

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

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

सर्वमंगला नगर जोन

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

कोरबा दिनांक 29.10.2024

निविदा आमंत्रण सूचना

नगर पालिक निगम कोरवा 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 मुहरवंद—लिफाफा पद्धित के माध्यम से निविदा आमंत्रित की जाती है:—

1. निर्धारित प्रारूप में निविदा प्रपन्न प्राप्त होने अंतिम तिथि

- 22.11.2024 सायंकाल 3:00 वर्ज तक

2. निविदा खुलने की तिथि

22.11.2024 सायंकाल 4:30 बजे से.......

-		distribute to	Dog water					
क्र.	कार्य का नाम	प्राक्कलन राशि भें	धरोहर राशि रू में	निविदा प्रपत्र का गूल्य	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	22.11.2024 से
2	वार्ड क्र. 57 अंतर्गत भैरोताल में स्थित शा. मा. शाला में नवीन रकूल भवन सह शौचालय निर्माण कार्य। (जिला खनिज संस्थान न्यास मद)	16,58,200/-	12,500/-	1620 8	Form-A	04 माह	सक्षम श्रेणी	22.11.2024 से

निविदा की शर्ते:--

1. 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।

कोरे अहित विके

- 2. निविदा कें दस्तावेज हाथो–हाथ न लिया जाकर रजिस्टर्ड 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 सायं 3:00 के पश्चात् प्राप्त निविदाएँ स्वीकार नहीं किए जावेंगे।
- 3. निविदा प्रपन्न नगर पालिक निगम, कोरबा के वेबसाईट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपन्न 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 मृहरबंद-लिफाफा पद्धति से मान्य किया जावेगा जो निम्नानुसार होगा:-
 - (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 दिनोंक का निर्धारित निविदा प्रपत्र शुल्क का डीडी, शपथ पत्र राशि रू. 100/— के नान ज्यूडिशियल स्टाग्प 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 टीडीआर./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 गूल अगिलेख प्रस्तुत करना होगा।
- 5. 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।

कमश:02

- 6. निविदा प्रपत्र प्राप्त करने हेतु इच्छुक ठेकेदारों को आवेदन पत्र के साथ उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि 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 होगा।
- 7. कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना क्रमॉक, निविदा खुलने की तिथि रपष्ट रूप से लिखकर भेजना होगा।
- 8. निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का ख्वयं 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।
 निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शुल्क, अमानत राशि, निविदा आमंत्रण सूचना पत्र में उल्लेखित दस्तावेज सही पाए जाने पर ही 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।
- ठेकेदार यदि कार्य को अपूर्ण स्थिति में छोड़ता है, तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान के अंतर्गत कार्यवाही की जावेगी।
- 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 जावेगी जिसकी संपूर्ण जवाबदारी ठेकेदार की होगी।
- 15. सफल निविदा दाता से अनुबंध के समय अतिरिक्त परफार्गेंस 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 पर 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 नगर पालिक निगम कोरबा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।
- 16. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रिनंग देयकों के साथ 01 वर्ष हेतु साथ ही मरम्मत एवं संधारण 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 समयाविध की गणना कार्यपूर्णता तिथि से किया जायेगा। उक्त समयाविध में निर्माण कार्य की भौतिक स्थिति सही होने की तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।
- 17. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्निर्माण 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 कार्यो का विवरण राशि सिंहत राशि रू. 100/— के नॉन ज्यूडिशियल स्टाम्प पेपर पर निष्पादित शपथ पत्र निविदा दस्तावेजों के साथ संलग्न करना अनिवार्य होगा।
- 19. ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- 20. 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.म. भवन और सन्निर्माण कर्मकार मंडल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक का भुगतान किया जाना संभव नहीं होगा।
- 23. कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
- 24. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किए गए प्रावधानों का पालन करना अनिवार्य होगा।
- 25. निविदा प्रपन्न Form-। के क्लॉज नम्बर 11 अनुसार एस्केलेशन देय नहीं होगा।
- 26. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार आयुक्त, नगर पालिक निगम के पास सुरक्षित रहेगा।
- 27. निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी।
- 28. टेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान बजट आबंटन और राशि उपलब्ध होने पर किया जावेगा।

