#### कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क. 311 / 2025

सिस्टम टेंडर नं.182061

कोरबा दिनांक 19.12.2025

द्वितीय ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015, विद्युत् 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

08.01.2026 सायंकाल से 3.00 बजे तक

निविदा खुलने की अंतिम तिथि

08.01.2026 सायंकाल 4.00 बजे से

क.	कार्य का नाम	प्राक्कलन राशि	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क	ठेकेदार का वर्ग	निविदा खलने की
		(लाख में)	,		(डिमांड ड्राफ्ट)	पंग पंग	तिथि
1	वार्ड क. 19 सी.एस.इं.बी. कोरबा सरस्वती शिशु मंदिर विद्यालय के पास भवन निर्माण (अतिथि	25.00	18800/-	05 माह	750/-	वर्ग डी एवं प्रवर	08.01.2026 से
	स्वरूप) (प्रभारी मंत्री मद)				1 1	श्रेणी	

शर्तः–

4.

6

निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम 1. दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी

जिन 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 विरूद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।

3. इच्छुंक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र,पेन नम्बर, वैध 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 रुकेन कापी ऑन लॉईन 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 भेजना होगा। निर्घारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबिमशन लिफाफा स्वीकार नहीं किया जायेगा।
- निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में निर्धारित प्रारूप में वैध शपथपत्र (राशि रू. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।

अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम,कोरबा के

नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं 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 परफारमेंस गारंटी राशि वापसी हेतु समयाविध की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयाविध में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा। जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन(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 प्रावधानी को

धारा 1952 के तहत निविदार का जीवित पंजीयन होना आवश्यक है साथ ही निविदा आमंत्रण दिनांक से विगत तीन माह की अवधि में जुमा किये गये TRRN Payment Detail चालान की प्रति प्रस्तुत कूरना तथा ऑनलाईन अपलोड किया जाना अनिवार्य होगा।

निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्नर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 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।

ईट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा। प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा। 8.

निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफारमेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त 9. नगर पालिक निगम, कोरबा के नाम पर देव होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयाविध 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। निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा। 12.

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

उपरोक्त निर्विदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते है। 14. 15.

विवास संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा। 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 16. 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।

अभियंता नुगर-पालिक निगम 🖬 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)

Seq.	Nama Nigam Stago	Contractor Stage	Start		Expir	у	Remarks
No.	Nagar Nigam Stage	Contractor Stage	Date	Time	Date	Time	
1	Release Tender		19.12.2025	15.30	19.12.2025	15.30	Release Tender
2		Bid Submission	19.12.2025	15.30	06.01.2026	17.30	
3		Physical Document Submmission	19.12.2025	15.30	08.01.2026	15.00	
4	Tender Open		06.01.2026	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

S. N.	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),								
		column	15	1.70	1.70	1.50	65.03			
		wali	3	11.00	0.60	0.40	7.92			
			5	8.50	0.60	0.40	10.20			
L			1	3.40	0.60	0.40	0.82			
			1	2.80	0.60	0.40	0.67			
L		pipe line drainage	1	35.00	0.40	0.40	5.60			
						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 levels.								
		Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.					8,		E	
		column c1	15	4	1.50	0.30	27.00			
Г	1 1 2		15	4	0.6	0.4	14.40	)		
Г	Į.	column below plinth	15	4	0.30	1.20	21.60	)		
		plinth beam	3	2	12.20	0.30	21.96	3		
r			5	2	9.70	0.30	29.10			
H	-	3 8 5	1	2	3.40	0.30	2.04	1		
H			1	2	2.80	0.20	1.12			
⊢	$\dashv$				- COMMENT	Total		Sqm	139.00	16293.5
-		Columns, Pillars, Piers and likes rectangular or square in shape	-							10230.0
H	100		15	1.20		2.90	52.	2		
				1			JE.	2		
-	-					Total	52.2	0 sqm	297.0	15503.4
	t	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in				Total	32.2	o syn	297.00	, 13303.4
	s	slab	1	13.10	9.70		127.0	7		
			2	13.10	0.13		3.4			
	-		2	9.70	0.13		2.5	0 1	<b>1</b>	
		hajja								-
_			6	2.40	0.60		8.6	4	2	

. 01	Bea, s, lintels, cantilevers &				Total	141.64	sqm	235.00	33284.93
	lintel beam vertical								
	inter beam vertical	4	110 775 1076		0.20	10.48			
		4			0.20	7.76			
		2	9.20		0.20	3.68			
		6	3.40		0.20	4.08			
		2	2.80		0.20	1.12			
		2	5.70		0.20	2.28			
	slab beam vertical	4	13.10		0.30	15.72			[]+
		2	9.20		0.30	5.52			
	horizontal	6	9.70		0.30	17.46			
5000		6	3.40		0.30	6.12			
		4	5.70		0.40	9.12			
		2	5.70		0.30	3.42	$\vdash$		
		2	2.80		0.30	1.68			
	+:	_	2.00		0.00	7.00	-		
					Total	88.44	sqm	202.00	17864.8
5	Stair cases of all types excluding spiral and folded plate type, ncluding risers and landings								
		2	2.40	1.20	,	5.76		1	
		22	1.20	0.15		3.96			
		2	7.20	1.20		17.28			
	************				Total	27.00	sqm	230.00	6210.0
e	noorum under floor in layers not exceeding 20cm in depth consolidating each deposited		l						
	ayer by ramming and watering,		(81)	l		ă.			
lc	olumn	15	1.70	1.70	0.15	6.50			ē
C		15	1.70 11.00	1.70 0.40	0.15 0.15	6.50 1.98			
									-
	olumn	3	11.00 8.50 3.40	0.40	0.15	1.98			
W	vall	3 5	11.00 8.50 3.40 2.80	0.40 0.40 0.40 0.40	0.15 0.10 0.10 0.10	1.98 1.70			
w p	vall ipe line drainage	3 5 1	11.00 8.50 3.40 2.80 35.00	0.40 0.40 0.40 0.40 0.40	0.15 0.10 0.10 0.10 0.10	1.98 1.70 0.14 0.11 1.40			
w p	vall	3 5 1	11.00 8.50 3.40 2.80	0.40 0.40 0.40 0.40	0.15 0.10 0.10 0.10 0.10 0.30	1.98 1.70 0.14 0.11 1.40 35.50			
p fl	vall ipe line drainage	3 5 1	11.00 8.50 3.40 2.80 35.00	0.40 0.40 0.40 0.40 0.40	0.15 0.10 0.10 0.10 0.10	1.98 1.70 0.14 0.11 1.40	Cum	371.00	17560.3
3.1 P	vall  ipe line drainage oor  Providing and laying nominal nix plain cement concrete with rushed stone aggregate using oncrete mixer in all works upto	3 5 1	11.00 8.50 3.40 2.80 35.00	0.40 0.40 0.40 0.40 0.40	0.15 0.10 0.10 0.10 0.10 0.30	1.98 1.70 0.14 0.11 1.40 35.50	Cum	371.00	17560.3
3.1 P m c c c p	rolumn  vall  ipe line drainage  oor  Providing and laying nominal nix plain cement concrete with rushed stone aggregate using	3 5 1	11.00 8.50 3.40 2.80 35.00	0.40 0.40 0.40 0.40 0.40	0.15 0.10 0.10 0.10 0.10 0.30	1.98 1.70 0.14 0.11 1.40 35.50	Cum	371.00	17560.3
3.1 P m c c p	polumn  providing and laying nominal nix plain cement concrete with rushed stone aggregate using oncrete mixer in all works upto linth level excluding cost of 13:6 (1 cement : 3 coarse sand 6 graded stone aggregate	3 5 1	11.00 8.50 3.40 2.80 35.00	0.40 0.40 0.40 0.40 0.40	0.15 0.10 0.10 0.10 0.10 0.30	1.98 1.70 0.14 0.11 1.40 35.50	Cum	371.00	17560.3
3.1 P m c c c p 3 1 : 4	ipe line drainage oor Providing and laying nominal nix plain cement concrete with rushed stone aggregate using oncrete mixer in all works upto linth level excluding cost of 3:6 (1 cement : 3 coarse sand 6 graded stone aggregate 0mm nominal size). olumn	3 5 1 1 1 1 1 1	11.00 8.50 3.40 2.80 35.00 12.20	0.40 0.40 0.40 0.40 9.70	0.15 0.10 0.10 0.10 0.10 0.30 Total	1.98 1.70 0.14 0.11 1.40 35.50 47.33	Cum	371,00	17560.3
3.1 P m c c c p 3 1 : 4	polumn  vall  ipe line drainage oor  Providing and laying nominal hix plain cement concrete with rushed stone aggregate using oncrete mixer in all works upto linth level excluding cost of 1:3:6 (1 cement : 3 coarse sand 6 graded stone aggregate 0mm nominal size).	3 5 1 1 1 1 1	11.00 8.50 3.40 2.80 35.00 12.20	0.40 0.40 0.40 0.40 9.70	0.15 0.10 0.10 0.10 0.10 0.30 Total	1.98 1.70 0.14 0.11 1.40 35.50 47.33	Cum	371.00	17560.3
3.1 P m c c c p 3 1 : 4	ipe line drainage oor Providing and laying nominal nix plain cement concrete with rushed stone aggregate using oncrete mixer in all works upto linth level excluding cost of 3:6 (1 cement : 3 coarse sand 6 graded stone aggregate 0mm nominal size). olumn	3 5 1 1 1 1 1 1 3	11.00 8.50 3.40 2.80 35.00 12.20	0.40 0.40 0.40 0.40 9.70	0.15 0.10 0.10 0.10 0.10 0.30 Total	1.98 1.70 0.14 0.11 1.40 35.50 47.33	Cum	371.00	17560.3

