

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

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

सर्वमंगला नगर जोन

फा.क्र. / 836, 837 एवं 824 / निर्माण (सर्वमंगला नगर जोन) / 2024 /

कोरबा दिनांक 06.12.2024

द्वितीय निविदा आमंत्रण सूचना

नगर पालिक निगम कोरबा द्वारा लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 एवं PWD Electrical SOR 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्युल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्यों हेतु मैन्युअल निविदा वेबसाईट से डाउनलोड कर मुहरबंद—लिफाफा पद्धित के माध्यम से निविदा आमंत्रित की जाती है :-

1. निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने अंतिम तिथि

27.12.2024 सायंकाल 3:00 बजे तक

2. निविदा खुलने की तिथि

27.12.2024 सायंकाल 4:30 बजे से.......

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रू में	निविदा प्रपत्र का मूल्य	निविदा प्रपत्र	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड क्र. 57 अंतर्गत कपाटमुड़ा में स्थित शा. प्रा. शाला भवन में नवीन स्कूल भवन का निर्माण कार्य। (जिला खनिज संस्थान न्यास मद)	15,40,000/-	11,600/-	750/-	Form-A	04 माह	सक्षम श्रेणी	27.12.2024 से
2	वार्ड क्र. 57 अंतर्गत भैरोताल में स्थित शा. मा. शाला में नवीन स्कूल भवन सह शौचालय निर्माण कार्य। (जिला खनिज संस्थान न्यास मद)	16,58,200/-	12,500/-	750/-	Form-A	04 माह	सक्षम श्रेणी	27.12.2024 से
3	वार्ड क्र 54 बरमपुर में कुऑं के पास मंच निर्माण कार्य। (अधोसंरचना मद 7 करोड़)	5,00,000/-	5,000/-	750/-	Form-A	02 माह	सक्षम श्रेणी	27.12.2024 से

निविदा की शर्ते:-

- निविदा दरें प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत् दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
- 2. निविदा के दस्तावेज हाथो—हाथ न लिया जाकर रिजस्टर्ड पोस्ट अथवा स्पीड पोस्ट से प्राप्त किया जावेगा। अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक इत्यादि से प्राप्त अथवा समयाविध के पश्चात् प्राप्त निविदाओं पर विचार नहीं किया जावेगा। निविदा आयुक्त, नगर पालिक निगम, कोरबा आई.टी.आई. कॉलोनी रामपुर, कोसाबाड़ी जिला—कोरबा (छ.ग.) पिन नं.—495677 के पते पर भेजना होगा। निर्धारित तिथि को साय 3:00 के पश्चात् प्राप्त निविदाएँ स्वीकार नहीं किए जावेंगे।
- 3. निविदा प्रपत्र नगर पालिक निगम, कोरबा के वेबसाईट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपत्र Form A/B/ABC (जारी दिनॉक तक समस्त संशोधनों के साथ) निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।
- 4. निविदा प्रपत्र मुहरबंद-लिफाफा पद्धति से मान्य किया जावेगा जो निम्नानुसार होगाः-
 - (अ) प्रथम लिफाफा में ठेकेदार का जीवित पंजीयन प्रमाण पत्र, आयकर चुकता प्रमाण पत्र, निविदा सूचना आमंत्रण में उल्लेखित अन्य दस्तावेज के साथ निविदा सूचना जारी होने के पश्चात् दिनॉक का निर्धारित निविदा प्रपत्र शुल्क का डीडी, शपथ पत्र राशि रू. 100/— के नान ज्यूडिशियल स्टाम्प पेपर पर जिसमें संबंधित कार्य का नाम एवं कार्य की निविदा क. अंकित हो निविदाओं में निविदाकार को फिजिकल दस्तावेज के साथ प्रेषित करना अनिवार्य होगा एवं अमानत राशि का टी.डी.आर./एफ.डी.आर. नगद निगम कोष में जमा कर जो कि आयुक्त, नगर पालिक निगम कोरबा के नाम पर देय होगा प्रस्तुत करना होगा।
 - (ब) द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपन्न होगा।
 - (स) तृतीय लिफाफा में उपरोक्त दोनो लिफाफाएँ होगी तथा आवश्यकता पड़ने पर मूल अभिलेख प्रस्तुत करना होगा।

कमशः02

- 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।
- निविदा प्रपन्न प्राप्त करने हेतु इच्छुक ठेकेदारों को आवेदन पत्र के साथ उचित वर्ग में पूंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो ानावदा प्रपत्र प्राप्त करन हुए इच्छुप उपर्यारा पर्रा जायदन पत्र पर साथ जायत वर्ग म पंजायन का प्रमाणित प्रातालिप यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार की किए गए कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकरी पिछले वित्तीय वर्ष का आय चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. पंजीयन, शपथ पत्र (मूल प्रति) एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि संगठन, कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण सूचना (एनआईटी) हस्ताक्षरयुक्त एवं निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कंडिका क्र. 04 के लिफाफा (अ) में प्रस्तुत करना अनिवार्य
- कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना कमॉक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना होगा।
- निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लेवें ताकि प्रारंभ करने में किसी प्रकार की कठिनाई न हो। निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग माना जावेगा। 8.
- निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शुल्क, अमानत राशि, निविदा आमंत्रण सूचना पत्र में उल्लेखित दस्तावेज सही पाए जाने पर ही 9. निविदा दर संबंधी लिफाफा खोला जावेगा अन्यथा निविदा निरस्त कर दी जावेगी।

11. ठेकेदार को अपनी दरें शब्दों एवं अंकों में लिखना अनिवार्य होगा।

12. शासन के विभिन्न विभागों जैसे:— खिजन विभाग, श्रम विभाग, समाज कल्याण विभाग इत्यादि विभागों द्वारा समय—समय पर जारी निर्देशों / आदेशों के पालन की समस्त जिम्मेदारी संबंधित ठेकेदार की होगी।

13. ठेकेदार यदि कार्य को अपूर्ण स्थिति में छोड़ता है, तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान के अंतर्गत कार्यवाही