नोट:-

- 1. 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।
- 2. उपरोक्त तिथियों में किसी भी तिथि को शासकीय / रथानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्धारित तिथि समय एवं स्थान माना जावे।

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प्रतिक्रिये — ग्रेसामर संयाकनात्म्य, नगरीय स्थाशन एवं विकास किया, नशा संयपुर सण को www. uad.eg.gov.in में अपलोड किये कार्न हेतू. ग्रेसिक ।

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

time of Work - Dismantling of primary school kapatmuda ward no 57

As per Sor - Schedule of Rates Public Works Department [PWD BUILDING 01-01-2015] Amount Rato Unit Sno HVD ITEM DESCRIPTION 16.42 Demolishing R C C work including stacking of steel bars and disposal of unserviceable material within 50 metre 4.03 4.20 0.40 12 0.20 5.89 0.30 98.20 0.20 1 3.93 0.20 2 98.20 0.20 17.55 0.12 1 19.50 7.50 1 17 0.10 1 19.50 0.60 25015.30 768.00 32.57 Cum Total 16.45 Extra for scrapping cleaning and 2.10 7524.13 1 straitening reinforcement obtained on 3582.92 kg demolishing of R.C.C. or R.B. work 3582.92 16.3 Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. 4.8 92.64 96.5 0.2 1 16.3.3 In cement mortar 0.8 8.816 55.1 0.2 263.00 26682.93 101.456 Cum Total 16.26 Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and 9 Each 100.00 900.00 9 4 stacking within 50 metres lead. 16.27 Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and 6 6 Each 66.50 399.00 5 stacking within 50 metres lead. 16.31 Dismantling steel work in built-up section in angles, channels, flats Isection and T-section including all gusset plates, 2.4 bolts, nuts, cutting rivets, welding etc., 2 30 144 kg 1.00 144 00 including dismembering and stacking within 50 metres lead. 16.38 Taking out stone/concrete/wooden lintels from building masonry of doors windows or any other opening for 20 80 Metre 73.00 5840.00 thickness upto 15 cm. 1.26 Carriage by mechanical transport upto 5 km lead:

1.26.3 Dismantled Building debris	1	134.03		134.03	cum	91.50	12263.56
			A	s per SOR Total Esti	mate A	mount Rs.	18108.92

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

\$no.	TIEM DESCRIPTION	N	L	ΤD	IIID	Qly	Unit	Rate	Amount
l	Surface dressing of the ground including removing vegetation and making up undulations and inequalities 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).								
		1	15	10		150.000		1946	
- 1					Total	150.000	Sqm	7.2	1080
	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits								
	In all types of soils.(Foundation)	17	1.50	1.50	1.50	57,38			_
	Excavation below wall	1	09.10	0.50	1.50	51.83			*
	Dead Foundation	-17	1,50	0.30	1.50	-11.48	d rug is	- Y	Je 1
este A	Step	1	3.00	0.90	0.10	0.27	64	81 3	
-1	Platform	1	1.10	0.30	0.10	0.03	a and the second of		- 1
. Ņ	ramp	1	4.00	0.30	0.10	0.12		100	
			, =	- 1	Total	98.15	cum	185,00	18157.38
	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	- I - I - A I - I				The state of the s			
		17	1,50	1.50	0.15	5.74	8 8 9	1 6/5/1	une , g
Į,	Excavation below wall	1	69.10	0.50	0,15	5.18			
	Step	1	3.00	0.90	0.15	0.41			
	Platform	1.	1.10	0.30	0.15	0.05			
.1	ramp	10	4.00	0 30	0.15	0.18			
	Class	2	6.00	4.50	0.15	8.10	33		Service and
	Office	2	2.90	2.90	0.15	2.52	-		
	Verandah	1	9.10	1,80	0,15	2.46		A Total Control	
		, 10 , 1,1		50.	Total	24.63	cum	371.00	9139.40
	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.		98.15		0.80	78.52	cum		5103.70

