कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 311 / 2025

सिस्टम टेंडर नं.175678

कोरवा दिनांक 13.09.2025

ई-निविदा आमंत्रण सूचना कार्यालय नगर पालिक निगम, कोरवा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकंदारों से प्रमुख क निर्माण विभाग राजार करण करण द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकंदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015, विद्युत हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खलने के दिनांक तक रामध्य राष्ट्रिक भवन कार्य हेतु दिनांक 01.01.2015, विद्युत हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खलने के दिनांक तक रामध्य राष्ट्रिक प्रमावशील के विकास के विकास के विकास के विकास प्रमावशील के विकास प्रमावशील के विकास 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 के निविदा आमंत्रित की जाती है:-

फिजिकल सबिमशन लिफाफा प्राप्त होने की अंतिम तिथि

08.10.2025 सायंकाल सं 3.00 वर्ज तक

2	निविदा खुलने की अंतिम तिथि		- 08.1		काल 4.00 बज स	ठेकंदार	निविदा
क.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	का वर्ग	खुलने की तिथि 08.10.2025
1	वार्ड क. 19 सी.एस.ई.बी. कोरवा सरस्वती शिशु मंदिर विद्यालय के पास भवन निर्माण (अतिथि रवरूप) (प्रमारी मंत्री मद)	25.00	18800/-	०५ गाह	750/-	वर्ग डी एवं प्रवर श्रेणी	₹

शते:-

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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.

जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर

पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।

इच्छुंक टेकेंदारों 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, वैद्य जी.एस. 3. 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 ड्रापट एवं घराहर 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 निर्घारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त,नगर पालिक निगम,कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन— 495677 कोरबा के पते पर मेजना 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 दिनाक के पश्चात का, निविदा कमांक 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।
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 संघारण 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 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 सम्याविध की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयाविध में निर्माण कार्य की परफारमेंस गारंटी राशि वापसी हेतु सम्याविध की गणना कार्य पूर्णता तिथि से किया जायेगा। भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।

जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन(वर्तमान तक वैधता)एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे एवं कर्मचारी भविष्य निधि संगठन(ई.पी.एफ.) एवं विभिन्न प्रावधानों को घारा 1952 के तहत निविदार का जीवित पंजीयन होना आवश्यक है साथ ही निविदा आगंत्रण दिनाक से विगत तीन माह की अवधि में जमा किये गये TRRN Payment Detail चालान की प्रति प्रस्तुत करना तथा ऑनलाईन अपलोड किया जाना अनिवार्य होगा।

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

ईट से संबंधित निर्माण कार्यों में पुलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। 7

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 अनुवंध 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 डिपाजिट अथवा एन.एस.सी. जो कि आयुक्त 9 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 नहीं किया जावेगा। 10. निविदा प्रपन्न फार्म –ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा।

11 निविदा के सबंध 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 स्रक्षित रहेगा। 13

उपरोक्त निर्विदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है। 14. देकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आवंटन एवं राशि उपलब्ध होने पर किया जाएगा। 15

निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुवंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यो हेतु पृथक से 16 छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना

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

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

> कार्यपालन अभियता नगर पालिक निर्मम कोरबा (छ.ग.)

प्रतिलिपि-

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

Date-Time Detail(s)

No.	Nagar Nigam Stage	Contractor Stage	Star	t	Expir	у	Remarks
	Release Tender		Date	Time	Date	Time	
			13.09.2025	15.30	13.09.2025	15.30	Release Tender
		Bid Submission	13.09.2025	15.30	06.10.2025	17.30	
		Physical Document Submmission	13.09.2025	15.30	08.10.2025	15.00	- 4
	Tender Open		08.10.2025	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 bhawan (Atithi Bhawan) Near Saraswati Shishu Mandir CSEB Korba At Ward No - 19

3. V.	SOR Ref.	R:Schedule of rates public works d	NO	L	В	D/H		UNIT	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area),								
L		column	15	1.70	1.70	1.50	65.03			
L		wali	3	11.00	0.60	0.40	7.92			
L			5	8.50	0.60	0.40	10.20			
L		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	3.40	0.60	0.40	0.82			
L		2,70%	1	2.80	0.60	0.40	0.67			
L		pipe line drainage	1	35.00	0.40	0.40	5.60	_	405.00	10000 11
1						Total	90.23	Cum	185.00	16693.11
2		Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all layers. Foundations, footings, bases of								
	f	columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.					X .			
Γ		column c1	15	4	1.50	0.30	27.00)		
Г			15	4	0.6	0.4	14.40			
Г	- 10	column below plinth	15	4	0.30	1.20	21.60			
r		plinth beam	3	2	12.20	0.30	21.96	5		
Н			5	2	9.70	0.30	29.10		1: 1	
H		- 3-4	1	2	3.40	0.30	2.04			
H	-+	(1000)	1	2	2.80	0.20	1.12			-
\vdash			\dashv			Total	117.22		139.00	16293.5
		Columns, Pillars, Piers and likes rectangular or square in shape				70.0.		- Oqiii	100.00	10233.30
		E CONTRACTOR OF THE CONTRACTOR	15	1.20		2.90	52.:			
	-	7				Total	52.2	0 sqm	297.0	15503.4
BANK TOTAL	F	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in			4			o oqu	231.00	10000.4
20	s	slab	1	13.10	9.70	T CR	127.0	7		
			2	13.10	0.13		3.4			
			2	9.70	0.13		2.5		 	
		hajja	6	2.40	0.60		8.6			

8 F	Bea, s, lintels, cantilevers &				Total	141.64	sqm	235.00	33284.93
	ntel beam vertical			•					
"	nter beam vertical	4	(0)500000		0.20	10.48			
	•	4			0.20	7.76			
		2			0.20	3.68			
\vdash		6			0.20	4.08			
		2	A District Co.		0.20	1.12			
-	let t	2			0.20	2.28			
S	lab beam vertical	4	13.10		0.30	15.72			
-		2	9.20		0.30	5.52			
n	orizontal	6	9.70		0.30	17.46			
		6	3.40		0.30	6.12			
		4	5.70		0.40	9.12			
		2	5.70		0.30	3.42			
	men's	2	2.80		0.30	1.68			
	*)								
	in species (Total	88.44	sqm	202.00	17864.8
s	tair cases of all types excluding piral and folded plate type, cluding risers and landings								
		2	2.40	1.20	,	5.76			
		22	1.20	0.15		3.96			
		2	7.20	1.20	4	17.28			
					Total	27.00	sqm	230.00	6210.0
sa m ex co	roviding and filling in plinth with and/ Crusher dust and hard corum under floor in layers not acceding 20cm in depthonsolidating each deposited yer by ramming and watering,			5 -	v			2	
co	olumn	15	1.70	1.70	0.15	6.50		======	
		3	11.00	0.40	0.15	1.98			
wa	all	5	8.50	0.40	0.10	1.70			
		1	3.40	0.40	0.10	0.14			
		1	2.80	0.40	0.10	0.11			
	pe line drainage	1	35.00	0.40	0.10	1.40			
flo	oor	- 1	12.20	9.70	0.30 Total	35.50	0	074.00	Manager Land
mi cru co	roviding and laying nominal ix plain cement concrete with ushed stone aggregate using encrete mixer in all works upto				Total	47.33	Cum	371,00	17560.3
pli	nth level excluding cost of				1 3 2 1	# P = 1			
3 1:3 : 40	3:6 (1 cement : 3 coarse sand 6 graded stone aggregate 9 mm nominal size).								
co	lumn	15	1.60	1.60	0.10	3.84			
	the state of the s	3	11.00	0.40	0.10	1.32			
wa	all	5	8.50	0.40	0.10	1.70			This
		1	3.40	0.40	0.10	0.14			113
	-3.4	1	2.80	0.40	0.10	0.11			1.0