की जावेगी।

नोट:-

- 14. कार्य प्रारंभ नहीं करने अथवा अपूर्ण स्थिति में छोड़ने पर निगम द्वारा ठेकेदार के विरूद्ध तत् समय में एम.आई.सी. द्वारा स्वीकृत प्रस्ताव के अधीन कार्यवाही की जोवेगी जिसकी संपूर्ण जवाबदारी ठेकेदार की होगी।
- 15. सफल निविदा दाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी जबकि निविदा की दरों में काफी कमी हो जैसे निविदादाता को निविदा दर एवं अनुमानित लागत से 10 प्रतिशत से अधिक निविदा दर होने प्र सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ. डी.आर. /टी.डी.आर. ऑफिस टाईम डिपॉजिट अथवा एन.एस.सी.जो कि आयुक्त न्गर पालिक निगम कोरबा के नाम से देय होगा, जो मांग् तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी
- 16. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रिनंग देयकों के साथ 01 वर्ष हेतु साथ ही मरम्मत एवं संघारण प्रवृत्ति के कार्यों को छोड़कर शेष कार्यों से 5 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस सिक्यूरिटी के रूप में रोकी जावेगी। सुरक्षा राशि एवं परफार्मेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्यपूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने की तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुँगतान किया जायेगा।
- 17. 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।
- 18. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का विवरण राशि सहित राशि रू. 100/— के नॉन ज्यूडिशियल स्टाम्प पेपर पर निष्पादित शपथ पत्र निविदा दस्तावेजों के साथ संलग्न करना अनिवार्य होगा।
- ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- निविदा प्रपत्र अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
- 21. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त के द्वारा अधीनस्थ अधिकारियों का निर्णय अंतिम एवं सर्वमान्य होगा।
- 22. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि रू. 10.00 लाख या उससे अधिक है उनको प्रत्येक कार्य हेतु पृथक से छ.ग. भवन और सन्निर्माण कर्मकार मंडल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक का भुगतान किया जाना समय नहीं
- कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
- ठेकेदार को निर्माण कार्य के दौरान ''निर्माण एवं अपशिष्ट प्रबंधन नियम 2016'' में किए गए प्रावधानों का पालन करना अनिवार्य होगा।
- निविदा प्रपत्र Form—। के क्लॉज नम्बर 11 अनुसार एस्केलेशन देय नहीं होगा।
- निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार आयुक्त, नगर पालिक निगम के पास सुरक्षित रहेगा।
- निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी।
- 28. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान बजट आबंटन और राशि उपलब्ध होने पर किया जावेगा।
 - अमानत राशि के रूप में एफ.डी.आर. /टी.डी.आर. अथवा नगद जमा रसीद पृथक से लिफाफे में स्वीकार किए जावेंगे आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो।

 उपरोक्त तिथियों में किसी भी तिथि को शासकीय/स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्धारित तिथि समय एवं स्थान माना जावे।

प्रतिलिपि :- प्रोग्रामर संचालनालय, नगरीय प्रशासन एवं विकास विभाग, नवा रायपुर छ.ग. को www. uad.cg.gov.in में अपलोड किये जाने हेतु प्रेषित।

(ठेकेदार के हस्ताक्षर)

नाम ______ पूर्ण पता _____ मोबाईल नं.— _____ कार्यपालन अभियंता नगर पालिक निगम कोरबा (छ.ग.)

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

Na e of Work - Dismantling of primary school kapatmuda ward no 57

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

As p	per Sor - Schedule of Rates Public Wo	rks D	epartmen	[PWD	BUILDING	01-01-201)		
Sno		N		В	H/D	Qty	Unit	Rato	Amount
1	16.42 Demolishing R C C work including stacking of steel bars and disposal of unserviceable material within 50 metre lead	1							
		12	0.20	0.40	4.20	4.03			
		1	98.20	0.20	0.30	5.89			
		2	98.20	0.20	0.20	3.93			
		1	19,50	7.50	0.12	17.55			
		1	19.50	0.60	0.10	1 17			
		1			Total	32.57	Cum	768.00	25015.30
	16.45 Extra for scrapping cleaning and straitening reinforcement obtained on demolishing of R.C.C. or R.B. work	1	3582.92			3582.92	kg	2.10	7524.13
3	16.3 Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.								
	16.3.3 In cement mortar	1	96.5	0.2	4.8	92.64	+		
		1	55.1	0.2	0.8	8 816			
\neg				 	Total	101.456	Cum	263.00	26682.93
a	16.26 Dismantling doors chowkhats with hutters (steel or wood) including irchitrave, hold fast etc. complete and tacking within 50 metres lead.	9				9	Each	100.00	900.00
w	6.27 Dismantling windows chowkhats ith shutters (steel or wood) including chitrave, hold fast etc. complete and acking within 50 metres lead.	6				6	Each	66.50	399.00
se an bo inc	5.31 Dismantling steel work in built-up ction in angles, channels, flats Isection of T-section including all gusset plates, ellis, nuts, cutting rivets, welding etc., cluding dismembering and stacking thin 50 metres lead.	1	2	2.4	30	144	kg	1.00	144 00
lint wir	38 Taking out stone/ concrete/wooden tels from building masonry of doors andows or any other opening for tkness upto 15 cm.	4	20			80	Metre	73.00	5840.00
	6 Carriage by mechanical transport to 5 km lead								

	1.26.3 Dismantled Building debris (Mulba)	1	134.03		134.03	cum	91_50	12263.56
Sur Sur Sur	(Widiba)			As per SOR	Total Esti	mato Ar	nount Rs.	78768.92

Sub Engineer Municipal Corporation Korba (C.G.)

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

DETAILED ESTIMATE

Name of Work: Construction of New School Building at Primary school kapatmuda ward no.57

As per Sor : Schedule of Rates Public Works Department [PWD DUILDING 01-01-2010 & PWD Chrolical 01-08-2020]

Sno.	er Sor ~ Schedule of Rates Public Works Department (PW	-	A CONTRACTOR OF THE PARTY OF TH	Commence of the Control of the Contr	H/D	aly	Unit	Rato	Amount
Sno.	TI LIN DESCRIPTION	N	and the same of th	D	11/0	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	The second secon		
	Surface dressing of the ground including removing vegetation and making up undulations and in-								
1	equalities not exceeding 15 cms in depth/height								
	including disposal of rubbish upto 1.5 m lift and lead		!						
	upto 50m (at least 5m away from the dressed area)			, and the second second	- CARNOCKA CHARLES	150.000	-		
		1	15	10		-		7.7	1080
					Total	150.000	Sqm	, , ,	1000
	Excavation for all types and sizes of foundations,								
	trenches and drains or for any other purpose								
2	including disposal of excavated stuff upto 1 5 m lift			1	1				
	and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of				ĺ				1.
	pits								
	In all types of soils.(Foundation)	17	1.50	1 50	1.50	57,38		-	
	Excavation below wall	1	69.10	0.50	1.50	51.83			
	Dead Foundation	»17	1,50	0 30	1.50	-11.48		 	
	Step	1	3,00	0 00	0.10	0.27	<u> </u>		
	Platform	1	1.10	0.30	0.10	0.03	ļ	-	
\neg	ramp	1	4.00	0.30	0.10	0.12	ļ		40457.00
					Total	98.15	cum	185.00	18157.38
	Providing and filling in plinth with sand/ Crusher								
- 1	dust and hard moorum under floor in layers not			İ				ł	
:	exceeding 20cm in depth consolidating each								All the
	deposited layer by ramming and watering, including				_				4
	dressing etc. complete.	17	1.50	1 50	0.15	5,74		-	
-		1	69.10	0.50	0.15	5.18			
-	Excavation below wall	1	3.00	0.90	0.15	0.41			A TR
-	Step	1	1.10	0 30	0.15	0.05			
_	Platform	1	4.00	0.30	1000	0.18	S.		
-	ramp	2	6.00	4.50	of the Parks of the	8.10			
\dashv	Class	2	2.90	2.90	Carried States and Control of the Co	2,52			
-	Office	417	9.10	1.80	CARRIES TO A CONTROL OF THE PARTY	2.46		7	
_	Verandah		5.10	11.00	Total	24.63	cum	371.00	9139.40
		100 B			, 0.01	2-1,03	3 353 343	1	
	Filling from available excavated stuff (Excluding		4-1		de jugidistra	Y Washington			
	rock) in trenches, plinth, sides of foundation etc. in			11	30			1	
4	layers not exceeding 20cm in depth consolidating			LAFE Y					法 人是不同
	each deposited layer by ramming and watering with	37						05.00	5103.70
	a lead upto 50 M. and lift upto 1.5 M.		98.15	Water.	0.80	78.52	cum	65.00	3103.70