Providi	ITEM DESCRIPTION	N	L	D	IVO	aly	Unit	Rate	Amour
depth	ng filling and compacting local earth (from red source pit) in layer not exceeding 20cm in consolidating each deposited layer by ng and watering, including dressing etc ste		and the second persons		,				
Class		2	6.00	4.50	0.70	37.80	2		
Office		1	2 90	2.90	0.70	5.89			
Verans	dah	1	9.10	1.80	0.70	11.47			
		e de la composition della comp		-	Total	55.15	Cum	242.0	0 13347.0
concre concre exclud	ling and laying nominal mix plain cement ete with crushed stone aggregate using ete mixer in all works upto plinth level ling cost of form work.	6 americana	Assistation true are while who			-			
	1 cement : 3 coarse sand : 6 graded stone gate 40mm nominal size)			~ 1					
		17	1 50	1 60	0 15	5.74			
Excav	ation below wall	1	89.10	0 30	0.15	3.11			
Step	3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1	3.00	0.00	0.15	0.41		ļ	
Platfo	orm	1	1 10	0.30	0.15	0.05			
ramp		1	4.00	0.30	0.15	0.18			7 1.
Class		2	6 00	4.50	0.15	8.10			
Office		1	2 00	2.90	0.15	1.26			
Verar	ndah	1	9.10	2 90	0.15	3.96			
		 			Total	22.80	cum	2970.00	67720.46
shutte	ding and fixing form work including centring, ering, strutting, staging, propping bracing etc. lete and including its removal at all levels, for					20			,
beam	dations, footings, bases of columns plinth , curtain wall in any shape and size and all of wall below plinth level.	ı						-	
Found	dations	17x4	1.40			28.56			
		17x4	0.80			10.88			
colum	nn upto plinth level	17x2 17x2	0.20			8.16 12.24			
olioth	beam	2	69.10			41.46			
		77				101 30	sqm	139.00	14080.70
	nns, Pillars, Piers and likes-rectangular or e in shape	į							
u ,	.91,	17x2	0.20		4.20	28.56			4.
		17x2	0.30		4.20	42.84	4 7		
5 pc 656		7				71.40	sqm	297.00	21205 80
	nded floors, roofs, access platform, balconies surfaces) and shelves (cast in situ)				i) +	2	20 A	2	. ,
hall		1	13.20	7.00		92.40			
		2	3.20	3.20		10.24			i e
11 1 1			- 1 1,5	11	": B	102.64	sqm	235 00	24120.40
Weath	ner shade, chhajja, Cornices and mouldings	, i				-			

Á	ITEM DESCRIPTION	N	T	T	HVD	Qty	Unit	Rate	Amount
		8	1 50	0.75		9.00			
		1	7 70	0.75	-	5.78			
	a a particular and a second and a					14.78	sqm	294 00	4343.85
and a	lintel beam			-					
Sec.	slab beam	2	09.10	AND REAL PROPERTY.	0.25	69 10	-	Marin .	MARIN OF ANIMAL PROPERTY MARINES AND ANIMAL PROPERTY AND AND AND ANIMAL PROPERTY AND ANIMAL PROPERTY AND A
ile t	and beatt	2	09 10		0.25	69.10 138.20	-	202.00	27646 46
	Providing and laying nominal mix reinforced cement	-	-	-		138,20	€qm	202.00	27916.40
	concrete with crushed stone aggregate using							11 1 1 1 1 1 1	, ,
	concrete mixer in all works upto plinth level								
	excluding cost of form work.			- 3		13			
	1-18-3 (1 cement - 18 coarse sand - 3 graded stone	-					_		-
	laggregate 20mm nominal size)	1			<u> </u>	, A.	1, 1	* 1	- A
	Footing	17	1.40	1.40	0.30	10.00	-	1	
		-		_	0.25	2.72	-	-	
		17	0 80	0.80					-
	Column upto plinth Beam	17	0.20	0.30	1.20	1.22			-
	plinth beam	1	69 10	0.20	0.30	4.15			
	COLUMN upto lintel level	17	0.20	0.30	2.10	2.14			
	lintel beam	1	89.10	0.25	0.25	4.32			
_	COLUMN upto Slab	17	0.20	0.30	1.20	1.22			
	slab	1	13.20	8 60	0 12	13.62	1		
	3340				0.12	2.05			
		1	5.50	3,10			 	-	
	T- Beam	2	4,90	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	0.75	0.10	0.58	1.8	- 1. - 1.	
		1	1 10	0.60	0.20	0.13		A 14	·
		1	10.71	8.60	0.08	7.37			
				1		51.73	cum	4163.00	215340.04
	Providing and placing in position reinforcement for	tel .f		++				-	
	R.C.C. work including straightening, cutting,	> 4	·						
	bending, binding etc. complete as per drawings		1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1	
	including cost of binding wire in foundation and						₹,=	2	
	plinth all complete:				- h - H				
	Thermo-Mechanically treated bars FE 415		90kg/	um		4655.44	kg	54.50	253721.57
	7.5 Brick work with modular fly-ash lime bricks								
,	(Fal.G Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in								
į				-			2 0 3.8		
_	Cement Mortar 1:6 (1 cement : 6 coarse sand) Brick work Below Plinth Level	1	69 10	0.30	0.90	18.66		-	
_	B/w upto Untel level	1	69.10	0.20	2.10	29.02			
	B/w upto Lintel Slab	1	69.10	0.20	1.20	16.58			
_	Step	1	3.00	0.90	0.20	0.54			
,		1	3.00	0.60	0.20	0.36			
		1	3.00	0.30	0.20	0.18			
- 1	Platform	1	4.00	0.20	0.60	0.13			
4	ramp		7.00		V.80	66.20	Cum	3263.00	215994.29
7	Extra for brick work in superstructure above plinth		4 V 14 L		4 1 H			1-7-1	No. 505 FR
-	level for every floor or part thereof in addition to		San S						
1	rate for foundation and plinth:		7.06			45.61	Cum	121.00	5518.33