1	p line drainage	. 1	35.00	0.40	0.10	1.40			
	flooi	1	12.20	9.70	0.10	11.83	-		
ŀ					0.10	11.03			
ŀ									
F							-		
F									
5	1.17 Filling from available excavated				Total	20.34	Cum	2970.00	60415.7
	stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depthconsolidating each				ė.	(4)			
			-		Total	90.23	Cum	65.00	5865.
3	3.2 Providing and laying nominal				=		\vdash		
	mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost		, seg						
	1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).				8			r	
	column c1	15	1.50	1.50	0.30	10.13			
	5.25	15	0.60	0.60	0.40	2.16			
	column below plinth	15	0.30	0.30	1.20	1.62			
	plinth beam	2	13.10	0.30	0.30	2.36			
		5	9.70	0.30	0.30	4.37			
		1	3.40	0.30	0.30	0.31			
	column up to lintel	1	2.80	0.20	0.20	0.11			
	lintel beam	15 2	0.30	0.30	2.40	3.24			
	inter beari	2	9.70	0.20	0.20	1.05			
	1286	1	9.70	0.20	0.20	0.78			
	Ya exem	3	3.40	0.20	0.20	0.37			
		1	2.80	0.20	0.20	0.41	2,521	1,000,000	
		1	5.70	0.20	0.20	0.23	Manua	Alter A.S.	
	chajja	6	1.80	0.60	0.10	0.65			
		1	7.00	0.90	0.10	0.63	-	1919	
	column up to ground floor slab	15	0.30	0.30	0.90	1.22			-
	slab beam vertical	3	13.10	0.20	0.30	2.36			
	horizontal	3	9.70	0.20	0.30	1.75			. 1
		3	3.40	0.20	0.30	0.61			
	_1	2	5.70	0.30	0.40	1.37	-		
		2	2.80	0.20	0.30	0.34			0.1
	slab	1	13.10	9.70	0.13	15.88			
	stair waist slab	2	7.45	1.10	0.15	2.46			
	landing	22	1.50	0.30	0.15	1.49			
	lanung	2	2.40	1.50	0.15	1.08			<u> </u>
		1	4.00	2.40	0.13	-1.20		Check to the second sec	Control of the Contro

	raing and placing in position				0.55.00				
	A Hellin Center for Co								
/	Illiciudillo siraightenina						i	1	*
1	Deliuliu. Dinning oto								1
1	las per diawing including							1	. 1
Esta/	omany wife in foundation and			5		1	- 1		
P	1 Thermo-Mechanically treated								
		100	55.85			5584.63			
-	7.5 Brick words				Total	5584.63	ka	54.50	204200 00
	7.5 Brick work with modular fly-ash					3007.00	kg	34.50	304362.06
	I THE HILLS							1	
	confirming to IS:12894-2002 of class designation 4.0							1	
_			200			1	- 1		
	3 Cement Mortar 1:5 (1 cement : 5 coarse sand)								
	plinth beam		11.00						
		3 5	11.00 8.50	0.30	0.30	2.97	- 1	1	
		1	3.40	0.30	0.30	3.83			
		1	2.80	0.30		0.31	_		
		3	5.00	1.20	0.30	0.25			
		-	0.00	1.20	0.30	5.40	-+		
		$\neg \uparrow$			Total	12.75	Cum	3263.00	41613.0
ipei	structure 7.5.3+7.6						-	0200.00	41010.0
		2	11.00	0.20	2.90	12.76			
	L -	2	8.50	0.20	2.90	9.86		,	
		3	3.40	0.20	2.90	5.92			
		1	2.80	0.10	2.90	0.81			
		-5	1.00	0.20	2.10	-2.10			
	insert and the second	-6	1.50	0.20	1.20	-2.16			
	FS(2)	-2	0.80	0.10	2.10	-0.34			
	105 M& BEE			(S	Total	24.75	Cum	3384.00	83760.
7.6	Extra for brick work in		75			0.00	Cum	121	
	superstructure above plinth level	- 1	A.		1				
	for every floor or part thereof in								
VA	addition to rate for foundation		177						10
2.12	Providing and laying vitrified		-					-	
	floor tiles with soluble salt		200		SALES I				
	printing, of size			47.4	NAME OF STREET		-territoria		
	600x600mm with water						1		THE REAL PROPERTY.
	absorption less than 0.5% and	_ 1	1	U DA					
	conforming to IS		1	1 95					
	: 15622 of approved make, laid								
	on 20mm thick cement mortar								
	1:4 (1								139 8
	cement : 4 coarse sand)			423			10/46		
	including grouting the joints with	1		4.0	Fig.				
	white cement								
	and matching pigments etc.								
1	Size 600x600mm						Ŵ.		
		1	12.50	10.00		125.00			11/1/16
				1-20		-8.00	sqm	963.00	112671.
	and sudden to				Total				

	'ding and fixing ceramic								
	Iglaze Wall tiles conforming to 10	i							
	1: 15622 of approved make					į	- 1	1	1
	colours, snades and size on wall	1					- 1		1
	and dados over 12 mm thick	1 1				1		T.	
1	bed of cement Mortar 1:3 (1				1		1		1
	cement : 3 coarse sand) and				1	1			1
7	liginting with grov served and				1	1	. 1	1	
1	jointing with grey cement slurry	1			1	1	1		1
	@ 3.3kg per sqm including				- 1	1			
	2 Size above 200x300mm						_		
		4	2.80		4.50	10.55			
			3 1 - 1 A -		1.50	16.80		-	
		2	3.40		1.50	10.20			
		1	7.40		0.60	4.44			
							\neg		
					Total	31.44	sqm	646.00	20240.04
12.9	Providing and laying ceramic				Total	31.44	Sqiii	040.00	20310.24
	glazed floor tiles conforming to	į		- 1			- 1	1	
	IS : 15622 of approved :				i	1	- 1		1
	IS: 15622 of approved size,		1			1	1		- 1
	make, colour, shade laid on 20	- 1		1	1	- 1			1
	mm thick Cement Mortar 1:4 (1	- 1	- 1	1000				1	. 1
<u> </u>	cement : 4 coarse sand)	1	- 1		1	ı	1	1	
	including pointing the joints	- 1			1			1	1
1									
	Size above 300x300mm	2	2.80	1.70		9.52			
		i	14						
					Total	9.52	sqm	728.00	6930.56
12.45	15 mm thick Table rubbed				. 0.0	0.02	Sqiii	120.00	0330.30
				- 1				. 1	
			1	1)	-
	flooring laid over		- 1	1	i				4
	20mm (Average) thick base of	- 1		1	· i				
- 1	cement mortar 1:4 (1 cement : 4			- 1					
1	coarse	.	1	1	1	5		1	
		-	- 1						
	sand) laid and jointed with grey								
	cement slurry including rubbing								
1	and	- 1	- 1	i	. 1	į		i	
1	Granite stone black								
	Control of the Contro							2	
	stair	22	1.20	0.30		7.92			
		22	1.20	0.15	Abred 6	3.96		Action Josepha	executed States
	Recording to	2	2.40	1.20		I had been seen	All Comme	Carried State of Stat	
				To A Property	British 18	5.76			
		22	0.30	0.15		0.99	-		7 30
152	7.55	1	7.00	0.60	Der .	4.20	\vdash		TI CHILD BERGIN
\rightarrow				-	No.				
		1	7.00	0.15	Mark of the last	1.05			
	(C.M.)			112	Mari I				
			+		MESTA O		 		The second second
	A255			128	SCI.				CO MAN
				American Services	Total	23.88	sam	2646.00	63186.48
					=				L. The
9.15	Providing and fixing M.S. grill of			11,94	ENGL III				- S402.
- 1	approved pattern made of M.S.	- 1	ĺ	17.5		28 - 20	. 1	100	- 344
- 1	floto and pattern made of M.S.		1	10		L.			
	flats or square or round bars	i	- 1	22		8			0
	welded to steel frame of	- 1				-			
ľ	windows etc. including applying	- 1	i						A SILVE
	a priming coat welded to frame	- 1			THE REAL PROPERTY.			· ·	
		- 1		0/54	The state of the s				
				1				- 1	
	complete including applying a		i					1	
		1	1	- U POE 9	Maria Carlo	23	- 1	- 1	0.3
	priming of red oxide zinc			200		1		1	1000000
	priming of red oxide zinc	6	35.00			210.00	-		