bno	TEM SO										
- Latercape	Providing filling and compacting local earth (from	anima anama	N STATE OF THE PARTY OF THE PAR	L	13	11/0	0 0	ly	Uni	t Rat	• Amour
	The state of the s			ANT LANGE CO. L. MAN							
A Service	The remaining each deposited layer by	"									
- No.	and watering, including dressing etc				1						_
-	CONTALE								1	-	
-	Class	Calling of amongoon	Ž menina Ž	6 00	4 50		0.70	37.80			
	Office	kilito ilikuwan	1	2 90	2 90		0.70	5.89			
	Verandah	MINE O SHIPMEN	Charleson of Control Control	annient general	-	County Hotel County County County		-			
- STOCK MAN SHAP	A Management of the Comment of the C	mandar I suffrencessor	T months	9.10	1.80	And the second	70	11.47			
-	Providing and Ludon construct	which suppose	Salveren and American Street			Total		55 15	Cum	242	.00 13347.0
	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using										
0	concrete mixer in all works upto plinth level			ı							ŀ
	excluding cost of form work			- 1							
	1/3:6(1 cement : 3 coarse sand : 6 graded stone						_				
	aggregate 40mm nominal size)										
		17	1 5	0	1 50	0 15	5 74	1			
	Excavation below wall	1	69.1	10	0 30	0.15	3.11				
	Step	1	3.0	0	0 00	0.15	0.41				
	Platform	1	1 10	_	0 30	0.15	0.05			+	
_	ramp	-						\rightarrow			-
_	Class	1	4 00		0.30	0.15	0.18			-	_
_		2	6.00		4.50	0.15	8.10			-	
	Office	1	2.00) 2	2.90	0.15	1.26				
	Verandah	1	9,10) 2	2 00	0.15	3.96				
						Total	22.80		cum	2970.0	67720.46
							1				
r 1	Providing and fixing form work including centring,	1									
	shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for							1		1	
_	Foundations, footings, bases of columns plinth		-	\dashv	\dashv	,	+-	-			
	beam, curtain wall in any shape and size and all	1						- 1		1	
t	type of wall below plinth level.										
F	Foundations	17x4	1.40			0.30	28.56				
		17x4	0.80			0.20	10.88				
c	column upto plinth level	17x2	0.20			1.20	8.16				
	(22)	17x2	0 30			1.20	12.24				
P	olinth beam	2	69 10	e 25		0.30	41.46				
				7 3	19 50		101.3	0	sqm	139.00	14080.70
	Columns, Pillars, Piers and likes- rectangular or										
5	quare In shape			+	- -		-				
_ -		17x2	0.20	-		4.20	28,56				
_		17x2	0.30			4.20	42.84			369	
	The state of the s						71.40		sqm	297.00	21205 80
	The same Annual and the same an				1						
	uspended floors, roofs, access platform, balconies							-1	ng -	a _ 38 e S	
	olain surfaces) and shelves (cast in situ) all	SVA II	40.00	-	_			400		Capada, mad	E LOS
In	d II	1 3	13.20	7.0			92.40	aties Com		Este William	
1 K		2	3.20	3.2	0		10.24			100 de 19 (g) 10	Į =
							102.64		rdw	235 00	24120.40
W	/eather shade, chhajja, Cornices and mouldings				4 1997	120	Valida.	New II			

Br:	ITEM DESCRIPTION									
_	THE PLOCKIPTION	_ _'	V	L	B	Н	D Qty	Uı	nit Ra	te Amoun
A		- -	3 1	50	0.7	5	9.00			
THE REAL PROPERTY.	Fig. 17th		7	70	0.7	5	5.78			
C	The least will						14.78	80	ım 294	00 4343.85
	lintel beam									30 1040.85
_	slab beam	2	_	.10		0.2				
		- 2	69	10	↓	0.2				
	Providing and laying nominal mix reinforced comen					-	138.20	so	m 202	00 27916.4
	concrete with crushed stone aggregate using	1								
8	concrete mixer in all works upto plinth level		1			1				
	excluding cost of form work.	1								1.4,5
_	11/2/	4.1			_					-4 10 10 mg
	1 11/3 (1 cement 11/4 coarse sand 3 graded stone									
-	aggregate 20mm nominal size)					ļ				1 1
	Footing	17	1.4	0	1.40	0.30	10.00		1	1
		17	0.8	0	0.80	0.25	2.72			
	Column upto plinth Beam	17	0.2	0	0.30	1.20	1.22			
	plinth beam	+	-	_				+	_	
-		1	69.1	-	0.20	0.30				
_	COLUMN upto lintel level	17	0.20	0	0.30	2 10	2.14			1
	lintel beam	1	69.1	0	0.25	0.25	4.32		1	
	COLUMN upto Slab	17	0.20	5	0.30	1.20	1.22			
	slab	1	13.2	<u>, </u>	8 60	0.12	13.62	+		
_		-	-	-+	-		2.05			
		1	5.50	-+	3.10	0.12				-
	T- Beam	2	4.90	1	0.20	0.50	0.98			
		1	3.30		0.20	0.50	0.33			
	Chhajja	8	1.50		0 75	0.10	0.90			
		1	7 70	1	0.75	0.10	0.58	1		
		1	1 10	-	0.60	0.20	0.13	+	10	
			-	-	-			-		1
		1	10.71	15	3.60	0.08	7.37			
							51.73	cum	4163.00	215340.0
	Providing and placing in position reinforcement for									0
	R. C.C. work including straightening, cutting,		1	1						
	bending, binding etc. complete as per drawings	F-1								
	including cost of binding wire in foundation and							1	l	1
	plinth all complete			L	_					
4	Thermo-Mechanically treated bars FE 415		90kg	/cun	1	11	4655.44	kg	54.50	253721.57
	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class							l		
	designation 4.0 in foundation and plinth in						Market .	İ		
	S C SAMODS &	10.3		生态		A MANAGE	Landing.			
-	Cement Mortar 1:6 (1 cement 6 coarse sand) Brick work Below Plinth Level	1	69 10	10	30	0.90	18.66	1		
-	B/w upto Lintel level	1	69.10		20	2.10	29.02	THE THEFT		Kalifornia Maria
_	B/w upto Lintel Slab	+	69.10		20	1.20	16.58	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	in Zolovica in	WE SHAPE TO
_	Step	1	3.00		90	0.20	0.54	- 100	o Programme	4,534,546,5
7	The state of the s	1	3.00	-	60	0.20	0.36	28 H 2		Komet.
		1	3.00	0,	30	0.20	0.18			
I	Platform	1度	1.10	0.3	20	0.60	0.13		· · · · · · · · · · · · · · · · · · ·	
1	amp	1	4.00	0.2	20	0.90	0.72			
4,	Part for health and the	1 0	Service Co.	Sp. /	_		66.20	Cum	3263.00	215994.29
	Extra for brick work in superstructure above plinth evel for every floor or part thereof in addition to		100	\$4.000 \$600 \$1000		V.5			Wist.	
	ate for foundation and plinth.			1.4		elsky				
1.					8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	aw. and	45.61	Cum	121.00	5518.33