AN STREET	ITEM DESCRIPTION									
12.13 Pro	Oviding and Indianated Inc.	_ N	L		В	HID	Qty	Un	it Rat	• Amou
				-, 2		- 1 4		4 p	e Visit Augusti	
34.54 Mary 1997	or rest than U.S.W. and conforming to ic	_						1.0		S 11 1
A MADOR CO.	approved make in all colours and shades									- 2
and the	mentionedbelow (+/ 10mm) laid on		hite.	1						
Zumm th	lick cement mortar 1.4 (1 rement Accesses		N E							9 1
isana) inc	ruding grouting the joints with white					1			- 1	1111
cement	and matching pigments etc. complete	3								i ii
12.13.15	ilze 600x600mm	+-	-	\dashv				-		_
Class		2	6.00	5 4	50		54.00	7		
Office		2	2 90) 2	90		16.82		AL .	-
	rting Length	1	89.2	0	-	0.15	13.38		\dashv	
Ded Ope	ning Length	-1	7 00	5		0.15	-1.05			
							83.15	sqm	1151 0	0 95705 6
Providing	g and fixing steel door/ window with M.S.									
sheet In	nm thick, frame of angle fron, diagonal		1		10					
3 MS aus	f angle/ flat Iron of sultable size, 3.00 mm	1	5.5				1	15 S		
	set plates at junctions and corners, all		1				. ga	1		
	ry fittings complete including applying a coat of red oxide zinc chromate primer	1	1		١				2	
Door		 	-			001 - 1	252.00			
Window		8	1.00		-	30kg/sqm	252.00 497.00	-		+
ventilation		8	0.60			30kg/sqm		 	-	
ramp ha	ndle	1	1.00	_	_	ookg/3q/iii	55.00		1	1
		1			7	total	864.00	kg	75.00	64800.00
Providing	g and fixing in position collapsible steel	1		1	T					
1	with vertical channels 20x10x2mm and	l					,			
	with flat Iron diagonals 20x5mm size with	1		j	1			l		1
4 1 '	bottom rails of T-Iron 40x40x6mm with	1	2.60	1	1	2.10	5.46	sqm	3330.00	18181 80
	reel pulleys complete with bolts, nuts,			1	1			-		
	a priming coat of red oxide zinc chromate		1.	1			- 1	1.		
primer	a printing cost of rea oxide sine cinemate		-	1.			11			
	g and making 12mm thick cement plaster of				T					
mix:		ļ			4				ļ	* 1
	nt Mortar 1 5 (1 cement : 5 fine sand)	2x2	10.50	-	┿	3.30	138.60			
OFFICE (2	ster class room (6 + 4.5)	2X2	5.80	+	+		76.56		-	
	AH (1.8+9.1)	1X2	10.90	1,	+		71.94			
						Total	287.10	sqm	96.50	27705 15
plaster on	viding and making 15mm thick cement the rough side of single or half brick wall		-						i	F 1
of mix	it Mortar 1:5 (1 cement 5 fine sand)	1 2	34.6	+-	+			A CONTRACT OF		
outer plas		2	12.60			4.00	100.80			
		2	11 10		L		88.80			
					1	Total	189.60	Sqm	113.00	21424.80
	and applying 2mm thick ready mix	9			1		y: 10.00			
A 116	grade approved make putty (like Birla wall ek Superfine W/R of (NCL), Asian, ICI,				1				The same of the sa	
	JK wall putty) on walls to make the			-						
	nooth and even.	3.71			1					
Ceilling C	Class	2	6.00	4.50			14.00			
Office		2	2.90	2.90	3.5		13.05			
inner plast	ter class	1	287.10	133	10			ander pArtis	ate to concrete	
				100		Section 1	87.10	TO THE PARTY OF	To Alberta	