1									
					Total	210.00	Kg	67.50	14175.00
18 1	11.1 Providing and making 6mm thick cement plaster of mix				1				-
	2 In Cement mortar 1:3 (1 cement : 3 fine sand)								
	slab	1	13.10	9.70		127.1			
	stair waist slab	2	7.45			22.4			
		11	1.50			5.0			
	landing	2	2.40			7.2			
9 1	1.2 Providing and making 12mm thick cement plaster of mix				Total	161.57	sqm	93.00	15026.01
	4 In Cement Mortar 1:5 (1 cement : 5 fine sand)								
		2	12.2		4.5	109.80			
		2	9.7		5	97.00			
						-40.00			
					Total	166.80	sqm	96.50	16096.2
11	.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick								
	4 In Cement Mortar 1:5 (1 cement : 5 fine sand)		9						
	lintel beam vertical	5	9.70		3.30	160.05			
	- 9 2	2	9.20		3.30	60.72	-		
	1,000 = 1	7	3.40		3.30	78.54			
	2 3 BM T 1 3					-40.00			
	18 SYT (Total	259.31	sqm	113.00	29302.0
14.13	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and								
-	to make the surface smooth and	-			anazada I	587.68			
					Total	537.68	-	94.50	50810.7
	CHRIST			1000					
14.1	Wall painting with acrylic premium emulsion (plastic) paint of required					390.88	sqm	44.50	17394.1
1	On new work (Two or more								
14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per								
	manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc.								
	On new work (Two or more								

		P								
	1.13	8 Proving and fixing stainless steel door latch with 12mm rod,					166.80	sqm	56.00	9340.80
		thick flap, necessary staints						,		
1		steel screws etc. complete 2 250mm		-						
ŀ							11.00			
7	8.139	Providing and fixing stainless steel tower bolts (Barrel type) with				Total	11.00	nos	85.00	935.00
1	3	necessary stainless steel screws 3 150 x10mm		,						
8	8.141	Providing and fixing Stainless steel "D" shape door handles made of 10mm dia rod with necessary stainless steel screws etc	1			Total	10.00	nos	57.50	575.00
		8.141.2 150 mm				Total	6.00		40.50	
9	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:		ľ.		Total	6.00	nos	49.50	297.0
1		8.58.1 125x85x5.50 mm (Heavy)				Total	8.00	nos	245.00	1960.0
	8.143	Providing and fixing stainless steel hanging door stopper with necessary stainless steel screws complete.	H #							
		Single			~	Total	6.00	nos	47.00	282.0
		Painting on new work (two or more coats) to give an even								
L	2	Premium synthetic enamel paint	6	1.50			10.80			
H			5	1.00			6.00			
H			2	3.00	2.40	Total	14.40	1 2	47.00	4.400
		Providing and fixing flush door shutters, core of block board construction with frame of first class hard wood and well matched first				10:41	31.20	sqm	47.00	1466.4
		class Indian teak ply veneering on one face and commercial ply veneering on the other face of the shutter with vertical grains, cross bands and face								
H		.14.1 40 mm. thick (single leaf)	5	1.00		2.1	10.50	sqm	2034.00	21357.0
H	,	To min. unck (onlyle lear)		7.00	Add .			34"		BATTER TO THE PARTY OF THE PART

	1									
-	9 8.1	49 Dividing and fixing factory	П		-					
1		mao. PVC door shutters of specified thickness made of styles and rails of a UPVC hollow section of specified size 59x24 mm and		137						
		wall thickness 2 mm ± 0.2 mm with inbuilt edging onboth sides. The styles and rails mitred and joined at the corners by means								
		or M.S. galvanised/ plastic brackets of size 75x220 mm having wallthickness 1.0 mm			-				7.	
1	-	2 8.149.1 24 mm thick door	2	0.80	2.10		3.36			
10	-	2 Structural -1 -1				Total	3.36	sqm	2399.00	8060.64
16		2 Structural steel work riveted or bolted or welded in built-up sections,trusses and frames work upto a height of 5m above plinth level, includingcutting, hoisting, fixing in position and applying a priming coat of red oxidezinc chromate primer.	-mic				200.00	kg	66.00	13200.00
36	9.4	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (mainsection with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285mitred and jointed	J. 16		e a		8 -		8 7	
		mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections			u			-		
-	0 47 4	For fixed portion			1077-1-4-1-1-4-		60.00	kg	331.00	19860.0
37	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the				2	48.00	- 0	2	
38	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):								
		With float glass panes of 6 mm thickness	6	1.50	1.20		10.80		804.0	0 8683.2

	grill nade 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.					
1	SS Grade 204		25.00	kg	467.00	11675.00

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

SANITATION WORK

As per SOR:Schedule of rates public works department[PWD BUILDING-01-01-2015]
PART - C -SANITAION WORK

		PART - C -SANITAION WORK	7.50							
	1 18.7	Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 175 mm dia pipe.	1	20.00			20.00	metre	182.00	3640.00
		2 110 mm dia pipe.	- 1	20.00	(20.00	metre	267.00	5340.00
2		1 Providing and fixing water closet squatting pan (Indian type W.C. pan),100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including	192				1	each	2899.00	2899.00
		White Orissa pattern W.C. pan of size 580x440 mm			(i	i				
	18.4	Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low					1	each	4415.00	4415.00
3	18.17	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:					2	each	1605.00	3210.00
t	1	Coloured Size 550x450 mm		41.2					THE SECTION	of stalk
6	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap								
Ī	1	Tee/ Tee with door/ Bend 45°/	71							•
+	1	75 mm					5.00	each	113.00	565.00
1		110 mm	\dashv					each	154.00	924.00
+	3	Vent covel	-							
-	1	75 mm	-				6.00	each	34.00	204.00