Sno	D. ITEM DESCRIPTION									
	12.13 Providing and laying vitrified floor tiles with souble charge/ multi charge printing with water	+	N L	-	В	H/D	Qty	Unit	Rate	Amount
No.	lausorption less than 0.5% and conforming to IS						-			
12	622 of approved make in all colours and shades								l	
-	and thick cement mortar 1:4 (1 cement 4 coarse						1			
	sand) including grouting the Joints with white	·								
	cement and matching pigments etc. complete									
	12.13.1 Size 600x600mm	-	_	-		-				
	Class	2	6.0	0	4.50		54.00			1
	Office	2	29	0	2.90		16.82			
	Total Skirting Length	1				0.15	13.38			
_	Ded Opening Length	-1	7 0	9		0.15	-1.05 83.15	com	1151.00	95705.6
_	Providing and fixing steel door/ window with M.S.	-	-	\dashv			83.13	sqm	1131.00	93703.0
	sheet 1mm thick, frame of angle iron, diagonal							İ		
3	braces of angle/ flat Iron of suitable size, 3.00 mm	1					1			
_	M.S. gusset plates at junctions and corners, all	1	1							-
	necessary fittings complete including applying a priming coat of red oxide zinc chromate primer						1			1
_	Door	 	1	4	40	001 - 1	252.00			
\neg	Window	8	1 00		20	30kg/sqr	n 252.00 497.00	 	-	-
	ventilation	8	0.60		50	30kg/sqr		 		
1	ramp handle	1	1.00	_	.00		55.00			
4	D					total	864.00	kg	75.00	64800.0
	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and	l					1			
	praced with flat Iron diagonals 20x5mm size with									
	op and bottom rails of T-iron 40x40x6mm with				- 1			İ	i.	
	8mm steel pulleys complete with bolts, nuts,	1	2.60			2.10	5.46	sqm	3330.00	18181.8
lo	ocking arrangement stoppers, handles including								3 =	
	pplying a priming coat of red oxide zinc chromate									
<u> </u>	rimer roviding and making 12mm thick cement plaster of		<u> </u>	+	-					
	ix:			1						
	Cement Mortar 1.5 (1 cement : 5 fine sand)								-	
	ner plaster class room (6 + 4.5)	2x2	10.50			3.30	138.60			
_	FFICE (2.9+2.9) FRANDAH (1.8+9.1)	2X2	5.80	\bot	4	3.30	76.56	_		
IVE	:RANDAH (1.8+9.1)	1X2	10 90	+	-	3.30	71.94			
11	.3 Providing and making 15mm thick cement		- contact	a you.		Total	287 10	sqm	96.50	27705.15
pla	aster on the rough side of single or half brick wall mix	100 P								
ln	Cement Mortar 1.5 (1 cement 5 fine sand)		The state of	3000	23		Av. i.			
out	ter plaster	2	12.60		31 X	4.00	100.80	had go and come	Vietness and Co.	Lagraga
_	200 miles	2	11.10	1.2		4.00	88.80			evining as we
	WEREAW ALL TO THE RESERVE AND				F 8	Total	189.60	Sqm	113.00	04.04.00
۲ro	oviding and applying 2mm thick ready mix		1		1	- P. C. C. C. C. C. C. C. C. C. C. C. C. C.		CONTRACTOR	113.00	21424.80
CAT/	erior grade approved make putty (like Birla wall									
Ner	e, Alltek Superfine W/R of (NCL), Asian, ICI, colac, JK wall pulty) on walls to make the							* 1/41 * 1. 3 M/287		
surf	face smooth and even.									
	lling Class					Part I				
mc	ce	2	6.00	4.5	1.0		54.00			
nne	r plaster class	2	2.90	2.9			13.05	La Sa Jak	有别时间	
		1	287.10	MARKET STATE	18 300	its what you are	287.10	- The state of		

Sno	IVEN PROPERTY.								
	Outer plaster	N	L	В	H/D	Qty	Unit	Rate	Amount
_	See Awaret	1	189.60			189.60			
The state of the s				1	total	543 75	sqm	94.50	51384.38
18	pain. I required shade to give an even shade)							
	On new work (two or more coats)	1	353.892	+-	1	353.89	Sam	52.50	18579.33
	Painting exterior surface with ACRYLIC SMOOTH		333.072	+-		333,03	- 54.11	32.30	10379.33
10	exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc complete with								
	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	1	189 60			189 60	Sqm	56.00	10617.60
20	14.22 Painting on new work (two or more coats) to give an even shade with								,
	Satin synthetic enamel paint	2	7.00	1.50	1 20	25.20		529.20	
		2	4.00	1 10	2 10	18.48		162.62	
		1	2.80		2.10	5.88		16.46	
-		11	0.60		0.50	3.30		21.78	
						52.86	Sqm	55.00	2907.30
	14.41 Lettering with black Japan paint, per cm	1200			2.50	3000.00	per letter	0.70	2100.00
21	1.26 Carriage by mechanical transport upto 5 km lead:								
\perp	1.26.1 Earth	1.00	8.10			8.10	Cum	111.00	899.10
		enamel paint 2 7.00 1.50 1.20 25.20 529.20 2 4.00 1.10 2.10 18.48 162.62 1 2.80 2.10 5.88 16.46 11 0.60 0.50 3.30 21.78 52.86 Sqm 55.00 290 g with black Japan paint, per cm 1200 2.50 3000.00 per letter 0.70 210 by mechanical transport upto 5 km							

Sub Engineer
Municipal Corporation
Korba (C.G.)