SE

/	p line drainage		35.00	0.40	2 1-1				
	floor		1 12.20		157/2005	1.40			
1			12.20	9.70	0.10	11.83			
Ī							V		
Ī	10	-	-						
Ī			-						
Γ		_			Tatal	00.04			
5	1.17 Filling from available excava	ited	-		Total	20.34	Cum	2970.00	60415.7
ı	stuff (Excluding rock)	in		141					
1	trenches, plinth, sides	of .							
ļ	foundation etc. in layers exceeding 20cm	11.00							
1	at a mass of the same of the s	in ach		1					
					Total	90.23	Cum	65.00	5865.1
+	3.2 Providing and laying nom	inal			=				
	mix reinforced cement concr	ete							
ı	with crushed stone aggreg	ate	1 1	I	-				
	using concrete mixer in all wo	rksl		l					
-	upto plinth level excluding c	ost							2-6
	1 1:1½:3 (1 cement : 1½ coa	rse						0.2223222	
	sand: 3 graded stone aggregation 20mm nominal size).	ate			9			-	*
	column c1	15	1.50	1.50	0.30	10.13	$\vdash$		
		15		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			-
	1. W. 185	1	2.80	0.20	0.20	0.11			
	column up to lintel	15	0.30	0.30	2.40	3.24			
	lintel beam	2	13.10	0.20	0.20	1.05			
	William State	2	9.70	0.20	0.20	0.78			
	14-14-14-1	1	9.20	0.20	0.20	0.37			
		3	3.40	0.20	0.20	0.41			
		1	2.80	0.20	0.20	0.11	-24		
		1	5.70	0.20	0.20	0.23			
	chajja	6	1.80	0.60	0.10	0.65	Į.		
		- 1	7.00	0.90	0.10	0.63			
	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			
		3	3.40	0.20	0.30	0.61			
		2	5.70	0.30	0.40	1.37			
	clab	2	2.80	0.20	0.30	0.34			
	slab	1	13.10	9.70	0.13	15.88			
	stair waist slab	2	7.45	1.10	0.15	2.46			lle as
	landing	22	1.50	0.30	0.15	1.49			
		1 1	2.40 4.00	1.50	0.15	1.08			
			4 (1())	2.40	0.13	-1.20			

- 2									
	'ding and placing in position								. T
l'e	eint cement for R.C.C. work								-
1111	Cludillo Straightening	9	91			1			
100	riuliu. Dinding oto		- 30			8		1	A <sub>cc</sub>
Cit	DEI UI dWINGS Includia.							4	. (1)
bi	nding wire in foundation and							1	
1 Ti									1
	treated treated								
<b></b>		100	55.85			5584.63			
7.5 Br	• # • • • • • • • • • • • • • • • • • •	y .			Total	5584.63			
7.5 Br	ick work with modular fly-ash				Total	5584.63	kg	54.50	304362.06
Hara	e Dricks (Falg Bricke)				1				-
CO	ninming to IS:12894-2002 of	1				1		1	
CIE	iss designation 4.0 in		1		1				l
3 Ce	ement Mortar 1:5 (1 cement : 5			-					
co	arse sand)		- 1					- 1	
pli	nth beam	3	11.00	0.00	0.00				
			11.00	0.30	0.30	2.97			
		5	8.50	0.30	0.30	3.83		86757	
		1	3.40	0.30	1,000,000	0.31			
		1	2.80	0.30	0.30	0.25			
		3	5.00	1.20	0.30	5.40			
					Total	12.75	Cum	3263.00	41613.04
super struc	ture 7.5.3+7.6		A-955	1998		12.10	Ouri	0200.00	+1013.04
		2	11.00	0.20	2.90	12.76			
		2	8.50	0.20	C. Superplantance	49467			
					2.90	9.86	8	^	
		3	3.40	0.20	-10/28/2/20	5.92			
		1	2.80	0.10	2.90	0.81			
		-5	1.00	0.20	2.10	-2.10			
	m - FA 11	-6	1.50	0.20	1.20	-2.16			
		-2	0.80	0.10		-0.34			
	- Although and a second	-			Total	24.75		3384.00	00700.7
7.6 Extr	a for brick work in				) Utai				100
		1		ì		0.00	Cum	121	
	erstructure above plinth level	1					1		
	every floor or part thereof in	- 1							
	tion to rate for foundation						_ = _		
12.12 Prov	iding and laying vitrified								
	tiles with soluble salt	- 1	Į.						
The state of the s	ing, of size	1		3	VILLEY.		1		
150	600mm with water			Desire	1 1 0		5,135		THE REAL PROPERTY.
111000000000000000000000000000000000000	rption less than 0.5% and			YY EV			100		
	orming to IS	- 1						To the said	15000
							1		
	622 of approved make, laid	- 1					~ ]		ASS
	Omm thick cement mortar	Ì							1 2 6
1:4 (	"" <u>4</u> ' 8'		1						-
	ent : 4 coarse sand)	1	I	1.13	82				
inclu	ding grouting the joints with		1	2	-				
white	cement	1	- 1				1 1		
	matching pigments etc.		}						
	600x600mm				200 J. W.				
		-1	12 50	10.00	Marie Control	125.00			2.1.23860
		1	12.50	10.00					
	120			1		-8.00			4144-11-
			i	190	Total	117.00	sqm	963.00	112671.0