67	Na. vni trap 110x75mm			T		6.00	each	90.50	543.00
19.4	Providing and fixing Chlorinated								0.000
1	15 mm nominal outer dia .Pipes.					58.00	metre	110.00	6200.00
3	25 mm nominal outer dia .Pipes.			-				110.00	6380.00
	32 mm nominal outer dia .Pipes.					20.00		199.00	3980.00
	outer dia .i ipes.			1 1		22.00	metre	271.00	5962.00
19.13	Providing and fixing 15 mm			-					
	Bib cock (250 grams)					6.00		405.00	4440.00
				1 1		6.00	each	185.00	1110.00
19.14	Providing and fixing 15 mm nominal bore C.P. brass fittings					,			7
6	Stop cock (concealed) (600			++		4.00	each	494.00	1976.00
	grams (concealed) (000					4.00	Cacii	434.00	1370.00
4	Piller Cock (400 grams)					2.00	each	398.00	796.00
	Long nose bib cock (500 grams)					2.00	each	455.00	910.0
	Two way bib cock (800 grams)					2.00	each	708.00	1416.0
			<u> </u>			2.00	each	269.00	538.0
	Shower rose (revolving type) (15	0mm)					,		070.0
	T 1 1/C00 1 20	ا۔: ۔۱				2.00	each	338.00	676,0
	Towel rail (600mm long x 20mm CP brass water jet to be fixed in	aia)	-	-		1.00	each	577.00	577.0
	seat cover of WC with flexible				86	1.00	000.	0.1.00	
19.15	Providing and fixing stainless			1		6.00	each	51.00	306.0
	steel drain jali of approved								
19.16	Providing and fixing brass/ gun							1	
	metal gate valve with C.I. wheel								
	of approved quality (screwed							100.00	070
Lig	25 mm nominal bore						each		872.0
2	2 32 mm nominal bore.					and the second s	each		1020.0
19.5	Constructing masonry Chamber					2.00	each	4356.00	8712.0
	60x60x75 cm, inside with		1				1		
	modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4			- 100					
	(1 cement : 4 coarse sand) for		1				No.		
	fire hydrants, with C.I. surface			100		NATIONAL PROPERTY.	103	PENDER!	
	box 350x350 mm top and 165					200			
	mm deep (inside) with chained		1	- Title					
	lid and RCC top slab 1:2:4 mix								
=	(1 cement : 2 coarse sand : 4		1				-		
	graded stone aggregate 20 mm nominal size) necessary							4	
	nominal size) necessary excavation foundation concrete		1		33	1			
	1:5:10 (1 cement : 5 fine	•							
!	sand:10 graded stone aggregate		1					3	
	40 mm nominal size) and inside				à .	1.0			The Address
8.1	13 Providing and fixing white			PARTY	Marin.				
	vitreous china urinal basin with					1.00			
	waste fitting				The	1			
1	lac nor IS . 2556 and other								
	as per IS: 2556, and other 2 Flat back half stall urinal of size				har a	2.00	each	1776.00	3552.0

(at all evels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without	1000.00 litre 7.	7300.00
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Say Rs.=

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

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

Name of work :-Internal Electrification

As per SOR:Schedule of rates public works department[PWD ELECTRICAL

5.	SOR Ref.	ITEM DESCRIPTION	NO	L					3	
<u>+</u>		No.	NO	_	В	D/H	QTY	TINL	RATE	TAUOMA
		Wiring for light/ fan/ exhaust fan / call bell point with 3x1.5 sqmm 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) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per								
	1	Short Point	20				20	Point	240.00	4800.00
Γ	2	Medium Point	20		1.		20	Point	376.00	7520.00
2		Extra for providing and fixing light plug point on board in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with piano type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of phenolic laminated sheet and M.S. box etc. as per specification and IS:	2				2.00	Point	87.00	174.00
		Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5)				,				
4	13.2	3 X 2.5 sq. mm in 20mm conduit	3	50.00				00 Met	_	
H	<u></u>	3 X 4 sq. mm in 25mm conduit	3	30.00			90.	00 Met	re 145.	00 13050

					8		*		
6.1	Sunly, Installation, Testing and	T	T						
	Com. Ssioning of 1200 mm	1			1				
1	sweep, BEE 5 star rated, ceiling fan with Brush Less Direct	1			1				
	Current (BLDC) Motor, class of			1	1		1		
- 1	linsulation: B. 3 nos blados and			1	- 1	1	1		1
1	iong down rod 2 nool	1		4	1				
e 1	canopies, shackle kit safety			i l	1	4	1		1
	liope, copper winding Power				1	A	1		1
1	ractor not less than 0.9 Service			1_	1	1	1	8	1
	value (CMM/W) minimum 6.85				1	1			1
1	All delivery minimum 215 CMM	1	The state of	- 1		(1		1
1	350 RPM (tolerance as per IS .			. I			1		1
	(3/4-2019), THD less than 10%		1	. 1	, ,	i I	1	1	1
1	remote or electronic regulator	1	1	1	. 1	1			1
	unit for speed control and all		1) J	1	4		1
	remaining accessories including safety pin, nut bolts, washers,		1	1	, ,	1			1
	temperature rise=75 degree C		1	4	1 1	1	(1	
	(max.), insulation resistance		1	i J	1 1	1)	(1	1	
l	more than 2 mega ohm, suitable)	i j	i . !	1	1	1	
	for 230 V, 50 Hz, single phase)	() J	1	1 1	(1		
3	AC Supply, including								lancario de la companya de la compa
	Supplying, installation, testing	4				4	Each	2662.00	10648.00
	and commissioning of following		,	()	1	1	1 1	-	
	sizes heavy duty (continuous)		7	1 '	1	,	1 1	1	
	running) 1400 rpm exhaust fan	1	,	1 '	1	1	1 1	I	
1	in existing opening in wall	l	1, 1	1	1		1		0
	including earthing etc. complete	_	70	1	1		1 1	1	i.
	as per specification. P.F. should	4	100	1				1	i
	450 mm sweep	2				F	6 EACH	3976.00	23856.0
6.15	Supplying, installation, testing	ď					1		
	and commissioning of following						1 1	1	(
. 3	LED fitting (luminaries) Panel	1					1	,	1
1 18	Light in round/ square shape			1-1			1	A	1
1	complete with electronic driver			HE.			1 1	1	
	heat sink capacitor and all other	- 1		131			1		
		1				A RELEASE			
	accessories on surface/ in false	1			1000				
	ceiling etc. as per specification	S 880	A T	1				是清澈	
l	and P.F. should be greater than	13.17	Á			A LOCAL	1)		
1	0.9. LED chip efficacy ratio ≥	1					1 1		
8.22.5	100 lumens /watt.				The Williams			, A	
	5 15 Watt	12					00 Each	588.00	7056
5.1	Supplying and fixing following	12			STEE	12.0	00 Each	679.00	8148
	piano type switch, socket, other		ĺ.				1 /	1	
	accessories on the existing	, ,	1	1	1	A STATE OF THE STA	- 1	1	l
	switch box/ cover including		1	1	419			1	
5	connections etc. as per		1				1		
5.1.12	Fan regulator Electronic, step	4		+	019			130.00	+
	type moving all round				UM	4.00	Each	100.52	520.00
5.1.13	Ceiling rose 3 pin 5 amps Batten/ angle holder	4			115.6	4.00	Each		128.00
	J Batten/ angle holder	4			ALC:	4.00	Each	38.00	152.00

