 2.00	2	2	35 20 32 00 -6.00	Sec.		Santa - July
10	cement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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 d/d for door Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position. Sal, bijasal, benteak, khair, haldu	8 8 -4	2 20 2 00 0 75		2 2 Total	35 20 32 00 -6.00 61 20	Sec.		August and
10	eement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc complete Size 300x300mm Toilet Providing and fixing ceramic glazed wall tiles conforming to IS 15622of 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 Toilet Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position.	8 8 -4	2 20 2 00 0 75	015	2	35 20 32 00 -6.00	Sec.		August and

no	ITEM DECOM								
	Providing and fixing flush door shutters, conforming to IS 2202 (Part-I).	N	L	В	H/C	Qty	Un	it Rate	Amount
	(Part-I), (Part-I)	1							
1	decorative type core of block board construction with frame of first	l				ĺ	- 1		
	class	ì				1		1	
1	hard wood and well matched teak ply veneering with vertical grains								1
	or lor	l	1		1				1
1	cross bands and face veneers on both faces of shutters excluding		1	1	1		1		1
12	hinges.			1		1	1		
-	25 mm thick (doubt 1 cc						- 1		1
	25 mm, thick (double leaf for cupboard shutters with piano type hinges	1	1 80		2 1	3 78			
	imiges	_	1 50		2 1	3 /8		-	
		4	1.00		2.1	8.40			
\vdash	Providing and Guesa 1				Total	12 18	sqm	1669	20328.42
1	Providing and fixing aluminium work for doors, windows,								
1	ventilators and partitions made out of extruded aluminium standard				i				
	sections (main section with minimum 1 5mm thickness) conforming				1	1	- 1		
	to IS 733, IS 1285 mitred and jointed mechanically including				1		- 1		
1	aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold						1	1	l .
1	fasteners or bolts and pute as required alternative and pute as required alternative as the same and alternative a				1				1
1	fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS				1			1	1
	1868, minimum anodic coating shall be of grade AC-15 (Glazing				1				1
	to be paid for separately For fixed portion				l				
1	to be paid for separately 1 of fixed portion				1		1		
								1	1
	1					i	1		
1			1		1	1	1	1	
1			i		1				1
1	3							1	
		4	1.50		1.2	7.20		 	
		_	0.60		0.45	1.08	+		
					0.75	8.28	sgm		
			13kg/sq	mx6.84		107.64	kg	331	35628.84
	Providing and fixing M S grill of approved pattern made of M S					1207,04	120	331	33020,04
1	flats or		ı			1			
	square or round bars welded to steel frame of windows etc.		ŀ						
1	including		1						
	applying a priming coat welded to frame with all necessary fitting								
	complete								
1	including applying a priming of red oxide zine chromate primer								
14				-			1		
	window, ventilation Grill		15 kg/sq	mx6.84		124.20	kg	67.5	8383.5
	Providing and fixing glazing in aluminium door, window,			Ĭ			-		22027
	ventilator shutters	- 1		l					-
1	and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost	l		1		1			S
1	of					1			
1	aluminium snap beading shall be paid in basic item) With float	i daix	- Anglisher ving	THE CHANGE		1			1
1	glass panes of 4 mm thickness	4				[44 <u>3</u> - 1			
15						Par Val			
	as per size		e services ye	- Taide	of Products	8 28	sqm	611	5059.08
	Providing and applying 2mm thick ready mix exterior grade					1	124111		3033.00
	approved					ŀ			
	make putty (like Birla wall care, Alltek Superfine W/R of (NCL),	,-a	and the second	- F		Lawy John -	1 4 5 6		
16	Asian, ICI,			- 1		\$ 150			
	Maralea 1 K wall auto a a salla ta mala st								witten by
	Nerolac, J.K., wall purity) on walls to make the surface smooth and 1						- 1		17
	Nerolae, J K, wall putty) on walls to make the surface smooth and even.								
	even.			Maria de	7 <u>- 1</u> 7.7	760.74			1
			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	60.5. 4		769 74			
	even.			A- 3- 4	Total	769 74 769.74	sqm	94.5	72740.43