	ding and fixing ceramic				-				
240	Iglaze Wall tiles conforming to te	î							
/	1: 15622 of approved make				1	1	1	1	
	colours, snades and size on wall	í			4	1	- 1		
1	and dados over 12 mm thick					1			
	bed of cement Mortar 1.3 (1)			į.			1	1	
1	cement : 3 coarse sand) and	1			1		- 1		1
	jointing with grey cement slurry					a Y	-	1	1
1	@ 33kg por series surry						1		
<u> </u>	@ 3.3kg per sqm including		-		0	I	1		4
L	2 Size above 200x300mm								
	445	4	2.80		1.50	16.80			
		2	3.40		-				
		- 4	100000000000000000000000000000000000000		1.50	10.20			
		1	7.40		0.60	4.44			
40	0.0				Total	31.44	sqm	646.00	20310.24
12.	9 Providing and laying ceramic								
	glazed floor tiles conforming to		e 1				1		
	IS: 15622 of approved size,		1			; }		i	1
1	make, colour, shade laid on 20					4		SI .	
	mm thick Cement Mortar 1:4 (1		İ			g			1
		*	l			ĝ in		1	0)
Ĺ							1		
	including pointing the joints						1		
	Size above 300x300mm	2	2.80	1.70		9.52			
						0.02			
		-			T-1-1	0.50		700.00	
12 45	145 mm think Till II I				Total	9.52	sqm	728.00	6930.56
12.40	15 mm thick Table rubbed	1	1						
	polished Granite stone slab	- 1		1	1		4	) !	
	flooring laid over	- 1		1	1				
	20mm (Average) thick base of	ı	•	- 1	n a			l l	
	cement mortar 1:4 (1 cement : 4			1		ĺ			,
	coarse			1	1	2		l	
	sand) laid and jointed with grey	.+1	1	1					
		1		ì				i t	
	cement slurry including rubbing		ì					1	120
	and		4					i i	
1	Granite stone black								
	stair 113	22	4.20	0.20		7.00			
	Stall		1.20	0.30		7.92			
		22	1.20	0.15		3.96		Land Control	Bulliandan
	and the same	2	2.40	1.20		5.76			
		22	0.30	0.15	35	0.99			
		1	7.00	0.60	1	4.20			Maria III de la companya della companya della companya de la companya de la companya della compa
		1	7.00	0.15		1.05		<del>  </del>	
			7.00	0.10		1.05			
					i i				
	(ATE)								
	The state of the s	18171			Takel	00.00		2040.00	60400 40
				1	Total	23.88	sqm	2646.00	63186.48
0.45	D-11 /2:								1 93
9.15	Providing and fixing M.S. grill of			IIR	11.6				
	approved pattern made of M.S.	1			i i	g.		1	
	flats or square or round bars	- 1		20,5	2.			l i	- Pur
i	welded to steel frame of	1	1	17		¥		· ·	48
	windows etc. including applying	1	ľ	3-61				1	
	a priming applying	1	1	144	Maria I		1	1	
,	a priming coat welded to frame		1		1	- 1		1	
	with all necessary fitting		ļ	. (2)	7 C			1	
	complete including applying a	14	İ	1/ B	200				
	priming of red oxide zinc	1		- 116.47	200			1	1
	Janes State Line			1 2 3 4 4					
	g or red oxide Zine	6	35.00	-00 8	1631	210.00			

	N. A. C.				Total	040 ==1			
100			II		i otal	210.00	Kg	67.50	14175.00
18 11.1	Providing and making 6mm thick								
	cement plaster of mix								
2	In Cement mortar 1:3 (1 cement : 3 fine sand)								
	slab stair waist slab	1	13.10	9.70		127.1			
	Stall Walst Slab	2	7.45	1.50		22.4			
	landing	11	1.50	0.30		5.0			
-	landing	2	2.40	1.50		7.2			
9 11.2	Providing and making 12mm thick cement plaster of mix				Total	161.57	sqm	93.00	15026.01
	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			
	1.		0		Total	166.80	sqm	96.50	16096.2
t	Providing and making 15mm hick cement plaster on the ough side of single or half brick								
4 11	n Cement Mortar 1:5 (1 cement 5 fine sand)			d S					· · · · · · · · · · · · · · · · · · ·
lii	ntel beam vertical	5	9.70		3.30	160.05			
		2	9.20		3.30	60.72			
		7	3.40		3.30	78.54			
	_ 331 8 9	$\neg \uparrow$				-40.00			
	- A 100				Total	259.31	sqm	113.00	29302.0
th ap m	roviding and applying 2mm ick ready mix exterior grade oproved ake putty (like Birla wall care,		2	70		ž		æ	
As Ne	Itek Superfine W/R of (NCL), sian, ICI, erolac, J.K. wall putty) on walls	-							
to	make the surface smooth and					587.68		A VENEZA N	Tariffeet .
		+			Total	537.68		94.50	50810.7
		+		- AV 3		007.00	-4.0		
	all painting with acrylic emium emulsion (plastic) paint required			. 7 11		390.88	sqm	44.50	17394.
	n new work (Two or more)	$\dashv$		- 198	3 - 3 -		10000		
14.15 Pa	ainting exterior surface with CRYLIC SMOOTH exterior	$\top$							
rec	int of quired shade as per								
giv	anufacturer's specifications to re protective and corative finish including								
cle	eaning washing of surface etc.								
On	new work (Two or more			100					CI STATE OF THE PARTY.

	1.13	8 Proving and fixing stainless steel door latch with 12mm rod,					166.80	sqm	56.00	9340.80
1		2.5mm thick flap, necessary stainless steel screws etc.complete						÷		
							11.00			
27	8.139	Providing and fixing stainless steel tower bolts (Barrel type) with				Total	11.00	nos	85.00	935.00
		necessary stainless steel screws				_	evet-			
8	8.14	Providing and fixing Stainless steel "D" shape door handles	-			Total	10.00	nos	57.50	575.00
		10mm dia rod with necessary stainless steel screws etc.			(. e)					
		8.141.2 150 mm		77		Total	6.00	nos	49.50	297.00
9	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:						1103	70.00	237.0
Ì		8.58.1 125x85x5.50 mm (Heavy	-	-1		Total	0.00		045.00	
0	8.143	Providing and fixing stainless steel hanging door stopper with necessary stainless steel screws complete.		3		Iolai	8.00	nos	245.00	1960.0
İ	1	Single		-		Total	6.00	The state of	47.00	200.0
	14.22	Painting on new work (two or more coats) to give an even		E 18		rotal	0.00	nos	47.00	282.0
	2	Premium synthetic enamel paint	6	1.50	1.20		10.80	1		
			5	1.00	1.20		6.00			
			2	3.00	2.40	6	14.40			
I		I II I				Total	31.20	sqm	47.00	1466.4
The state of the s	4	Providing and fixing flush door shutters, core of block board construction with frame of first class hard wood and well matched first			- 4	· 6				
		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								
F		.14.1 40 mm. thick (single leaf)	5	1.00		2.1	10.50	sqm	2034.00	21357.0
r		(c.i.g.c ioui)	Ť							
1				0/1					- 13-0	