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

Sub :- Internal Electrification Work In Primary school kapatmuda at ward 57

As per Sor - Schedule of Rates Public Works Department [PWD Electrical 01-08-2020]

		As per Sor - Schedule of Rates Public Works Departme	THE TOTAL	-iocurcai (71-00-2	020]
S N o	Ref no	Item of Work	Unit	Rato	Qty	Amount
1	1 10	WIRING IN CONCEALED PVC conduit Wiring for light plug point with 3x2 5 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G I box, earthing the switch box and socket outlet with same size wire etc. as per specification and IS 694 (2010), IS 9537 (2000 Part 5)				
	1 10.1	Short Point	Point	442.00	16	7072
	1 10 2	Medium Point	Point	659 00	8	5272
	1 10 3	Long Point	Point	922.00	6	5532
2	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 Part 5)				= 1/2
-	1 13 1	3 X 1 5 sq. mm in 20mm conduit	Metre	92.00	25	2300
1	1 13 2	3 X 2.5 sq. mm in 20mm conduit	Metre	111 00	25	2775
3 5	51	SWITCHES & ACCESSORIES Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification				440
		Ceiling rose 3 pin 5 amps	Each	32.00	14	448
4 5	.4	Batten/ angle holder Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification	Each	38.00	10	380
5 5	ľ	Fan regulator (one module size) electronic stepped type moving all rounds	Each	186 00	8	1488
6	F	FANS, LUMINARIES AND LAMPS				
6 6	fo s ir	Supplying, installation, testing and commissioning of collowing sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with the SEE Star rating from 3 star and above, IS: 374:2019	o inch	Con Is		
	in	ncluding all amendments.		turragere.		

S.	S Ref. r	ltem of Work	Unit	Rate	Qty	Amount
	7 6.17	Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as per specification and P F should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.				
	6 17 5	12 Watt	Each	215 00	10	2150
8		Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection earthing etc complete as per specification and IP20, P F should be greater than 0.9 LED chip efficacy ratio ≥ 100 lumens /watt.		442.00	12	5245
_	6.193	18/20 watt {4 feet}	Each	443 00	12	5316
9	6.28	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P F should be greater than 0.9 LED chip efficacy ratio ≥ 120 lumens /watt.				
	6.28.7	60 watt	Each	3622.00	2	7244
10	9 4	Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as per specification. (But without MCB/RCCB/Isolator)				
	941	4 way Single door	Each	1317 00	1	1317
	9 12	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				
11	9.12.2	6 amps to 32 amps	Each	411.00	14	575
1	12	EARTHING				
2		Earthing with G.I earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as per specification and S Code 3043: 1987(R 2016)	Set	3734 00		373
	r	Providing and fixing 6 SWG dia G.I wire on surface or in ecess for loop earthing along with existing surface/concealed conduit/ submain wiring/ cable as per	Metre	19.00		79
3	s	pecification.			4:	

S.R.	Ref no	Item of Work	Unit	Rate	Qty	Amount
		Supplying and hanging following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1 1 KV grade on GI bearer wire (binded at every metre) including cost of bearer wire complete as per specification, IS 1554 (1988, Part 1) / IS. 7098 (1988, Part 1)			,	
	I =	20110 011	Metre	103 00	39	
	15.113	2 x 10 sq mm on 8 SWG GI bearer wire As per SOR Total Estimate Amou	- t De	1		69173.00

Sub Engineer

Sub Engineer Municipal Corporation Korba (C.G.)

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

DETAILED ESTIMATE

Name of Work: Construction of New School Building at Primary school with bathroom Kapatmuda ward no.57

As per So. Schedule of Rates Public Works Department | PWD BUILDING 01-01-2015 & PWD Electifical 01-06-20201

1	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the bath septic tank	N		L	В	H/D	Qty	Unit	Rate	Amount
1	removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the bath									
1	and in-equalities not exceeding 15 cms in depth/height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the bath							I	1	1
	height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the bath									
	lift and lead upto 50m (at least 5m away from the bath							ļ		
	bath						ļ			
	centic tank		1	4.00	3.00		12.00	_	-	-
	SCOUL THIN		_	3.00	3.00		9.00		-	-
			1	3.00	3.00				 	
	Exercision for all turner and since of females		+			Total	21.00	Sqm	7.20	151.20
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose									
12 1	Including disposal of excavated stuff upto 1.5 m							1		
	lift and lead upto 50m (at least 5m away from						1			-
	the excavated area), including dressing and									1
	leveling of pits									1
\rightarrow	In all types of soils.(Foundation)		+					+		
	bath	4	+	1.20	1.20	1.20	6.91			
	septic tank	1	+	2.50	1.80	1.80	8.10			
	-		╅	2,00	1,00	Total	15.01	cum	185.00	2777.22
\Box	Providing and filling in plinth with sand/ Crusher		\top		-		1	T		
	dust and hard moorum under floor in layers not				1			1		
	exceeding 20cm in depth consolidating each		1				1			
	deposited layer by ramming and watering,		1	l	1		1			2
	including dressing etc. complete.						İ			
	bath	4	T	1.20	1.20	0.08	0.46			
1.	wall long	2		3.00	0.30	0.08	0.14			
:	short wall	2	T	2.00	0.30	0.08	0.10			
-	septic tank	1	\top	2 50	1.80	0.08	0.36			
			\dagger			Total	1.06		074.00	200.50
	Filling from available excavated stuff (Excluding		╁			Total	1.06	cum	371.00	393.56
	rock) In trenches, plinth, sides of foundation etc.									
	n layers not exceeding 20cm in depth									
4 I	consolidating each deposited layer by ramming				l					
	and watering with a lead upto 50 M. and lift						1			
	upto 1.5 M.	1 1	-	15.01		0.80	12.01	cum	65.00	780.62
						-			00,00	100,02
\neg										
F	Providing and laying nominal mix plain cement						1			
6 6	concrete with crushed stone aggregate using		100					1 1		
	concrete mixer in all works upto plinth level							1 1		
	excluding cost of form work.						The state	ivoja od		
	L3:6(1 cement . 3 coarse sand : 6 graded stone				4 38 1		e de la company		Sac .	
;	aggregate 40mm nominal size).		400							
!	oath	4		1.20	1.20	0.08	0.46			
\	wall long	2		3.00	0.40	0.08	0.19	1 mais	Tought - N	A Committee of the comm
9	short wall	2	200	2.00	0.40	0.08	0.13	1 10 1 10 1 10 10		LOSSES COMPANY
	eptic tank	1100			1.80	0.08	0.36	production of		
		A Block			32 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total	1.14	cum	2970 00	200 18