	1								
19.1	Pre ding and fixing following	Т							
1	rating and breaking capacity				1			1	N.
1	MCCB in existing cubicle panel	1							1
	board including drilling holes in		1					N .	1
	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE			1		341		1	
	i i i i i i i i i i i i i i i i i i i					.	- 1	1	1
	connections, etc. as per				1				1
	specification, IS/ IEC: 60947-2	İ		- 1	1	1			
	and lcs = 100 % lcu.				- 1				
11.17.2	3 pole MCCB, 25-63A, Fixed	3				3.00 €	ach	DAMES AND SHOP	4449.00
	Thermal Release, 10KA					3.00	acii	1483.00	4443.00
19.17	Supplying and fixing PVC water								1
	tight terminal box of approved				1			1	Ì
	make and brand with detachable		1		1		- 1		1
l.	gland plate in bottom, hinged		1	Service	- 1				
	front openable cover, rubber				1	i	- 1	1	i i
	gasket, having 1 Nos 4way connector and 1 No SPMCB				1		1		i
Į.	inside the box for cable			l			- 1	1	
	connection, fixed to pole with 2		-	I	- 1		- 1	1	
	Nos clamp made from 25x3mm			8	l	1	- 1	İ	
j	GI flat with 2 No GI nuts bolts	10					1	1	
	complete as per specification.		*	1					
4.	300x200x125 mm for 3 phase	1				1.00	each	989.00	989.00
	Earth work in all type soil except								
	soft rock / hard rock with all lead	50							
1	and 1.5 metre lift, dressing,					55			
	stacking excavated strata	1	1.50	1.50	1.50	3.38	cum		546.75
1	including refilling of excavated							20	
	soil in trench / pit to ground level							400.00	
8	complete as per specification.							162.00	
10	Earthing with G.I. earth pipe 4.5						- 4		
1	metre long, 40 mm dia including					100		AND THE REAL PROPERTY.	
	accessories, and providing								
12	masonry enclosure with cover					4.00			2242.00
40	plate having locking					1.00	each		3243.00
	arrangement and watering pipe				No.				
	etc. with charcoal and salt as							(C)	
	per specification and IS Code			- 65	- 100			3243.00	
13	3043: 1987(R 2016)				1/4/1356	e constant		3243.00	7.6
	Earthing with G.I. earth plate				Mark				10
	600 mm X 600 mm X 6 mm							İ	1 1
	thick including accessories, and			}					
	providing masonry enclosure	,			- 55	1.00	each		3734.00
	with cover plate having locking			1		1.00	Cacil		3,5
Š	arrangement and watering pipe,				114		1	1	138
	with charcoal and salt as per								1 10
	specification and IS Code 3043:							3734.00	
l)	1987(R 2016)	l	L		- SURVEY	Birth Control			257

			(D))TOTAL =	109163.75
2 x 4 sq. Mm	1	20.00			
cable of 1.1 KV grade direct in ground as in the same trench in one tier horizontal formation at a depth not less than 40 cm and upto 90 cm including excavtion, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, 2 x 4 sq. Mm	1	20.00	20.00 Metre	175.00	3500.00
sizes additional one number, FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power					

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

DETAILED ESTIMATE

NAME OF WORK :- CONSTRUCTION OF SEPTIC TANK AND SEWER LINE Near Saraswati Shishu Mandir CSEB Korba At Ward No - 19

Sc	hedu	le of rates public works departm	ent[PV	D BUILDI	NG-01-0	1-20151				
S. N.	SOF	DESCRIPTION	NO	L	В	D/H	QTY	TINU	RATE	AMOUNT
1	1.	sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto		,						
	•	In all types of soil			ei .					
		nala	1	4.00	3.00	1.80	21.60			
			1	25.00	0.60	0.80	12.00			
	4 40	Desidies and Silver in 12 of		7		Total=	33.60	Cum	185.00	6216
2	1.10	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								
			1	4.00	3.00	0.10	1.20			
			1	25.00	0.60	0.10	1.50	1		
		<u> </u>	P.,			Total=	2.700	Cum	371.00	1001.7
5	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping					2			
	1	Foundations, footings, base of columns and plinth beam					÷		23	
1			2	3.60		0.15	1.08			
			2	2.40		0.15	0.72	-		September -
L		50				Total=	1.80	Sqm	139.00	250.20
		Wall of any thickness including attached pilasters,								
		and the second s	4	3.60		1.80	25.92			TEMPORE TO THE
1			6	2.40		1.80	25.92	_	2.637	
		0				Total=	51.84	Sqm	228.00	11819.52
T	7	suspended floor roofs	1	3.60	2.40		8.64	1		100
		4 7979				Total=	8.64	Sqm	235.00	2030.40
6		Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in								
		1:4:8 (1 cement : 3 coarse sand : 6 graded stone								
			1	4.00	3.00	0.10	1.20			CAR
	1	0	1	25.00	0.40	0.10	1.00	1		

76.7		=		-
	ŗ,	71	м	ð

1						Total=	2.200	Cum	2659.00	5849.8
	6	Providing and laying nominal						Cuili	2009.00	5049.8
	12 73 800	reinforced cement	- 1	- 1			-			
		concrete with crushed stone		- 1						
	1	aggregate using concrete			10		2			_
1		1:1½:3 (1 cement : 1½								
/		coarse sand : 3 graded stone aggregate 20mm		1						4
			_							
		raft	1	3.60	2.40	0.15	1.30			
	7	wall	2	3.60	0.20	1.80	2.59			
	-		3	2.40	0.20	1.80	2.59			
	1	slab	1	3.60	2.40	0.15	1.30			
					17.	Total=	7.78	Cum	4163.00	32371.488
9		Providing and placing in			71					
		position reinforcement for			i lli					
		R.C.C. work including		1						
		straightening, cutting, bending, binding etc.								
		complete as per drawings			14			1		i.
		including cost of binding wire			1		1000			
	1	Thermo-Mechanically			Š.		505.44	K	54.50	27546.48
		treated bars FE 415	65		7.78	Total=	505.4	1	3 04.00	270.0.10
T		Providing and fixing on wall		THE						
		face or under floor UV	1					1		
		stabilized	1					1		l .
		Unplasticised Rigid PVC						1		1
		pipes (single socketed)	\rightarrow				25.	,	n 440.0	11000.00
		150 mm dia pipe.			No. 10 to		23.	"	11 410.0	11000.01
_	4.0	Extra rate for lead for every	-					+		
10	1.9	50m lead or part thereof and			Win 7		21			
	-	upto 150 m beyond 50 m	- 1			1		1		i
	- 1	free lead and 1.5 m free lift	- 1							
	1	For Soils(Extra lead 150 m)	\neg				13.60	0 Cu	m 99.0	0 1346.4
11		Filling from available								
.1	1.17	excavated stuff (Excluding	1				A STATE OF THE PARTY OF THE PAR		Blazza	No. of the last of
		rock) in trenches, plinth,	1			100	20.00	00 CL	m 65.0	1300.0
		sides of foundation etc. in	1			138	20.00	الالا	00.0	1000.0
		layers not exceeding 20cm	- 1			1 12				THE PERSON NAMED IN
		liavels flot exceeding zooni						300		and the same of th