							-			<b>建筑</b>
	1									
1	9 8.1	mad PVC door shutters of specified thickness made of styles and rails of a UPVC hollow section of								
		specified size 59x24 mm and wall thickness 2 mm ± 0.2 mm with inbuilt edging onboth sides. The styles and rails mitred and joined at the corners by means of M.S. galvanised/ plastic	53	V						
		brackets of size 75x220 mm having wallthickness 1.0 mm			-		*		1	-
	-	2 8.149.1 24 mm thick door	2	0.80	2.10	MPER CIES	3.36			
16	9.	2 Structural steel work riveted or				Total	3.36	sqm	2399.00	8060.64
		bolted or welded in built-up sections,trusses and frames work upto a height of 5m above			T <u>o</u>	<b>X</b> II	200.00	kg	66.00	13200.00
		plinth level, includingcutting, hoisting, fixing in position and applying a priming coat of red oxidezinc chromate primer.							,	-
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					=			
		mechanically including aluminium cleats, neoprene weather stripping gasket			17				-	
		beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as								
		required aluminium sections	(14-11-a-				60.00		224.0	10000.00
37		For fixed portion For shutter of doors, windows &	-				60.00 48.00	kg kg		AND AND AND AND AND AND AND AND AND AND
	0.47.2	ventilators including providing and making provision for fixing of fitting wherever required including the								
38	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/		37						
		neoprene gasket etc. complete. (Cost of aluminium snap beading shall								
ŀ		be paid in basic item): With float glass panes of 6 mm thickness	6	1.50	1.20		10.80			
l					15 (15)	Tota	10.80	sqm	804.0	8683.2

square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.		J				
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]

18.76   Providing and fixing on well face   VIV stabilized Unplasticised   Rigid PVC pipes (Single socketed) having 3.2mm wall thickness conforming to IS: 13592 (48g/sqcm) including required couplers, jointing with seal ring conforming to IS: 5882   175 mm dia pipe.			PART - C -SANITAION WORK		A_A;			01-2010]			
2 110 mm dia pipe. 1 20.00 20.00 meter 267.00 5340.00 2 18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan ),100mm sand cast Iron P or S trap, 10 fitre low level P.V.C. flushing cistem (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including 3 White Orissa pattern W.C. pan of size 580x440 mm  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 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:  1 Coloured Size 550x450 mm  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  1 Tee/ Tee with door/ Bend 45°/ 2110 mm  5 400 500 500 500 600 600 600 600 600 600 6	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								
2   18.1   Providing and fixing water closet squatting pan (Indian type W.C. pan ),100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including   3   White Orissa pattern W.C. pan of size \$50x440 mm   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   2   each   1605.00   3210.0     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:   1   Coloured Size 550x450 mm   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   1   Tee/ Tee with door/ Bend 45°/ Pand One   154.00   924.0   3   Vent covel				1	20.00			20.00	metre	182.00	3640.00
squatting pain (Indian type W.C. pain ),100mm sand cast Iron P or S Irap, 10 litre low level P.V.C. flushing cistem (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including 3 White Orissa pattern W.C. pain of size 580x440 mm  18.4 Providing and fixing vitreous china water closet (European type W.C. pain) with white ISI marked plastic seat and lid, 10 litre low 2  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:  1 Coloured Size 550x450 mm  1 R.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  1 Tee/ Tee with door/ Bend 45°/ Rand One 154.00 924.0  3 Vent covel				1	20.00			20.00	metre	267.00	5340.00
3 White Orissa pattern W.C. pan of size 580x440 mm  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  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:  1 Coloured Size 550x450 mm  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  1 Tee/ Tee with door/ Bend 45°/ Band 00°  175 mm  5.00 each 113.00 565.0  2 110 mm  6.00 each 154.00 924.0	2	18.	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					1	each	2899.00	2899.00
china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low  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:  1 Coloured Size 550x450 mm  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  1 Tee/ Tee with door/ Bend 45°/ Band one  2 110 mm  5 0.00 each 113.00 565.0		3	White Orissa pattern W.C. pan			197				-	
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:  1 Coloured Size 550x450 mm  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  1 Tee/ Tee with door/ Bend 45°/ Rand 00°  1 75 mm  5.00 each 113.00 565.00  2 110 mm  6.00 each 154.00 924.00		18.4	china water closet (European type W.C. pan) with white ISI marked					1	each	4415.00	4415.00
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  1 Tee/ Tee with door/ Bend 45°/ Road one 175 mm 5.00 each 113.00 565.0 2 110 mm 6.00 each 154.00 924.0	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					2	each	1605.00	3210.00
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  1 Tee/ Tee with door/ Bend 45°/ Rand 00° 175 mm 5.00 each 113.00 565.00 2 110 mm 6.00 each 154.00 924.00		1	Coloured Size 550x450 mm		111					11118	
1 Tee/ Tee with door/ Bend 45°/ 1 75 mm 5.00 each 113.00 565.0 2 110 mm 6.00 each 154.00 924.0	6	18.77	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						× 1		
1 75 mm 5.00 each 113.00 565.00 each 154.00 924.00		1	Tee/ Tee with door/ Bend 45°/		<i>1011</i>			SEE .			7: I I
2 110 mm 6.00 each 154.00 924.0  3 Vent covel		1	75 mm	-5,500			-/V/19/5	5.00	each	113.00	565.00
			Security Security						0.0000000000000000000000000000000000000		
1 75 mm 6.00 each 34.00 204.0		3	Vent covel				*				5.00
	Γ	1	75 mm	$\dashv$			10	6.00	each	34.00	204.00

1								
67	Na mi trap 110x75mm				6.00	each	90.50	543.00
19.4	Providing and fixing Chlorinated							
	1 15 mm nominal outer dia .Pipes.				58.00	metre	440.00	0000 00
7	25 mm nominal outer dia .Pipes.		 			metre	110.00	6380.00
	32 mm nominal outer dia .Pipes.		 				199.00	3980.00
	outer dia .i ipes.				22.00	metre	271.00	5962.00
19.13	Providing and fixing 15 mm							
*	Bib cock (250 grams)				6.00	each	185.00	1110.00
19.14	Providing and fixing 15 mm nominal bore C.P. brass fittings							
1	Stop cock (concealed) (600 grams				4.00	each	494.00	1976.00
	4 Piller Cock (400 grams)				2.00	each	398.00	796.00
	Long nose bib cock (500 grams)				2.00	each	455.00	910.00
	Two way bib cock (800 grams)			1	2.00	each	708.00	1416.00
	St				2.00	each	269.00	538.0
	Shower rose (revolving type) (15				2.00	each	338.00	676.0
	Towel rail (600mm long x 20mm CP brass water jet to be fixed in	dia)		1	1.00	each	577.00	577.0
11 11	seat cover of WC with flexible				6.00	Soob	51.00	306.0
19.1	5 Providing and fixing stainless steel drain jali of approved				6.00	each	51.00	300.0
19.1	6 Providing and fixing brass/ gun metal gate valve with C.I. wheel							
	of approved quality (screwed				0.00		426.00	872.0
	1 25 mm nominal bore					each		1020.0
	2 32 mm nominal bore.				Washington and the same of the	each		8712.0
19.5	Constructing masonry Chamber 60x60x75 cm, iriside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165		14.7		2.00	each	4336.00	0712.0
	mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside							
8.	13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS: 2556, and other							
	2 Flat back half stall urinal of size 460x380x250mm				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 7.30	7300.00
---	--------------------	---------

Say Rs.=

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

## OF TICE 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-0

S. N.	SOR Ref.	ITEM DESCRIPTION	NO	L	В	D/H		W			
1		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				·	QTY	UNI		RATE	AMOUNT
	1	Short Point	20					20 Pc	oint	240.00	4800.00
T	2	Medium Point	20					20 P	oint	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	ı			2	2.00 P	Point	87.00	174.
		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		-	19	50.00	Metre		
F		3 X 4 sq. mm in 25mm conduit	3	30.00			(	90.00	Metre	145.	00 1305