Sno	ITEM DESCRIPTION	T			1 1100	To			
Si	Providing and fixing form work including	N	<u> </u>	В	HVD	Qty	Unit	Rate	Amount
12	centring, shuttering, strutting, staging,	l							1
	pping bracing etc. complete and including								
	its: oval at all levels, for								
	Foundations, footings, bases of columns plinth		-					-	
A	beam, curtain wall in any shape and size and all			1					
	type of wall below plinth level.	ł		1			İ		
	bath	16	1 20		0.20	3.84	_	-	-
	5441	4	1 00	-	0.85			-	
	p:Inth beam	4	3.00	_	0.30				
-	p,inti ocaiii	4		_	0.30		+	+	
-		4	2 00		0.50	13.24	sqm	139.00	1840.38
-	Columns, Pillars, Piers and likes- rectangular or		 			13,24	Sqiii	133.00	1040.50
В	square in shape				1		1	1	1
-	bath	8	0.00		3.00	4.80	+	 	+
-	Datii		0 20		3.00	7.20		+	
-		8	0 30		3.00	7,20	+	+	
-			-	+	-	12.00	sqm	297 00	3564.00
-	Suspended floors south assessment		-			12,00	3qiii	237 00	0304.00
c	Suspended floors, roofs, access platform,			1					
۲	balconies (plain surfaces) and shelves (cast in situ)		1	1	1	1			1
-						1.20	+		-
-	plinth beam bath	2	3.00	0.20		0.80	-		
-	-1-1		2.00	0.20			+		
-	slab		3.00	2.00		6.00	-		
-	septic tank	1	2.50	1.80		4.50		225.00	2937 50
-	Washington to the Head			-		12.50	sqm	235.00	2937.50
D	Weather shade, chhajja, Cornices and					1			
-	mouldings					_	-		
-			0.00	1075		10.22			
_		1	0.30	0 75		0.23	-		
						0.23	com	294.00	66.15
-	Boome Untale anntilevers & walls				******	0.23	sqm	254.00	00.15
E	Beams, lintels, cantilevers & walls lintel beam bath	2	3.00		0.20	1.20	-		
H	lintel beam bath	2	2.00	 	0.20	0.80			
H	slab beam	2	3.00	 	0.30	1.80			
\vdash	siao beam	2	2.00	-	0.30	1.20			
\vdash			2.00	-	0.50	5.00	sgm	202.00	1010.00
-	Providing and laying nominal mix reinforced			-		13.00	Sqiii	202.00	10 10:00
	cement concrete with crushed stone aggregate	1							**************************************
	using concrete mixer in all works upto plinth			ĺ					71
	level excluding cost of form work.	6							
1 1	level excitating cost of John Work	1							
\vdash	1 11/2:3 (1 cement 11/2 coarse sand 3 graded			-		+	 		
	stone aggregate 20mm nominal size)	- 1							
_	col bath	4	1 00	1.00	0.20	0.80			
 	LOI DELII	4	0.20	0.30	0.85	0.20			
\vdash		4	0.20	0.30	3.00	0.72	-		
 	lintel	2	3 00	0.20					
	HINCI				0.20	0.24			
\vdash	Joh han	2	1 80	0.20	0.20	0.14	Miles E. A.	17 2 2 1 2 2 m	多点的自己的数据
	slab beam	2	3 00	0.20	0.30	0.36		Medical Confession	
$\vdash \vdash$	1-1-	2	1 80	0.20	0.30	0.22		William But	
	slab	1	3.60	2.30	0,12	0.99	Net Serve	\$10 Ter 78	BELTEN BLEN
1	septic tank	1	3.00	2.00	0.12	0.72	10.79		

no	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
	Providing and placing in position reinforcement								
ing.	or E.C. work including straightening, cutting,							l	
7000	ding, binding etc. complete as per drawings								
400	incluses cost of binding wire in foundation			1			1 1		
	and plinth all complete								
- 1			80kg/c			351.81	kg	54.50	19173.54
	Thermo-Mechanically treated bars FE 415		bukgru	-					
1	7.5 Brick work with modular fly-ash lime								
10	bricks (FaLG Bricks) confirming to IS 12894-								•
	2002 of class designation 4.0 in foundation and						-		
\neg	Cement Mortar 1 6 (1 cement 6 coarse sand)			1 1					
						2.60	-		_
\neg	bath	2	3.00	0.20	3.00	3.60			
		2	1 80	0.20	3.00	2.16	+		_ = =
		1	1 00	0 10	2 10	0.21	+		
_		1	1 00	0 10	2 10	0.21 2.16	+-		
	septic tank	2	3.00	0.20	1 80	1.44	+		
		2	2 00	0.20	1 80	1.44	+		
	deduction				0.40	-1.01	-		
	door	3	0.80	0.20	2 10	-0.50	+		
		1	1 20	0.20	2.10	-0.04	+		
	v	2	0 30	0.20	0.30	8.23	Cum	3263.00	26861 02
				\vdash		0.23			
	Extra for brick work in superstructure above					1	-		
11	plinth level for every floor or part thereof in					8.23	Cum	121.00	996.07
1	addition to rate for foundation and plinth					0.23	1 32		
	12 13 Providing and laying vitrified floor tiles								
1	with double charge/ multi charge								.=.,
	printing with water absorption less than 0.5%					ļ	İ		1
	and conforming to IS						1		To Prove
	15622 of approved make in all colours and					l		2	, ₍₂ -
12	shades and size mentioned			1 1			1		- T+
	below (+/- 10mm), laid on 20mm thick cement								- = - 4 =
	mortar 1.4 (1 cement 4			1 1					
	coarse sand) including grouting the Joints with			1 1				l	
	white cement and			1					
	matching pigments etc. complete								
	12.13.1 Size 600x600mm			1.00		77.50	+		-
1	Class	3	6.00	4.20		75.60	+		The Cart
-	Office	2	2.90	2 90		16.82			A STATE OF
L		2	18 00		0.15	5.40			TE
_	Total Skirting Length	6	4.20		0 15	3.78			
_		4	3.00		0.15	1.80			
1		4	3.00		0 15	1.80			
-	D. J. Cooping Longth	-1	7 00		0.15	-1.05			
-	Ded Opening Length				1.		sqm	1151 00	0.00
-	12.9 Providing and laying ceramic glazed floor						1		
1	tiles conforming to IS 15622 of approved size,						Sa Blue see	1	
١	make, colour, shade laid on 20 mm thick		1					5	200
١	Cement Mortar 1.4 (1 cement 4 coarse sand)								
	including pointing the joints with white cement	1							
	mixed with matching pigment etc., complete.		. Sup					10 M 10 M	Water States
-	12 9 1 Size 300x300mm	1	3.00	2.00	WEEK COMES TO	6.00	a le Maria	\$	9 _ 10 ,2-52
	114 3 1 2KE 2WX2WIIIII								4152.00