DETAILED ESTIMATE

Name of work:- Construction of bhawan (Atithi Bhawan) Near Saraswati Shishu Mandir CSEB Korba At Ward No - 19 (FF)

As per SOR:Schedule of rates public works department[PWD BUILDING-01-01-2015]

	SOR Ref.	ITEM DESCRIPTION	NO	L	в	D/H	QTY	UNIT	RATE	AMOUNT
2		Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all Columns, Pillars, Piers and				4				
		likes- rectangular or square in			1		= 0			
			15	1.20		2.90	52.2			
l						Total	52.20	sam	297.00	15503.40
-	7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves				Total	32.20	Sqiii	237.00	10000.40
L		slab	1	79.80	1.00		79.80			
L			2	13.10	0.13	,	3.41			
L			2	5.90	0.13		1.53			
ļ		chajja	3	2.40	0.60		4.32		-	
L						Total	89.06	sqm	235.00	20929.10
L	8	Beams, lintels, cantilevers &								· · · · · · · · · · · · · · · · · · ·
L		lintel beam vertical	4	13.10		0.20	10.48			
L		Tall .	2	9.70		0.20	3.88			
L			4	4.00		0.20	3.20			
		医型复数 二十二二年	4	3.40		0.20	2.72			02.1
	4.5	建筑	8	1.80		0.20	2.88			
7			4	5.90		0.20	4.72			
		slab beam vertical	4	13.10		0.30	15.72	Siles	THE RELEASE	Material State
Î			2	9.70		0.30	5.82	SE		
		- 4 2000 C	4	4.00		0.30	4.80			
		- At. 1 A 国际	4	3.40		0.30	4.08	25/33		
			8	1.80		. 0.20	2.88			
			4	5.90		0.30	7.08			
						Total	68.26	sqm	202.00	13788.52
		Stair cases of all types excluding spiral and folded plate type, including risers and			- 3					
			2	2.40	1.20	The second	5.76	No. of Concession, Name of Street, or other		
			22	1.20	0.15	子直	3.96	of the contract of	HEARTH ST	The same of the same
		1	2	7.20	1.20	TARREST .	17.28	3		

Total Control	32 Provio. 3 and laying nominal	_			Total	27.00	sam	230.00	6040.00
1	mix reinforced cement concrete						- Contract	230.00	6210.00
1	with crushed stone aggregate							- 1	
	using concrete mixer in all		Ī	2			- 1		
4	works upto plinth level		- 1					1	
H	1 1:11/2:3 (1 cement : 11/2 coarse	_							
1	sand : 3 graded stone								
	aggregate 20mm nominal size).	- 1		- 1		1			
H	column up to lintel								
1	lintel beam	10	0.30	0.30	2.40	2.16			
	mile beam	2	13.10	0.20	0.20	1.05			
		1	9.70	0.20	0.20	0.39			
		2	4.00	0.20	0.20	0.32			
1		2	3.40	0.20	0.20	0.27			
		4	1.80	0.20	0.20	0.29			
1		2	5.90	0.20	0.20	0.47			
1	chajja	2	13.10	0.20	0.30	1.57			
j		1	9.70	0.20	0.30	0.58			
		10	0.30	0.30	0.90	0.81	\dashv		
1		2	4.00	0.20	0.30	0.48	\dashv		
	slab beam vertical	2	3.40	0.20	0.30	0.40	-+		
1	horizontal	4	1.80	0.20	0.20	0.29	-+		
1		2	5.90	0.20	0.30	0.23			
1	slab	1	75.79	1.00	0.30	9.47	\rightarrow		
1	stair waist slab					180000000000000000000000000000000000000			
1	Stall Walst Slab	22	7.45 1.50	1.10 0.30	0.15	2.46 1.49			
1	landing	2	2.40	1.50	0.15	1.08			
1	is.iis.ig	1	4.00	2.40	0.13	-1.20			
1	MUMTY	4	0.30	0.30	2.80	1.01	-		
1		1	16.60	0.20	0.20	0.66			W
7					Total	24.77	Cum	4163.00	103097.7
8	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of								
\vdash	1 Thermo-Mechanically treated	-		-	+				
+	. The mo-weetianically dealed	100	24.77		-+	2476.53			
-	7.0	.00	to Ted I		Total	2476.53	1	54.50	134970.6
+	7.6 Brick work with modular fly-ash	_			, otal	2410.00	kg	J-4.50	134810.0
	lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in		7.01			n 1			
		2	11.00	0.20	2.90	10.76			10000
		41				12.76	-		
				0.20	2.90	6.84			
	9:50:35:55:5	2	5.90	0.00	0.001				
		2	3.40	0.20	2.90	5.92			
		2 3 2	3.40 3.40	0.10	2.90	1.97			
		2 3 2 3	3.40 3.40 1.80	0.10 0.10	2.90	1.97 1.57			
		2 3 2 3 1	3.40 3.40 1.80 2.40	0.10 0.10 0.20	2.90 2.90 2.90	1.97 1.57 1.39			
		2 3 2 3 1 -3	3.40 3.40 1.80 2.40 1.00	0.10 0.10 0.20 0.20	2.90 2.90 2.90 2.10	1.97 1.57 1.39 -1.26			
		2 3 2 3 1 -3 -3	3.40 3.40 1.80 2.40 1.00 1.50	0.10 0.10 0.20 0.20 0.20	2.90 2.90 2.90 2.10 1.20	1.97 1.57 1.39 -1.26 -1.08		·	
		2 3 2 3 1 -3	3.40 3.40 1.80 2.40 1.00	0.10 0.10 0.20 0.20	2.90 2.90 2.90 2.10	1.97 1.57 1.39 -1.26		3263.00	122055.

	/	7.6 Ext. for brick work i	L							
	1	level for every floor or no	.1	1 1410		o ===	. 0.00	Cum	121	
	1	thereof in addition to rate to	_							
1	12 12	12 Providing and laving vites	-	_				1	+	143
/		floor tiles with soluble sal	it							
V		600x600mm		1 3						
- 1	- 1	absorption less than 0.5% and	r .	11/4						
- [1	(COMORNING IN IS		744						
	1 -	: 15622 of approved make to	,	136				1		1
1	1	on Zonnin mick cement morta	-			1		- 1		
1	1	1.4 (1						- 1		
1	1	cement : 4 coarse sand							- 1	1
1		including grouting the joints with white cement							. 1	
		and matching pigments etc.	1 1			1	1			1
l		1 Size 600x600mm								
			1	12.50	2.60		45.00	_		
			1	4.00	3.60 2.40		45.00 9.60	_		
				1,.00	2.70	Total	54.60	sqm	963.00	52579.80
13	12.	.7 Providing and fixing ceramic		THE STATE OF			0 1.00	- Cq.	000.00	02010.00
		glazed wall tiles conforming to				-				
		IS: 15622 of approved make, colours, shades and size on		1		-				
	l	wall and dados over 12 mm						- 1	1	
		thick bed of cement Mortar 1:3				2		- 1		
		(1 cement : 3 coarse sand) and								
		jointing with grey cement slurry	1							
		@ 3.3kg per sqm including								
		2 Size above 200x300mm		* 1						
			2	2.80		1.50	8.40			
	11		6	1.80		1.50	16.20			
I		16.7	4	1.80	Y	1.50	10.80			
-	4									
1	40.0		1.00			Total			646.00	22868.4
14	12.9	Providing and laying ceramic		1.00	4.00	1.80	7.20			
1		glazed floor tiles conforming to IS: 15622 of approved size,	,	-	- 1					
-		make, colour, shade laid on 20		W.					Landing!	
-		mm thick Cement Mortar 1:4 (1)	- 1			1 1				
1		cement : 4 coarse sand)			1				A PROPERTY OF	
		including pointing the joints			1					
H		Size above 300x300mm	1.00	1.00	3.40	1.40	3.40	1 1 1		
H		220 42010 000,000,000	1.00	1.00	1.90	1.80				
r						Total		sqm	728.00	9100.0
5	12.45	15 mm thick Table rubbed	.000			11,55		635		
		polished Granite stone slab		ŀ	13	THE PARTY OF				
	- 1	flooring laid over			2.2	inst.		4		
		20mm (Average) thick base of	16		42.8					
		cement mortar 1:4 (1 cement :			100		Marie State		l	
1	- 1	4 coarse		1	1				1	
		sand) laid and jointed with grey		7		Maria Vie		1 1		
1		cement slurry including rubbing			-13	Min		1 1		
L		and			1 3	1130 5 17				
	41/	Granite stone black		3.1	478	CALLED TO STATE OF THE PARTY OF				