20						v.				
		St. ply, Installation, Testing and Com. Scioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS: 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase								
1	3	AC Supply, including								
		Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as per specification. P.F. should		li s			4 5	Each	2662.00	10648.00
5	C 1F	450 mm sweep	2		TP I		6	EACH	3976.00	23856.00
		Supplying, installation, testing and commissioning of following LED fitting (luminaries) Panel Light in round/ square shape complete with electronic driver heat sink capacitor and all other accessories on surface/ in false ceiling etc. as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens/watt.								
		A LOUIS MOVED TO THE RESERVE TO THE	12					) Each	588.00	7056.00
	8.22.6 5.1	15 Watt	12			A PLANT	12.00	Each	679.00	8148.0
6	_ ,	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per Fan regulator Electronic, step							130.00	
		type moving all round Ceiling rose 3 pin 5 amps					4.00	Each	<u> </u>	520.00
	5 1 15	Batten/ angle holder	4			32.0	4.00	Each		128.00
	0,0	Dattern angle Holder	4	83		15-	4.00	Each	38.00	152.00

19.1	Pre iding and fixing following						T	
1	rating and breaking capacity		ĵ.		1			
	MCCB in existing cubicle panel	1						***
							1	
	board including drilling holes in	1	8	1			1	
	cubicle panel, making	1						1
	connections, etc. as per	1	- {	3		*	1 1	1
	specification, IS/ IEC: 60947-2	i	1	1	1	1	1	
	and lcs = 100 % lcu.	1			- 1		1 - 1	
11.17.2	3 pole MCCB, 25-63A, Fixed					2 22 - 1	No.	4440.00
	Thermal Release, 10KA	3		ŀ	1	3.00 Each	1483.00	4449.00
19.17	Supplying and fixing PVC water				n==n:er.250			
i	tight terminal box of approved		l		1			
	make and brand with detachable						1	1
ķ.	gland plate in bottom, hinged				1		n x g	
Ė	front openable cover, rubber						1 1	1
	gasket, having 1 Nos 4way				- 1		1	
	connector and 1 No SPMCB		-		0	1		1
	inside the box for cable				İ	1	1	100
	connection, fixed to pole with 2			I	1		1 1	
	Nos clamp made from 25x3mm	183						
	GI flat with 2 No GI nuts bolts		- 1					
	complete as per specification.				_	1.00 eac	h 989.00	989.00
	300x200x125 mm for 3 phase					1.00   cao	.,	505.00
	Earth work in all type soil except						1	40
	soft rock / hard rock with all lead			8	8		1 1	
	and 1.5 metre lift, dressing, stacking excavated strata	1	1.50	1.50	1.50	3.38 cur	n l	546.75
i	stacking excavated strata including refilling of excavated		1.50	1.00	1.00	0.00	ar Mg h	- and the
								1
	soil in trench / pit to ground level						162.00	ı
	complete as per specification.  Earthing with G.I. earth pipe 4.5							
=	metre long, 40 mm dia including					عا رونسطى		
i								
11								
	masonry enclosure with cover					1.00 ea	ch	3243.00
2	plate having locking arrangement and watering pipe				19			
- A	etc. with charcoal and salt as				1 (1)			
SEAT OF	per specification and IS Code							
. // /	3043: 1987(R 2016)						3243.00	
	Earthing with G.I. earth plate				77.78	No.		
	600 mm X 600 mm X 6 mm			1	- 107	25/	j	
	thick including accessories, and				1.46	THE R. P.	10	1
ģ	providing masonry enclosure					36 C		
	with cover plate having locking					1.00 ea	ach	3734.0
	arrangement and watering pipe,			1				
	with charcoal and salt as per				1,166		4	1
Y.	specification and IS Code 3043:						<b>\$</b>	
	1987(R 2016)						3734.0	0

12 × 7 34. WIII	1	20.00	 20.00 We	(b)TOTAL =	
2 x 4 sq. Mm	- 1	20.00	20.00 Met	tre 175.00	3500.00
sizes additional one number, FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power 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,			20.00 Mg	tra 175.00	3500.00

### 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

Schedule of rates public works department[PWD BUILDING-01-01-2015]

Sc	neau	le of rates public works departn	nent[PW	D BUILDII	NG-01-0	1-2015]				4
	SOF Ref	DESCRIPTION	NO	L	В	D/H	QTY	UNIT	RATE	AMOUNT
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		* .		3				
		In all types of soil					10			
		nala	1	4.00	3.00	1.80	21.60			
	i V		1	25.00	0.60	0.80	12.00			
_		<u>.</u>				Total=	33.60	Cum	185.00	6216
2	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming		6			ഖ		*	* ;
-			1	4.00	3.00	0.10	1.20			
İ			1	25.00	0.60	0.10	1.50			
1	8					Total=	2.700	Cum	371.00	1001.7
5		Providing and fixing formwork including centering, shuttering, strutting, staging, propping Foundations, footings, base					5			· &
		of columns and plinth beam			1		2			
			2	3.60		0.15	1.08			
ı			2	2.40		0.15	0.72			
				•		Total=	1.80	Sqn	139.00	250.20
		Wall of any thickness including attached pilasters,								
l	Ī		4	3.60	Vi di	1.80	25.92	2		
	Ī		6	2.40	10	1.80	25.92			
						Total=	51.84	Sqn	228.00	11819.52
Γ	7	suspended floor roofs	1	3.60	2.40	THE PARTY	8.64	1		
			-			Total=	8.64	Sqn	235.00	2030.40
5		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			
1	1	e e	1	25.00	0.40	0.10	1.00	1		

Ĭ	E	5-1	का
	у		-

	d laulan manifest				Total=	2.200	Cum	2659.00	5849.8
量	Providing and laying nominal							2000.00	0043.0
	mix reinforced cement concrete with crushed stone	- 1	1		1	13			1
1	concrete will clusted stone	ı	1						
L	aggregate using concrete	_							
1	coarse sand : 3 graded	1	- 1						
1	stone aggregate 20mm		- 1			8			313
-	raft	1	3.60	2.40	0.15	1.20			
1	wall	2	3.60	0.20	1.80	1.30 2.59			
7		3		4	255223		_		
	slab	3	2.40	0.20	1.80	2.59	_		
	Sido	-4	3.60	2.40	0.15	1.30	_	4163.00	32371.488
1 2	12) Providing and places in				Total=	7.78	Cum	4163.00	323/1.400
3.	12 Providing and placing in position reinforcement for								
1	R.C.C. work including		- 1		į.				
l	straightening, cutting,								
1	bending, binding etc.				į.		1		
1	complete as per drawings						1		
	including cost of binding wire						-		
l	1 Thermo-Mechanically treated bars FE 415	65		7.78	Total=	505.44	Ke	54.50	27546.48
							-	-	
	Providing and fixing on wall	1	1				1		
	face or under floor UV		ä						
	stabilized	- 1					1		
	Unplasticised Rigid PVC	1		11			1		u
+	pipes (single socketed) 150 mm dia pipe.	$\rightarrow$				25.	0 r	n 440.00	11000.00
+	150 mm dia pipe.		· ·			10-15-an - 1-10-au			
0	1.9 Extra rate for lead for every	-							
٧	50m lead or part thereof and							1	i
1	upto 150 m beyond 50 m	1		Į.	1				1
1	free lead and 1.5 m free lift	- 1						1	
	1 For Soils(Extra lead 150 m)			Ŷ.		13.60	0 Cu	m 99.00	1346.4
1 1	.17 Filling from available			ā					
7	excavated stuff (Excluding)	1						I STATE OF	VALUE NO.
	rock) in trenches, plinth,	1		1		20.00	00 Cu	m 65.00	1300.0
	sides of foundation etc. in	l							136 F 144
ĺ	layers not exceeding 20cm	1							
	in depth consolidating each							_1	
1								TOTAL :	= 100731.99