no	ITEM DESCRIPTION	i de proceso	Company of the Company	III	100	Oil	Unit	Hata	Amount
110	Painting exterior surface with PREMIUM ACICYLIC IMPOULT	-	1029732 5,000 10	F-980-14-000	to a standard production	- producers	ne de houstanierospiten	- Control of the Cont	- Parker and Constitution (1997)
	exterior			1		1			1
1	ant of required shada ar par manufacturer's specifications to give					1	1	1	
17	protective and decorative finish including cleaning washing of		1				Ì	1	
- 1	airface etc.			1			1	ŀ	
	complete with					1	1	1	
		& Control of Control	NAME OF THE PARTY	and the control	y	physiological property.	-		
	14-15-1 On new work (Two or more conts applied (it 1.43 ltt/ 10				l	1		ĺ	
	sqin over and		i				1		
	including priming coat of exterior primer applied 49/2/20 kg/ 10								
18	sqm Q1Y as per 15mm thick plaster	pandrostine	decreasion de persona	unturkinsantiiri	and the state of t	305.40			
10	Q11 By Kr 15hillt trick phater	accression party	Autolia institutionia.	ataCoatemporre	Total	305.40	sqm	74.50	22752 3
	Wall painting with acrylic luxury condision (plastic) paint of	n-stendenstein.	- MODERNICO DEL SILVANDO VIGINO						
	required shade				1				
19	to give an even shade. 14.11.1 On new work (twb or more coats				1			l	
			Capanina Statement and product		-	464.34	Sqm	52 50	24377 85
	qty as per 6mm+12mm thick plaster	-	-	the contract of the last	-	104,54	- Cultur		
20	14 22 Painting on new work (two or more coats) to give an even				j				
20	shade with	1x2	150		1.2	14.40	sqm	55.00	792
	14 22 1 Satin synthetic enamel paint					12.60	Sam	23.50	296.1
21	14 20 Applying priming coat on wood work with ready mixed	1	8.40	15		12,00	2.,,,,,		
_	primer 14 25 Providing and laying French sprit polish on new wood work								
1	after preparing								
1	the surface by rubbing down smooth with sand papers, covering the								
	Lante	Sqm	12 60			12.60	Sqm	143.00	1801.8
22	if visible, applying a coat of wood filler, cleaning the surface,	,							i d
1	applying 50								
ì	or more coats of French spirit polish till the surface gives high gloss.								
	Providing 40x5mm iron hold fast 40cm long including fixing to								
23	Learne with 10mm bolts nuts and wpoorn plug and composing							52 Jr. 74	435 00
1	Cement Concrete 1 2 4 in blocks of size 30x10x15cm.					6	cach	72.50	
_	Providing and fixing bright finished brass sliding door bolt with							475.00	475.00
							cach	473.00	
25	To the and Grand bright finished bright lower toms (barrer 1974)								231.00
25	with brass polished MS screws complete 200x10 mm					,	-0.46		1,00
1						1	each	231.00	
26	Providing and fixing bright finished bruss door handles with brass								555.00
1 ~	polished MS screws complete:					10	cach	55.50	
	l'est								
27	Providing and fixing antique/ SS finished brass butt hinges with antique/ SS polished MS screw complete: 125x85x5 50mm (Heavy								256.00
							cach	256.00	
-	Type) Providing and fixing Antique/S.S. finished brass door latch with								
28	necessary Antique/S.S. POlished MS screws complete:	42	19.55	5762		, la =,			424.00
1	300 x 16x5 mm	113	"Geldell		72	1	each	424.00	
20	Providing and fixing 150mm Antique/S.S. finished brass floor door	151	1 2		ができる。	1.00	14-15		77.00
129	steppers with rubber cushion and antique 5.5. Polished 1915					1	mah	77.00	77.00
1	legretus to suit thickness of shutters thickness.						cach	77.00	2.00
30	Denvident and fixing M.S. fan clarnty book for ceiling fan made out	-	1		= ° ≥				
	lof 16 mm dia M.S. bar bent to shape will hooked ends in R.C.C.	1.12		State Section		A I		. 5	970 00
1	slabs, beams during laying including painting the exposed portion	\$ 12.			No.	10	each	97.00	, j
ł	of loop.	Ø-1		A VERY	Santa Market	THE TURE	CaCII	77.00	

Amount
45675 00
1284264.12

Sub Engineer
Municipal Corporation
Korba (C.G.)

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

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

Name of Work - water supply and sanitation work of samudayik bhavan at ward number 51

As per Sor - Schedule of Rates Public Works Department | PWD BUILDING 01-01-20151