		prero m emulsion (plastic)			^		529.92	sqm	44.50	23581.44
1		1 On new work (Two or more								20001.44
1	14.1	Painting exterior come	-					-		
		ACRYLIC SMOOTH exterior paint of		No.				-		
		required shade as per manufacturer's specifications to give protective and decorative finish including								
		cleaning washing of surface On new work (Two or more		100						2
			-							
26	8.138	Providing and fixing stainless					144.54	sqm	56.00	8094.24
	=	2.5mm								
- Anna		thick flap, necessary stainless	- 1							
	2	250mm					5.00			
						Total	5.00		85.00	405.00
27	8.139	Providing and fixing stainless	\dashv			rotai	5.00	nos	65.00	425.00
		steel tower bolts (Barrel type) with						141		*
	3	necessary stainless steel 150 x10mm				 -	F 00		57.50	
28		Providing and fixing Stainless				Total	5.00	nos	57.50	287.50
		steel "D" shape door handles made of 10mm dia rod with necessary stainless steel screws etc							8 81	*
	144	8.141.2 150 mm				Total	3.00	nos	49.50	148.50
29	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:	-				¥			
		8.58.1 125x85x5.50 mm			25	Total	4.00	nos	245.00	980.00
30		Providing and fixing stainless steel hanging door stopper with necessary stainless steel screws								
Ī	1	Single				Total	3.00	nos	47.00	141.00
35	14.22	Painting on new work (two or more coats) to give an even								
Ī		Premium synthetic enamel	6	1.50	1.20	* -	10.80			EMERICA
-		h a ·	5	1.00	1.20	1	6.00)		
ŀ	7.0	. PORE CONTRACT	2	3.00	2.40	<i>a.</i>	14.40			
t		magatament in Line				Total	31.20	sqm	47.00	1466.40

-	The			*						
	1	14 viding and fixing flush door	_		d.					
	1 8	Ishun s, core of block board								
	11	Iconstruction		1 1	1					
1	7	with frame of first class hard			1		1		4	1
1	1	wood and well matched first			1	1	1			
11	1	Totass indian teak		4	1	1				1
	ľ	ply veneering on one f				1		1 1		
		commercial ply veneering on								1
II		the other face						1		1
11		of the shutter								10
11		of the shutter with vertical					8			
1 1		grains, cross bands and face							1	
1 1		.14.1 40 mm. thick (single leaf)	3	0.00						
1 +		5 3 3 3 3	- 3	0.90		2.1	5.67	sqm	2034.00	11532.78
39	8.14	9 Providing and 5						-		
		I would dill living toots-								
		made PVC door shutters of					8			4
		specified				627			i	
		thickness made of styles and							1	1
1		rails of a UPVC hollow section							. 1	1
		or specified size 59x24 mm and		1	5					
		wall thickness 2 mm ± 0.2 mm							l l	
		with inbuilt edging onboth sides.		4					1	
		The styles and rails mitred and					1	l 1	- 1	3
		joined at the corners by means							1	
		of M.S. galvanised/ plastic	-				0		1	
		brackets of size 75x220 mm	- 1						1	
		having wallthickness 1.0 mm	- 1	1						
		2 8.149.1 24 mm thick door	3	0.75	2.10		4.73			
	-					Total	4.73	sqm	2399.00	11335.28
16	9.	2 Structural steel work riveted or								
		bolted or welded in built-up		1		- 1				
		sections,trusses and frames		1						
		work upto a height of 5m above					200.00	l ka	66.00	40000 00
		plinth level, includingcutting,		1			200.00	kg	66.00	13200.00
		hoisting, fixing in position and			10					
		applying a priming coat of red		-				1		
		oxidezinc chromate primer.		1 - 150						
36	9.47	Providing and fixing aluminium					Justin J.J.	- 5/10	September 1	Salar Pinner
		work for doors, windows,					Design Carlo	A STATE	A STATE OF THE STA	Service .
		ventilators and partitions made						· ·		
1		out of extruded aluminium		1	18				6	
		standard sections (mainsection		1				Liby		
		with minimum 1.5mm		. [20.00				75
		thickness) conforming to IS:	1	-		Saga.		1		
		733, IS: 1285mitred and jointed								1 183
				I	E E		- 55	1		- 10
				1				1		1
		aluminium cleats, neoprene		1			0.3	1	l .	100
		weather stripping gasket	1		12					1188
		beveled edge beading, screws	1				nty To	1		
1	1	duly fixed in wall/		- 1	13.14			1		
		floor with fixing clips or hold			/A					100
		fasteners or bolts and nuts as		- 1	30		+	1		JAC
		required aluminium sections				OV.				- 17
	9.47.1	For fixed portion			- 1	n skiller	36.00	kg	331.00	11916.00

7	1		31							
	10	211- shutter of doors, windows &		. 1						
	19.41	vent tors including providing and making			1.55		30.00	kg	338.00	10140.00
1	251	provision for fixing of fitting wherever required including the				N .				
38	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters			OU g		* ,			
	17.	and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of								
-		aluminium snap beading shall be paid in basic item):								
1		With float glass panes of 6 mm thickness	3	1.50	1.20		5.40		1	
		1				Total	5.40	sqm	804.00	4341.60
40	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,					2			
		balcony or other places with metal fasteners and stainless steel bolts etc complete.								*
	1	SS Grade 204					25.00	kg	467.00	11675.00
-			1						TOTAL=	779568.84

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

SANITATION WORK

As per SOR:Schedule of rates public works department[PWD BUILDING-01-01-2015]

			- sparti	Hemilen	D BOIL	DING-01	-01-201	5]			
2	1 2	Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring 75 mm dia pipe. 110 mm dia pipe. Providing and fixing water closet squatting pan (Indian)	1 1	20.00	AD BOIL	DING-01	20	0.00 r	netre netre	182.00 267.00 2899.00	3640.00 5340.00 5798.00
	3	type W.C. pan),100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures White Orissa pattern W.C. pan								7 7	
	18.4	of size 580x440 mm Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low						1	each	4415.00	4415.00
3	18.17	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:						3	each	1605.00	4815.00
6	18.77	Coloured Size 550x450 mm Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382					*				
		Tee/ Tee with door/ Bend 45°/ Rond 00° 75 mm							0 each	0 000000000	SAMOSOSIA
1 +	3	Vent covel			-						
	1	75 mm				1338	1 E-16	6.0	0 each	34.00	204.0