## 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				8				
		likes- rectangular or square in								
			15	1.20		2.90	52.2			
1	-1					Total	52.20	sqm	297.00	15503.40
	7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves								
Ī		slab	1	79.80	1.00		79.80			
Ī			2	13.10	0.13	1	3.41			
Ī			2	5.90	0.13		1.53			
Γ		chajja	3	2.40	0.60		4.32			
			-			Total	89.06	sqm	235.00	20929.10
Ī	8	Beams, lintels, cantilevers &								ě
		lintel beam vertical	4	13.10		0.20	10.48			
Ī			2	9.70		0.20	3.88		4= <del>0-3</del>	
		GUERA	4	4.00		0.20	3.20			
		EXPLOSE.	4	3.40		0.20	2.72			Yi .
			8	1.80		0.20	2.88			
			4	5.90		0.20	4.72	<del>                                     </del>		
		slab beam vertical	4	13.10		0.30	15.72			
			2	9.70		0.30	5.82	1		
		2 24	4	4.00		0.30	4.80			
			4	3.40		0.30	4.08			
-			8	1.80		0.20	2.88	T de la companya de l	VIII TO THE	
			4	5.90		0.30	7.08	1		
_						Total	68.26	sqm	202.00	13788.52
		Stair cases of all types excluding spiral and folded plate type, including risers and			ï					
			2	2.40	1.20		5.76	3		
			22	1.20	0.15	T STATE	3.96	ò		
			2	7.20	1.20	1	17.28		PERSONAL PROPERTY.	

32 Provid and laying nominal				Total	27.00	sam	230.00	6210.00
mix reinforced cement concrete		9					200.00	0210.00
with crushed stone aggregate				1			- 1	
using concrete mixer in all	1							
works upto plinth level	1			1	i		-	
1 1:11/2:3 (1 cement : 11/2 coarse								
sand : 3 graded stone			1					
aggregate 20mm nominal size).	1		1					
column up to lintel	10	0.30	0.20	- 45				
lintel beam	2	13.10	0.30	2.40	2.16			
	1	9.70	0.20	0.20	1.05			
	1,000		0.20	0.20	0.39			
	2	4.00	0.20	0.20	0.32			
	2	3.40	0.20	0.20	0.27			
	4	1.80	0.20	0.20	0.29			
chajja	2	5.90	0.20	0.20	0.47			
S. Call	2	13.10	0.20	0.30	1.57			
	1	9.70	0.20	0.30	0.58			
	10	0.30	0.30	0.90	0.81			
slab beam vertical	2	4.00	0.20	0.30	0.48			*
	2	3.40	0.20	0.30	0.41			
horizontal	4	1.80	0.20	0.20	0.29			
	2	5.90	0.20	0.30	0.71			
slab	1	75.79	1.00	0.13	9.47			
stair waist slab	2	7.45	1.10	0.15	2.46			
landing	22	1.50 2.40	0.30 1.50	0.15	1.49 1.08			
:	1	4.00	2.40	0.13	-1.20			
MUMTY	4	0.30	0.30	2.80	1.01			
	1	16.60	0.20	0.20	0.66			
				Total	24.77		4163.00	103097.
3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per				12				
drawings including cost of								
1 Thermo-Mechanically treated								
	100	24.77			2476.53	_		
				Total	2476.53	kg	54.50	134970.
7.6 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in	-	in the				A)F		
	2	11.00	0.20	2.90	12.76			
	2	5.90	0.20	2.90	6.84			
M 1	3	3.40	0.20	2.90	5.92			
	2	3.40	0.10	2.90	1.97			
	3	1.80	0.10	2.90	1.57			
	1	2.40	0.20	2.90	1.39			
	-3	1.00	0.20	2.10	-1.26			
	-3	1.50	0.20	1.20	-1.08			7 11
NAC	1	16.60	0.20	2.80	9.30			-
				Total	37.41	Cum	3263.00	122055.

		TOEXL for brick work in								
	1	super sicture above plints level for every floor or par thereof in addition to rate for 2.12 Providing and laying vitrified	h			:= 1	. 0.00	Cum	121	
	12	floor tiles with soluble sal printing, of size 600x600mm with wate absorption less than 0.5% and conforming to IS: 15622 of approved make, laid on 20mm thick cement mortal 1:4 (1 cement: 4 coarse sand including grouting the joints with white cement and matching pigments etc.  1 Size 600x600mm							-5	
		- Cize Gooxoodinm								
			1	12.50	3.60		45.00	110 E9ADX (0.55		
1			1	4.00	2.40		9.60			
1:	3 12	.7 Providing and fixing ceramic				Total	54.60	sqm	963.00	52579.80
		glazed wall tiles conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including					2			
		2 Size above 200x300mm		7.14		34C				
			2	2.80		1.50	8.40			
			6	1.80		1.50	16.20			
			4	1.80	V	1.50	10.80			
N							711-70			
		1				Total	35.40	sqm	646.00	22868.40
14	12.9	Providing and laying ceramic glazed floor tiles conforming to IS: 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement: 4 coarse sand) including pointing the joints		1.00	4.00	1.80				
Γ	1.	Size above 300x300mm	1.00	1.00	3.40	1.40	3.40			THE RESIDENCE
Ī			1.00	1.00	1.90	1.80		1		198
				ğ 10		Total	12.50	sqm	728.00	9100.00
15	-34	15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey		E .	7/			P		
	. • 1	cement slurry including rubbing and				Alberta S				

Ţ

1		paint of required (plastic)	1				529.92	sqm	44.50	23581.44
/	<u></u>	1 On new work (Two or more	_				1		1	- Secure Colored
1	7 14.13	Painting exterior surface with		-						
1	1	ACRYLIC SMOOTH exterior	1		- 1					
1	Í	required shade	1		- 1		100			
		manufacturer's specifications to	l		- 1					1
	12	give protective and	- 1							4
		decorative finish :	- 1		- 1					1
-		Icleaning washing of aut				1	Y	1		
- 1		On new work (Two or more	$\dashv$							
		CALL TO SELECT STREET	-							W
26	8.138	Providing and fixing stainless	$\dashv$				144.54	sqm	56.00	8094.24
		sieer door latch with 12mm and 1			- 1	1	1			
		2.5mm			- 1		1	1	1	
Į		thick flap, necessary stainless	1		1			1		1
Ī	2	steel screws etc complete								
Ī			-				5.00			
			-			Total	5.00		85.00	425.00
27	8.139	Providing and fixing stainless			-	1 Otal	3.00	nos	00.00	425.00
İ		steel tower bolts (Barrel type)				1				
1		with			1	- 1				
1		necessary stainless steel								
28		150 x10mm				Total	5.00	nos	57.50	287.50
20	0.141	Providing and fixing Stainless steel "D" shape door handles	1		- 1			1		
- 1		made of	1	1		1				
1		10mm dia rod with necessary	-		1				I	
1		stainless steel screws etc	- 1	1						
		8.141.2 150 mm			f	Total	3.00	поѕ	49.50	148.50
29	8.58	Providing and fixing bright								
		finished brass butt hinges with			1		~			
- 1		brass polished			- 1				5	
-		MS screws complete:	-+		+	Total	4.00		245.00	000.00
30	0 142	8.58.1 125x85x5.50 mm				rotal	4.00	nos	245.00	980.00
الاد		Providing and fixing stainless steel hanging door stopper with		- 1	1		*	i 1		
1	*	necessary		1					- C. T. C.	DE MALV
		stainless steel screws					3100	100		
H		Single	1		131	Total	3.00	nos	47.00	141.00
35		Painting on new work (two or		1	711	8.8	= +2 <u>+</u> × ++0		# Will	
1		more coats) to give an even			1		T)			1087
	2	Premium synthetic enamel	6	1.50	1.20		10.80	-		المراجعات
			5	1.00	1.20		6.00	_		
			2	3.00	2.40	an III	14.40	-		California .
	1				1000	Total	31.20	sqm	47.00	1466.4