O. o. o	Test Description	LLHVVL) BUILD	ING 01	-01-20	151			
Sno	TI THE THE PROPERTY OF THE PRO		L	B	HID	aty	Unit	Rato	Amount
	Providing fixing on wall face or under floor UV stabilized	1		-	1	14.7	- 0,,,,,	Naw	Amount
	Propriesticisco Kivio PVC nines having 7 2				1	1		1	
	Turkings, reaving 10mm gap for thermal expansion etc.				1			1	1
	complete		- 1	1	ł			1	ł
		1		1			1		E 2
	76.2.110nim dia pipe	 	10	-		-		-	
2	Providing fixing on wall face UV stabilicised		30			30	metre	267.00	8010 00
	Unplasticised- PVC moulded fitting / accessories having		- 1						
	3.2mm wall thickness for rigid PVC pipes leaving 10mm			1	1		1		İ
	gap for thermal expansion	1		1	1	1			1
	77 1 Tee/Tee with door / Bend 45/Bend 90 77 1.3 110mm	20	1	1		20	Each	154.00	3080.00
-	77 6 140 144 146								
	77.5 \"P\" trap 110mm X750mm long	20				20	Each	90 50	1810.00
3	19 5 Providing and fixing Chlorinated Polyvinyl Chloride	 		+-	_	 	1	 	+
	(CPVC) pipes, having			1					1
	thermal stability for hot & cold water supply including all	1		1	1			1	
	CPVC plain &		- 1	1	ł			1	
	brass threaded fittings i/c fixing the pipe with clamps at		ı				1	1	1
	1.00 m spacing						1	l	1
	This includes jointing of pipes & fittings with one step			1					
	CPVC solvent							l	-
	cement and the cost of cutting chases and making good the								1
	same		1				1		1
	including testing of joints complete as per direction of		7 =				1		
	Engineer in		- 1				1		1
	Charge CONCEALED WORK including cutting chases								
	and making good the		-	1	_				
			1						
	walls etc.,								
	7 1 15mm dia nominal bore	I	28			28	metre	133.00	3724.00
7	7 1 20 mm dia nominal bore	1	28			28	metre	213 00	5964.00
	Providing and fixing 15mm nominal bore brass bib/ stop							2.200	2704.00
	cock of approved quality								1
	ook of apploted quality								
7	13.3 Stop cock (350grams)	12				12	Each	237.00	2844.00
5	19 42 Providing and placing on terrace polythene water		1			1000	litre	7.30	7300.00
	torage tank and the base support for tank		1	1					. 500.00
- 19									

6	ITEM DESCRIPTION								
- Far	(1)8 1 Providing and fixing water closet squatting pan	N	L	В	H/D	Qty	Unit	Rate	Amount
	100mm sand cust from 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								
7	18.1.1 White Long pattern W.C. pan of size 580 mm	4	_			_	1		
ð	19 17 Providing and fixing ball valve (brass) of approved quality. High or low pressure, with plastic floats complete					4	each	2459 00	9836 00
9	19 17 3 25 mm nominal bore	6						122.00	4
		0				6	Each	432.00	432.00
	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								
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	I	20			20	metre	436.00	8720.00
	20.3 Providing and Fixing Square - mouth S.W gully trap grade A, As per standardf design								
	3 1 100x100mm size p type	8				8	Each	1339 00	10712.00

np	ITEM DESCRIPTION	1							
	Providing and lixing 30mm thick factors and 1	N	L	B	H/D	Qty	Unit	Rato	A
	door shutter actory made panel PVC					-	Unit	Rato	Amount
	consisting of frame made out of M.S. tubes of 19 gauge thickness and								
	thickness and								
	size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S.					1			
	bottom rails M S							1	
	frame shall have a coat of steel primers of approved make			1					
	manufacture to a second and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a						1		
	manufacture. M.S. frame covered with 5mm thick heat moulded PVC 'C'	1					1	1	
	channel of size 30mm thickness, 70mm width out of which					1			
	flat and 20mm st. u.s.	1							
	flat and 20mm shall be tapered in 45degree angle on either side forming	1							
	SIVICS, and Smm thirt, or	1							
	styles, and 5mm thick, 95mm wide PVC sheet out of which 75mm shall be						1		
	flat and 20mm shall be tapered in the			1			1		
	flat and 20mm shall be tapered in 45 degree on the inner side to form top						1		
	and bottom rail and 115mm wide PVC sheet out of which							1	
	rommi stratt be		1				1		
	flat and 20mm shall be tapered on both sides to form lock						1		
	ran rop, cottom						1		
	and lock rails shall be provided either side of the panel					1	ŀ		
	Tomm (Smm x 2)								
	thick, 20mm wide cross PVC sheet be provided as gap							İ	
	insert for top rail &								
	bottom rail paneling of 5mm thick both side PVC sheet to be fitted in the								
_	8.152 1 PVC door shutter								
1	5 19 48 Constructing masonry Chamber 60x60x75 cm,	4	0 75		2.1	6.3	sqm	2318.00	14603.40
	inside with modular well								
	burnt clay bricks of 35 kg/ cm² in cement mortar 1.4 (1								
	cement 4 coarse					ł			
	sand) for sluice valve, with C I surface box 100mm top								
	diameter, 160	2				2	anah	1644.00	,
	mm bottom diameter and 180 mm deep (inside) with						each	4644.00	9288.00
	chained lid and RCC							ĺ	
	top slab 1:2:4 mix (1 cement 2 coarse sand 4 graded stone aggregate					į			
	stone aggregate					1	Ì		
1	5 19 17 Providing and Guine vitaria 1								
	18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32	4				4	ech	1430.00	5720.00
	mm C.P brass waste of standard pattern, including				To Vale		ľ		
	painting of					Barry		İ	
	brackets, cutting and making good the walls wherever		1	1 × - 1 M			Edit.		1 - 10
	required			, '		1.00			
					-35 =	,	ì		
17	10 14 Providing and Guino 15	2 · 7 v F= 1, 1				h. d	-19	- ,	101.
.,	19 14 Providing and fixing 15 mm nominal bore C.P brass fittings of approved			fak:	t Pro	# 4.00			
	make and conforming to IS 8931 including C.P. brass					146	Č.,		
	extension if								
	required								
			5. 46.7			150			