	The Residence of the Park						24	
	ani trap 110x75mm							
	19.4 Providing and fixing Chlorinated				6.00	each	90.50	543.00
	1145 mm nominal							
1	odiei dia		_		25.00) mater	440.00	0750.00
1	3 25 mm nominal outer dia		+	+	25.00		110.00	2750.00
	4 32 mm nominal outer dia	_	-	Long	25.00		199.00	4975.00
\rfloor	.Pipes.			- Q4	15.00	metre	271.00	4065.00
8	19.13 Providing and fixing 15 mm	+-				_		
	1 Bib cock (250 grams)				0.00		185.00	1665.00
_	1 1 2 1 1 2				9.00	each	165.00	1003.00
9	19.14 Providing and fixing 15 mm		1	- 10				
}	nominal bore C.P. brass fittings							
1	6 Stop cock (concealed) (600 grams	28			3.00	each	494.00	1482.00
ŀ	4 Piller Cock (400 grams)		<u> </u>		2.00	each	398.00	1194.00
	mer cook (400 grains)	*			3.00	eacii	330.00	,
T	Long nose bib cock (500)	-		+	3.00	each	455.00	1365.00
	grams)	1	1					
. [Two way bib cock (800 grams)	1			3.00	each	708.00	2124.00
			1				269.00	538.00
	San William M. Westernan	100			2.00	each	209.00	000.00
-	Shower rose (revolving type) (150mi	m)			2.00	each	338.00	676.00
	Tawal it (600 lane 20 dia'	.1			2.00	000.		
-	Towel rail (600mm long x 20mm dia) CP brass water jet to be fixed	4			1.00	each	577.00	577.00
-	in seat cover of WC with							200.00
10	19.15 Providing and fixing stainless				6.00	each	51.00	306.00
-	steel drain jali of approved							
11	19.16 Providing and fixing brass/ gun							#3
	metal gate valve with C.I. wheel							
L	of approved quality (screwed				2.00	each	436.00	872.00
-	1 25 mm nominal bore	-			2.00	each	510.00	1020.00
_	2 32 mm nominal bore.	-			500.00	litre	7.30	3650.00
14	19.42 Providing and placing on terrace (at all levels)				THE PARTY			
	polyethylene water storage tank			·				
- 1	ISI marked with cover and	150			1	400		
	suitable locking arrangement		- 1		1		1 1/4	
	and making necessary holes for inlet, outlet and overflow							
L	Tor iniet, outlet and overnow	101					TOTAL =	53503.00

Say Rs.=

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

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

Name of work:-Internal Electrification

3 X 4 sq. mm in 25mm conduit

S.	SOR	ITEM DESCRIPTION	aepart	ment[PI	ND ELE	CTRICAL	-01-06-2020	II DADT		
N.	1.1	Wiring for light/ for/		L	В	D/H	QTY	UNIT	RATE	AMOUNT
		call bell point with 3x1.5 sqmm 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) with 5/6 amp piano type switch, phenolic laminated sheet, suitable size M.S. box etc as per								
-	1	Short Point	15			\vdash	15	Point	240.00	3600.00
-		Medium Point	a					Point	376.00	3384.00
2		Extra for providing and fixing light plug point on board in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) point wiring with piano type 3 pin 5/6 amp socket outlet and 5/6 amp switch including cost of phenolic laminated sheet and M.S. box etc. as per	2	~			2.00	Point	87.00	174.0
3	1.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000)							7	
-										

15.00

145.00

14	6.1 Su Installation, Testing at Compassioning of 1200 m sweep, BEF 5	nd	1						(4)
11	sween REE 5 1200 m	ml							
7.1	ceiling fan witt Star rate	d.		1	1	_			
11	Direct Current in Brush Les	SS		1	1	8	1	1	
1	class of inculation Moto	or.		1	1			1	1
-	blades 30 cm la B, 3 no	S.			-	l .	li	1	
	nos. canopies, shackle k	2		1	1		1	1	1.
	safety rope, copper winding	it,		1	1			1	1
1	Power Factor not less than 0.9	9,	100	1				1	1
- 1	Service Value (CMM/M	9,			1				1
	minimum 6.85 A:			1		1		1	1
1			127	1			1 1		1
1							1		1
1								1	1
	The of Electronic manners							1	1
	remaining and a	11			1	l	1 1	1	
1	including safety in	s			1		1 1	1	
	including safety pin, nut bolts washers, temperature rise=7	5,			1			1	
	degree C (max) inculation	_1							
-	resistance more than 2 mega		1	1	i i	4	l l	1	
	Tollin, Suitable for 230 V 50 Hz	7	1					1	
	3	1 3			-	3	Each	2662.00	7000.00
	Supplying, installation, testing	1	1	 	-		Lacii	2002.00	7986.00
	and commissioning of following	3	1		1	8			
	sizes heavy duty (continuous	sl	-	1			1 1		
	running) 1400 rpm exhaust far	n	1	1		*		1	
1	in existing opening in wal	lj .		1					
1	including earthing etc. complete as per specification. P.F.	1					1 1	1	*
L SI	450 mm sweep	-							
5 61	5 Supplying, installation, testing	3) = (I) (I)			6	EACH	3976.00	23856.00
1								1	
	- 1								
9								1	
	(luminaries) Panel Light in		11.			(#)			
1	round/ square shape complete								
1	with electronic driver heat sink						1 1	- 1	
İ	capacitor and all other								
	accessories on surface/ in false				1		Marie:	All and the same	
l .	ceiling etc. as per specification				1			Yes	
1	and P.F. should be greater than								
	0.9. LED chip efficacy ratio ≥				11000				
8.22.5		12			A CHARLES	100 ST 40 CC		500.00	
8.22.6	15 Watt				100000	12.00		588.00	7056.00
	6 Watt	10			1-12-2	10.00		679.00	6790.00
5.1		6			4 0	6.00	Each	490.00	2940.00
J. 1	Supplying and fixing following plano type switch, socket, other		_						7,000
	accessories on the existing				10.00				
	switch box/ cover including	1							
	connections etc. as per		- 1						
5.1.12	Fan regulator Electronic, step	3			The same	Annual Control of the State of		100 =	74.0
	type moving all round	3				3.00	Each	130.00	000 5
5.1.13	Ceiling rose 3 pin 5 amps	3						20.00	390.00
5 1 15	Batten/ angle holder	3			Control of the last of the las	3.00	Each	32.00	96.00
0. 1. 10	The state of the s		110		THE RESERVE OF THE PERSON NAMED IN	3.00	Each	38.00	114.00

19.1 Pro	ing and fixing following		- 8		,	0			
MCCB board cubicle conne specif	in existing cubicle pane in existing cubicle pane including drilling holes in panel, making ctions, etc. as per cation, IS/ IEC: 60947-2	K ^A							
11 17 22	s = 100 % lcu.								
Therm	MCCB, 25-63A, Fixed al Release, 10KA	3				3.00	Each	1483.00	4449.00
			The TRANSPORT	100 100	State of the		(t)TOTAL =	77350.00
				1374		1 1		Total=	910421.84