Like										
	1	14/h. viding and fixing flush door								
	8.	shue s, core of block board					-			
	11	construction		0 11	l					
		th from of F			ł	1	1	- 1	1	
1		with frame of first class hard			1			- 1		1
1	1	wood and well matched s-			ĺ	1			1	
11	1	Julass Huldi Jeak			i	i	1	8 i		
	I	ply veneering on one face and			Î					
- 1	1	commercial ply veneering on	1				i.	1		1
1 7	l	the other face						1		
1 1		Tailo ottici 1800			1			1		1
1 1		of the shutter with vertical			ŀ					
1 1		grains, cross bands and face	1						1	
1 1		14 1 40 mm # # 1							1	
1 }		.14.1 40 mm. thick (single leaf)	3	0.90		2.4	F 07			
1 1				0.00		2.1	5.67	sqm	2034.00	11532.78
39	8.149	D- ::								
1 33	0.148	I Trying fact.								
1 1		made PVC door shuttere as	4	3						
1 1		specified	- 1						i.	
1 1		thickness made of styles and	1				V	- 1		
1 1		rails of a LIDVO Law								1
1		rails of a UPVC hollow section	1						2	1
1 1		of specified size 59x24 mm and	1	Ĭ.				1	1	Ą
1 1		wall thickness 2 mm ± 0.2 mm	. 1		8			1		
1		with inbuilt edging onboth sides.	- 1	-			x e		ı	
		The styles and rails mitred and	- 1						l l	1
		joined at the corners by means	1							
		of MS golvenings	1	1					1	
1 1		of M.S. galvanised/ plastic	- 1	1				8		
1 1		brackets of size 75x220 mm	- 1	1						
		having wallthickness 1.0 mm	- 1	i						
	2	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	1744							
		bolted or welded in built-up	- 1	i		1			4	
1		sections,trusses and frames		1					13	
			- 1	1						
		work upto a height of 5m above			-		200.00	ka	66.00	12200.00
		plinth level, includingcutting,		1			200.00	kg	00.00	13200.00
		hoisting, fixing in position and		V.					380	
		applying a priming coat of red		1			:			ĺ
		oxidezinc chromate primer.								1
36	9.47	Providing and fixing aluminium						_		
1 30	3.47		- 1				Acres de la la la la la la la la la la la la la			
		work for doors, windows,	- 1	1					Action Address	THE RESIDENCE OF
1	i	ventilators and partitions made					- 1	A STATE	The state of the state of	
1 1	9	out of extruded aluminium		1			1 2 1	145		
1 1		standard sections (mainsection	1	- 1						
			1	1			7.27	1		
9			- 1	- 1						100
1		thickness) conforming to IS:	1	1		C	6		1	- 350
		733, IS: 1285mitred and jointed	1							4
	1	mechanically including	1			UNE SE		I		
		aluminium cleats, neoprene	i		7.4	7/60	9			
1		N 122 CO CO CO CO CO CO CO CO CO CO CO CO CO	- 1	Ì			60	i		
		weather stripping gasket	- 1	Į		Mar .	8 11 5	k		
	l	beveled edge beading, screws	1	I			7.4	1	1	
3		duly fixed in wall/	1	1	- 27		AL.	ke l		
1		floor with fixing clips or hold		1	15	Transport of		1	1	277
	_ 1	factorers or balls of fiold		1	/ 1	TEL H	10	1		187
		fasteners or bolts and nuts as	1	1	(3)		3	1	ž.	(2)
		required aluminium sections					1		- 1g -	
	9.47.1	For fixed portion				T. E. J. W.	36.00	kg	331.00	11916.00
						OF THE OWNER OF THE OWNER, WHEN	The second second of the second second	170		1.000 ATV 0.00 AV 0.00 AV

								TOTAL=	779568.84
1	SS Grade 204					25.00	kg	467.00	110/5.00
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, balcony or other places with metal fasteners and stainless steel bolts etc complete.	3						407.00	11675.00
					Total	5.40	sqm	804.00	4341.60
	aluminium snap beading shall be paid in basic item): With float glass panes of 6 mm thickness	3	1.50	1.20		5.40			
П	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of								
941-	renuter of doors, windows & vent tors including providing and making provision for fixing of fitting wherever required including the		·	SI.		30.00	kg	338.00	10140.00

## 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	opari	memilev	AD BOIL	DING-01	-01-2015]			
1	16.76	Froviding 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.	1	20.00			20.00	metre	182.00	3640.00
_		110 mm dia pipe.	1	20.00			20.00		267.00	5340.00
2		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					2	each	2899.00	5798.00
	98	White Orissa pattern W.C. pan of size 580x440 mm			0					
	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				a)		1 each		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
İ	1	Coloured Size 550x450 mm								
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		v			*			
	1	Tee/ Tee with door/ Bend 45°/				(0)				
	1	75 mm	_			T file	<b>5</b> .	00 ead	h 113.00	565.00
İ	2	110 mm				1 5	6.	.00 ea	h 154.00	924.0
t	3	Vent covel				- 45				
F	1	75 mm					6	.00 ea	ch 34.00	204.0