Sno	ITEM DESCRIPTION	N	L	B	H/D	Qty	Unit	Rate	Amount
1	12.7 Providing and fixing ceramic glazed wall								
1	les conforming to IS 15622 of approved		i					İ	1
	nake, colours, shades and size on wall and		ł				1	1	1
	dos over 12 mm thick bed of cement Mortar								
	(3) (2) ment 3 coarse sand) and jointing with			ı	1				
	rey cement slurry @ 3 3kg per sqm including			1	ì				1
P	pointing in white cement mixed with matching			1	1			1	
Р	sigment complete			1	1			1	
				1					
1:	2.7.1 Size upto 200x300mm	2	3 00		2 10	12.60			
		2	2 00		2 10	8.40			
		2	1 00		2.10	4.20			
		1	1 00		2.10	2,10			
de	eduction	3	0.80		2.10	-5.04			
		1	1 20	_	2.10	-2.52		1	
_		<u> </u>	120	+		19.74	sqm	587.00	11587 38
De	muiding and fiving steel door / window with			+	-	-			1
	roviding and fixing steel door/ window with								
	S. sheet 1mm thick, frame of angle iron,			1		1	1	1	1
12	agonal braces of angle/ flat iron of suitable							1	1
Siz	ze, 3.00 mm M.S. gusset plates at junctions					1	1	l	
	nd corners, all necessary fittings complete		1	1	1	1		1	
Ind	cluding applying a priming coat of red oxide			1				,	
Do	oor		1 00	2 10	30kg/sqm	0.00			
W	indow	0	1 50	1 20					
ve	ntilation	2	0 60	0 50	30kg/sqm	15.00			
_	mp handle		1 00	1 00		0.00			
bat		1	1 00	2 10	30kg/sqm	63.00			
Da	ui -	· ·	1 00		total	78.00	kg	75.00	5850 00
Des	oviding and making 12mm thick cement						1		
) I									i
	ster of mix: Cement Mortar 1.5 (1 cement 5 fine sand)						1		
_		2	3 00		0 70	4.20	1		
bat	in				0 70	2.80	-		
		2	2 00				 		
		1	0.80			0.56			
sept	tic tank	2	3.80			13.68			
		2	2 00			7,20			
7					Total	28.44	sqm	96.50	2744.48
113	Providing and making 15mm thick cement		1	_					
plas	ter on the rough side of single or half brick						1 1		1
	of mix						1 1		
	Cement Mortar 1 5 (1 cement 5 fine sand)								
-		2	3.00		3.00	18.00	1		
bath						12.00	1		
		2	2 00				 		
dedu	uction	1	1.20			-2.52			
septi	ic tank	2	3.80		0.30	2,28			
T		2	2 00		0.30	1.20			
					Total	30,96	Sqm	113.00	3498 48
Dear	riding and applying 2mm thick ready			-			4-11		3700,70
	exterior grade approved make putty (like						GT.		
	wall care, Alliek Superfine W/R of				i		多人是		Sec. like
	L), Asian, ICI, Nerolac, J K wall putty) on			1					
walls	to make the surface smooth and even.	1							
10000	placter along	-	20 44	alma di e	And Andrews		Marian Lati	Les de la constante de la cons	PERSONAL PROPERTY.
-	plaster class	1	28,44	Mac Si k	1995年	28.44			
outer	plaster	1 4	30.96		LANCE TO SERVICE STATE OF THE	30.96	200	o Day Bertrace	*************************************
1		1779-7 N	STATE OF THE PARTY OF	Estication to				The Same State	CO40 00
ı		1/22	13.5000000000000000000000000000000000000	asto.	total	59.40	\$qm	94.50	5613 30

an	ITEM DESCRIPTION Wall painting with acrylic luxury emulsion	N	L	В	HVD	Qty	Unit	Rate	Amount
	(plastic) paint of required shade to give an even								
(2)	new work (two or more coats)					28.44	Sqm	52.50	1493 1
•	Paints. 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. complete with								
	On new work (Two or more coats applied @ 1 43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2 20 kg/ 10	1	30.96			30.96	Sqm	56.00	1733.76
0	14 22 Painting on new work (two or more coats) to give an even shade with								
	Satin synthetic enamel paint	4	0.30		0.30	0.36	-	0.00	
						0.36	Sqm	55.00	19 80
	14 41 Lettering with black Japan paint, per cm	500			2 50	1250.00	per letter	0.70	875 00
21	1 26 Carriage by mechanical transport upto 5 km lead								
	1 26 1 Earth					4.50	Cum	111.00	499.90
	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 cistem (same colour) conforming to IS 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required								
_	18 1 1 White Long pattern W C pan of size					1.00			
						1.00	each	2459.00	2459.00
	18 13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS 2556, and other couplings in C.P. brass complete								
	18.13 I Flat back half stall urinal of size 460x380x250mm								
						2.00	each	1776.00	3552.00
	18.2 Providing and fixing vitreous china water closet squatting pan (Indian type) including cutting and making good the walls and floors wherever required								
	18.2.1 White Long pattern W.C. pan of size 580 mm					2.00			
_	Jao min					2.00	each	999.00	1998.00
	8.151 Providing and fixing factory made P V C door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at comers and joined with 2 Nos of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge. EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge.								