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	TIEM DESCRIPTION	Comment .	and to other	And the same of th	100 kindler om gegrinde i sen	N.D.			
	to 14 g pagir mixer biller rab with shour (1000 famus)	A COMPANY OF THE PARTY OF THE P	- An inchesion and a second	B	HID	Oly	Unit	Rato	Amount
No.	Damy,	.1				1	each		4992.00
	19 10 14 to Lowel mil (600mm lung & 20mm day)	Company of the Compan		Special system	The second second	-			
1	The second secon	The second second	Toursensons,	Carmen	deministration.	1	each	338,00	1352.00
	the state of the s		-	- Anti-oni-	-	Andrew Spiriture and South	-	Total	103627,40

Sub Engloner Municipal Corporation Korba (C.G.)

Municipal Gorporation
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 01-08-2020)

S	NRe	no Item of W-1	epartment	PWD ELEC	TRICAL 01	08-2020]
1	0 1	Trem of AAOLK	Unit	Rate	Qty	Amount
-	+	ELECTRIC WOR	3K			
1	1 1 1	WIRING IN CONCEALED PVC conduit				
		The state of the s				
1		FRLS PVC insulated stranded copper conductor wire for above				
		conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy	ĺ			and the same of th
		duty, thickness of pipe should be 2 mm)				
		Towns with modular type 6 Amp syntch and a				
		pin o amps socket outlet with modular hard			ž.	
		land cover plate, suitable size GI have		1		
		learning the switch box and encire ording				
		mul same size wire etc. as per specification		1	1	
		and IS 694 (2010), IS 9537 (2000 Part 5)		1		
_	1					
-	1 10	To the state of th	Point	442 00	18	7956 00
-	1 10	2 Medium Point 3 Long Point	Point	659 00	25	16475 00
	2 13	Wiring for circuit/ sub main wiring along with	Point	922.00	20	18440 00
		earth wire with the following sizes of FRLS		1		
1		PVC insulated copper conductor, wire in		1		
		surface FRLS PVC conduit (heavy duty		1		
		thickness of pipe should be 2 mm) etc as		1	1	٥
١.		per specification and IS: 694 (2010), IS:		1		
-	2	9537 (2000 Part 5)] [
<u> </u>	+	3 X 2.5 sq mm in 20mm conduit	Metre	87.00	20	1740 00
1		Supplying and fixing following piano type				
3	51	switch, socket, other accessories on the existing switch box/ cover including		1	į	
		connections etc as per specification		1		
		Con consisted Clarks and a stand	Each	120.00		
	511	all round	Cacii	130 00	20	2600.00
	6	FANS, LUMINARIES AND LAMPS				2000.00
1		Supplying, installation, testing and				
		commissioning of following sizes ceiling fan		1		
- 1		including wiring the down rods of standard		1	1	
4	61	length up to 30 cm with 1.5 sq. mm FRLS				
- 1		PVC insulated, copper conductor, single		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Marie Carlos	
- 1		core cable, earthing etc. complete as				
- 1		required PF should be greater than 0.9.		1.0		
-		with BEE Star rating from 3 star and above,				Separate in the second second second
	613	1200 mm sweep	Each	1697.00	20	33940.00
		Supplying and fixing of wall/ cabin fan				000-10.00
5	85	including connection etc. as per				
		specification P F should be greater than 0.9				
-	1.5 1	300 mm sweep				
10	51	- The street	Each	1387 00	4	6540.00
					117 1 1 1	5548 00

SN	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, PF should be greater than 0.9 LED chip efficacy ratio				
	6.193		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-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				
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
		EARTHING		331,00		2 674.00
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		3243.00

3711						
3 H	Ref no	retti of AAOLK	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		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)			30	
	15.8.3	2 x 10 sq mm	Metre	94,00	20	1880 00
					TOTAL	105198.00

Sub Bagineer
Municipal Corporation
(.C.G)Korba

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