To F					61			-	
16 1	ani trap 110x75mm		T						
19.4 P	Providing and fixing Chlorinated		-			6.00	each	90.50	543.00
	F mm nominal								
3 2	6 mm pominal					25.00	metre	110.00	2750.00
4 33	2 mm nominal			1.00		25.00	metre	199.00	4975.00
.P	ripes.				- III	15.00	metre	271.00	4065.00
19.13 Pi	roviding and fixing 15 mm								
1 Bi	b cock (250 grams)		1			9.00	each	185.00	1665.00
19.14 Pr	roviding and fiving 45					0.00		100000000	MIN'S SCORASSE AN
nc	minal bore C.P. brass fittings					74			
lgr	ams		3			3.00	each	494.00	1482.00
4 Pi	ller Cock (400 grams)					3.00	each	398.00	1194.00
						3.00	each	455.00	1365.00
						3.00	each	708.00	2124.00
						2.00	each	269.00	538.00
Sł	nower rose (revolving type) (15	<u>(0mm</u>			-	2.00	each	338.00	676.00
Te	avel sail (600mm long v 20mm	dia)							
CI	brass water jet to be fixed	uia)				1.00	each	577.00	577.00
DI PARTI	Design and the contract of the			-		6.00	each	51.00	306.00
m	etal gate valve with C.I. wheel								8
		-+				2.00	each	436.00	872.00
11.0						2.00	each	510.00	1020.00
100	The second secon					500.00	litre	7.30	3650.00
ter po ISI sui	race (at all levels) lyethylene water storage tank marked with cover and table locking arrangement						i in	ĸ.	
for	inlet, outlet and overflow							TOTAL =	53503.00
	1 1 1 3 2 3 2 3 4 3 3 5 5 6 5 6 5 6 5 6 5 6 5 6 7 6 7 7 7 7 7	19.4 Providing and fixing Chlorinated 15 mm nominal outer dia 325 mm nominal outer dia 432 mm nominal outer dia Pipes. 19.13 Providing and fixing 15 mm 1 Bib cock (250 grams) 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings 6 Stop cock (concealed) (600 grams 4 Piller Cock (400 grams) Long nose bib cock (500 grams) Two way bib cock (800 grams)  Shower rose (revolving type) (150 grams) Towel rail (600mm long x 20mm CP brass water jet to be fixed in seat cover of WC with 19.15 Providing and fixing stainless steel drain jali of approved 19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed) 1 25 mm nominal bore 2 32 mm nominal bore. 19.42 Providing and placing on	19.4 Providing and fixing Chlorinated 1 15 mm nominal outer dia 3 25 mm nominal outer dia 4 32 mm nominal outer dia Pipes. 19.13 Providing and fixing 15 mm 1 Bib cock (250 grams)  19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings 6 Stop cock (concealed) (600 grams  4 Piller Cock (400 grams)  Long nose bib cock (500 grams)  Two way bib cock (800 grams)  Shower rose (revolving type) (150mm)  Towel rail (600mm long x 20mm dia) CP brass water jet to be fixed in seat cover of WC with 19.15 Providing and fixing stainless steel drain jali of approved 19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed) 1 25 mm nominal bore 2 32 mm nominal bore 2 32 mm nominal bore. 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes	19.4 Providing and fixing Chlorinated 1 15 mm nominal outer dia 25 mm nominal outer dia 4 32 mm nominal outer dia Pipes. 19.13 Providing and fixing 15 mm 1 Bib cock (250 grams) 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings 6 Stop cock (concealed) (600 grams) 4 Piller Cock (400 grams) Long nose bib cock (500 grams) Two way bib cock (800 grams)  Shower rose (revolving type) (150mm)  Towel rail (600mm long x 20mm dia) CP brass water jet to be fixed in seat cover of WC with 19.15 Providing and fixing stainless steel drain jali of approved 19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed) 1 25 mm nominal bore 2 32 mm nominal bore 2 32 mm nominal bore. 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes	19.4 Provising and fixing Chlorinated 15 mm nominal outer dia 3 25 mm nominal outer dia 4 32 mm nominal outer dia Pipes. 19.13 Providing and fixing 15 mm 1 Bib cock (250 grams)  19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings 6 Stop cock (concealed) (600 grams 4 Piller Cock (400 grams)  Long nose bib cock (500 grams)  Two way bib cock (800 grams)  Shower rose (revolving type) (150mm)  Towel rail (600mm long x 20mm dia) CP brass water jet to be fixed in seat cover of WC with 19.15 Providing and fixing stainless steel drain jali of approved 19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed) 1 25 mm nominal bore 2 32 mm nominal bore 2 32 mm nominal bore 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes	19.4 Providing and fixing Chlorinated 1 15 mm nominal outer dia 3 25 mm nominal outer dia 4 32 mm nominal outer dia Pipes. 19.13 Providing and fixing 15 mm 1 Bib cock (250 grams)  19.14 Providing and fixing 15, mm nominal bore C.P. brass fittings 6 Stop cock (concealed) (600 grams  4 Piller Cock (400 grams)  Long nose bib cock (500 grams)  Two way bib cock (800 grams)  Shower rose (revolving type) (150mm)  Towel rail (600mm long x 20mm dia) CP brass water jet to be fixed in seat cover of WC with 19.15 Providing and fixing stainless steel drain jali of approved 19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed) 1 25 mm nominal bore 2 32 mm nominal bore 1 9.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes	19.4 Provicing and fixing Chlorinated 1 15 mm nominal outer dia 25.00 4 32 mm nominal outer dia 25.00 19.13 Providing and fixing 15 mm 1 Bib cock (250 grams) 19.14 Providing and fixing 15, mm 1 nominal bore C.P. brass fittings 6 Stop cock (concealed) (600 grams 4 Piller Cock (400 grams) 2.00 2.00 2.00 2.00 3.00 3.00 3.00 3.00	19.4 Providing and fixing Chlorinated   15 mm nominal outer dia   25.00 metre   15 mm nominal outer dia   25.00 metre   15.00	19.4 Provicing and fixing Chlorinated 1 15 mm nominal outer dia 3 25 mm nominal outer dia 4 32 mm nominal outer dia 4 32 mm nominal outer dia 4 32 mm nominal outer dia Pipes. 15.00 metre 199.00 Pipes. 15.00 metre 271.00 15.00 each 494.00 15.00 each 398.00 15.00 each 398.00 15.00 each 398.00 15.00 each 455.00 15.00 each 708.00 15.00 each 269.00 15.00 each 269.00 15.00 each 269.00 15.00 each 577.00 15

Say Rs.=

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

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

Name of work :-Internal Electrification

3 X 4 sq. mm in 25mm conduit

S. N.	SOR Ref.	ITEM DESCRIPTION	NO	ment[PI	ND ELE	CTRICAL	01-06-2020	) PART	r- B	
1	1.1	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		L	В	D/H	QTY	UNIT	RATE	AMOUNT
Ì	1	Short Point	15				15	Point	240.00	3600.00
		Medium Point	9					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	5 <b>%</b> :			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)					*			
	4.13.2	3 X 2.5 sq. mm in 20mm	3	30.00			90.0	Metre	111.00	9990

15.00

	14	6.1 Su V Installation, Testing a	ndl			=						(4 520)
		sweep, BEE 5 star rates ceiling fan with Brush Le Direct Current (BLDC) Moto class of insulation: B, 3 not blades, 30 cm long down rod, nos. canopies, shackle k safety rope, copper windin Power Factor not less than 0. Service Value (CMM/V minimum 6.85, Air delive minimum 215 CMM, 350 RP (tolerance as per IS: 37/2019), THD less than 10% remote or electronic regulate unit for speed control and a remaining accessorie including safety pin, nut bolts washers, temperature rise=7 degree C (max.), insulatio resistance more than 2 med	om ed, ed, ss or, es. 2 sit, 9, V) FY M4- 6, or 18: 18: 18: 18: 18: 18: 18: 18: 18: 18:					10				
	+	ohm, suitable for 230 V, 50 Hz										-
		Supplying, installation, testin		3		77-1-1		_	3	Each	2662.00	7986.00
		and commissioning of following sizes heavy duty (continuou running) 1400 rpm exhaust fai	g s n						91 (40)		×	3
		in existing opening in wa including earthing etc. complete as per specification. P.F.			All .	N.						e
E	5 61	450 mm sweep	3		4		_		6	EACH	3976.00	23856.00
	0.1	5 Supplying, installation, testing and commissioning of following LED fitting (luminaries) Panel Light in round/ square shape complete							÷			
		with electronic driver heat sink capacitor and all other accessories on surface/ in false										
	Q 22 E	ceiling etc. as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio ≥										
4		12 Watt	12		_		I		12.00	Each	588.00	7056.00
+	0.22.0	6 Watt	10					-	10.00	Each	679.00	6790.00
	5.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per	6						6.00	Each	490.00	2940.00
L	5.1.12	Fan regulator Electronic, step type moving all round	3						3.00	Each	130.00	390.00
15	5.1.13	Ceiling rose 3 pin 5 amps	3				1717		3.00	Each	32.00	96.00
15	5.7.15	Batten/ angle holder	3		_			protein A	100 market / 100 /			30.00

	Thermal Release, 10KA					)TOTAL =	77350.00
11.17.	23 pole MCCB, 25-63A, Fixed	3		3.00	Each	1483.00	4449.00
79.1	Productions and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu.	<b>*</b> **					