	ITEM DESCRIPTION		N	L	В	H	D Qty	Unit	Rate	Amount
Con .	pents tollet	1		1.20	2 10	1	2.52	3,111	1/4/6	Killouik
_	h spilet	2		0 80	2.10		3 36		 	
T				-		-	5 88		246.00	2024 40
7	3.152 Picking and fixing 30mm thick factory made				-			metre	346.00	2034.48
- 1	panel PVC door shutter consisting of frame made out						1			
ď	of MS tubes of 19 gauge thickness and size of				1		ľ			
- 1	19mm x 19mm for styles and 15x15mm for top & bottom rails M.S. frame shall have a coat of				1		1			
- 1:	deel primers of approved make and manufacture				1		ı			
- 11	M.S. frame covered with 5mm thick heat moulded									
ľ	PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm					1				
	shall be tapered in 45degree angle on either side					1			1	1
1	orming styles, and 5mm thick, 95mm wide PVC					1				
1	sheet out of which 75mm shall be flat and 20mm			4						N .
_	hall be tapered in 45 degree on the inner side to				-		1.00		<u> </u>	
_[`		1		0 90	2.00		1 80			
_ '	adies tollet	2		0 90	2 00		3 60			
\perp					1		5 40	sqm	2832.00	15292.80
13	8.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of									
5	dandard pattern, including painting of brackets.					1				1
c	cutting and making good the walls wherever required									
1	8.17.2 White Size 550x400 mm				 		3 00	-		<u> </u>
+					 		3 00	each	1408 00	4224.00
+1	8.76 Providing and fixing on wall face or under floor					 		CACII	1400.00	7227.00
ľ	IV stabilized Unplasticised Rigid PVC pipes (single						1			
	ocketed) having 3.2mm wall thickness conforming o IS 13592 (4kg/sqcm) including required couplers.				Ì		l			
	pinting with seal ring conforming to IS 5382 leaving				1		1			
	0 mm gap for thermal expansion etc complete									
+			-	20 5			20 50			
+			-				20.50		267.00	6453.50
11	3.77 Providing and fixing on wall face UV stabilized		\dashv					metre	267.00	5473.50
U	nplasticised - PVC moulded fittings/ accessories					4	1			
	aving 3.2mm wall thickness for Rigid PVC pipes onforming to IS 13592 (heavy) jointing with seal									-7 30
lut.	ng conforming to IS 5382 leaving 10 mm gap for		ı				1			1, 80
	ermal expansion									
18	.77.1 Too/ Toe with door/ Bend 45°/ Bend 90°		\dashv				1 00			
11	0 mm		十				1 00	each	15100	10100
1	3.77.3 Vent covel		\dashv				1 00	each	154.00	154,00
_	0 mm		\dashv				1 00			
18	.77.4 Access door cap		\dashv					each	44,00	44.00
111	0 mm		+				1.00	acat	50.00	FO 65
18	.77.6 Nahani trap 110x75mm		\dashv					each	59.00	59.00
T			+				2.00	100	00.75	
18	.77.5 °P° trap 110mmx110mm long	-	+				77662	each	90.00	180.00
\vdash			-				1 00			
18	78 Providing and fixing on wall face or under floor		-				1 00	each	227.00	227.00
S	stabilized Unplasticised Rigid PVC pipes (single)			±	100					2 01 1
SO In	cketed) having 3.2mm wall thickness conforming IS 13592 (4kg/sqcm) including required couplers.						# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		_	
1.3	nting with seal ring conforming to IS 5382 leaving								. I	
JOI			- 1	The second	Sint Sint		77.5	1 1		

ITEM DESCRIPTION 18.76.2, 110 mm dia pipe	N	L	В	H/D	Qty	Unit	Rate	Amount
tolled was	1	2.50	1.50		5 00			
long	1	1 50	1 00		3 50		_	
					8 50	metre	267.00	2269.50
20.6 Proging, lowering, laying, aligning fixing in position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sewer application as per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer								
20.6 1 100 mm dia	1	2 80	1.80	 	5 60	1		
		2 80	1.00		5 60		255.00	2040.60
20 45 Davidson and Silver In 1997					13.00	metre	366.00	2049.60
20 15 Providing and fixing in position precast R C C manhole cover and frame L D- 2.5 of required shape and approved quality								
20.15.1 Rectangular shape 600x450mm internal dimensions								
		1	1		1 00	each	1031.00	1031.00
19.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings I/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc.								
19.5.1 15 mm nominal outer dia .Pipes.		4	 	2 50	10 00	+		
			-		10 00	metre	133.00	1330.00
19.5.2 20 mm nominal outer dia Pipes.			+	-	-	metre	133.00	1550.00
13.5.2.20 mm normal outer dia a speci.			-	<u> </u>	-	-		-
					-	-		
		4		2 10	8 40			
					8.40	metre	167.00	1402.80
19.5.3 25 mm nominal outer dia. Pipes.						1		
		3	15		4 50			
		3	2.5		7 50			
1.1			+		12 00	metre	213.00	2556.00
19 13 Providing and fixing 15 mm nominal bore			+	-		- Inchie	215.00	2000.00
Brass bib/stop cock of approved quality								<u> </u>
19.13.2 Bib cock (350 grams)								
					2 00			
		-	138	i ilika				
			100	E E CALL	2 00	each	237.00	474.00
19.13.3 Stop cock (350 grams)			103		ž.		257.50	11.1100
			1,000		3 00		-	
		and the same			F		7430 5	
		. Stephin			3 00	each	237.00	711.00
19.15 Providing and fixing stainless steel drain jall of approved make/quality					2 00			
		tel my/market	N KK	-1865	2.00	each	51.00	102,00
18.25 Providing and fixing flexible P V C. waste pipe for sink or wash basin including P V C. waste fittings complete				aj mula		caul		
32 mm dia		ne province		The Control of the Co	-			
12 型型型型型	4,74	S MININ	至 上				- Amazara	数 at the Common

ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
,					1 00	each	68.50	68.50
18.10 Providing and fixing 15 mm nominal bore clicked PVC connection pipe with PTMT nuts and C bush of approved quality and colour								
18 10.2 45 CM length					_			
gents					3 00			
					3 00	each	66.50	199.50
19.42 Providing and placing on terrace polythene 1		1000 00			1000 00	litre	7 30	7300 00
water storage tank and the base support for tank		1000 00			1.000.00		, 50	750000
WIRING IN CONCEALED PVC conduit					-			
Wiring for light plug point with 3x2 5 sq mm FRLS PVC insulated stranded copper conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty thickness of pipe should be 2 mm) along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I box, earthing the switch box and socket outlet with same size wire etc.								
as per specification and IS. 694 (2010). IS.								
0507 (2000 Dad 5)			-	1 00	Point	Point	442.00	442.00
Short Point Medium Point				1 00	Point	Point	659.00	
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)								
3 X 1 5 sq. mm in 20mm conduit				3 00	Metre	Metre	92.00	276.00
3 X 2.5 sq mm in 20mm conduit				2 00	Metre	Metre	111 00	222.00
SWITCHES & ACCESSORIES						ļ		
Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as							e I	
per specification. Ceiling rose 3 pin 5 amps				2 00		Each	32.00	64 00
Batter/ angle holder				2 00		Each	38.00	76 00
Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as per specification and P F should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt.		- 27		2.00		Each	245.00	430 00
12 Watt			And Alexander	2 00	H	Each	215.00	430.00
Supplying, installation, testing and commissioning of following LED tube light fitting including batter with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling including connection, earthing etc complete as per specification and IP20. PF should be greater than 0.9 LED chip efficacy ratio ≥ 100 lumens								
hyatt	STATE OF A STATE		-	1.00		Each	443.00	443 00
18/20 watt {4 feet} Supplying and fixing DP MCB, 240 volts, 'C' curve suitable for lighting and other loads in the								
existing MCB DB complete with connections, testing and commissioning etc. as per specification	100	EATO TO		in the last		(10) (10)		A STATE OF THE STA

no ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
EARTHING								
Providing and fixing 8 SWG dia G1 wire on sunce or in recess for loop earthing along with ting surface/ concealed conduit/ submain within the sort specification								
William (minute)			-	22 00	-	mtr	19 00	418.00
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 required.								
300 mm sweep				1 00		each	2446.00	2446 00
			Part A-	As per SO	R Total E	stimate A	mount Rs	- 180981.48
		_						181000.00

Sub Engineer Municipal Corporation Korba (C.G.)