na.	ITEM DESCRIPTION	T		T 6	H/D	Qty	Unit	Rate	Amount
ri.T	outer plaster	N	L	B	- N/O	189.60	- Onic	- Nato	-
3×		1	189 60						54004.00
	Wall palaston and				total	543.75	sqm	94.50	51384.38
i.	Wall painting with acrylic luxury emulsion (plastic) of jequired shade to give an even shade	11 1 1	. D.		e 5 Å	p * Harris	4-11	g - 3°	
	On new work (two or more conts)	1	353.892			353.89	Sqm	52.50	18579 33
	Painting exterior surface with ACRYLIC SMOOTH	-							
	exterior paint of required shade as per						A 12 1 3	l es	0.00
10	manufacturer's specifications to give protective and		2.						
	decorative finish including cleaning washing of surface etc complete with	=						1	
	On new work (Two or more coats applied @ 1.43		1 1 1 1 1 1						
	ltr/ 10 sqm over and including priming coat of	1	189 60			189 60	Sqm	56.00	10617.60
	exterior primer applied @ 2.20 kg/ 10 sqm)		1			1			
20	14.22 Painting on new work (two or more coats) to give an even shade with:							San P	•
	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	pa - 54	21.78	<u> </u>
						52.86	Sqm	55.00	2907.30
	14.41 Lettering with black Japan paint, per cm	1200	4		2.50	3000.00	per letter	0.70	2100 00
21	1.26 Carriage by mechanical transport upto 5 km lead:				so 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			9	
	1.26.1 Earth	1.00	8.10			8.10	Cum	111.00	899.10
			F	art A-	As per SC	OR Total E	sumate An	ount Rs.	1211094.44

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 01-06-2020)

S N O	Ref no	Item of Work	Unit	Rato	Qty	Amount
		WIRING IN CONCEALED PVC conduit				
1	1 10	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	
	1.10.2	Medium Point	Point	659.00	8	5272
1	1 10 3	Long Point	Point	922.00	6	5532
2		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)		251		
	1 13 1	3 X 1.5 sq. mm in 20mm conduit	Metre	92.00	25	2300
	1 13 2	3 X 2.5 sq mm in 20mm conduit	Metre	111.00	25	2775
	5	SWITCHES & ACCESSORIES		-		
	3 5.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as per specification.				
-	5.1.13	Ceiling rose 3 pin 5 amps	Each	32.00	14	448
	5.1 15	Batten/ angle holder	Each	38.00	10	380
'n	4 5.4	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.	, , , , , , , , , , , , , , , , , , ,			
5	5.4.8	Fan regulator (one module size) electronic stepped type moving all rounds	Each	186 00	8	1488
	6	FANS, LUMINARIES AND LAMPS				n i në paylit n i në paylit
6	61	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, earthing etc. complete as required. P.F. should be greater than 0.9, with BEE Star rating from 3 star and above, IS: 374.2019 including all amendments.				
-	6.1.3	1200 mm sweep	Each	1697.00	8	13576

0	Ref. no	Item of Work	Unit	Rato	Qty	Amount
	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	6.19	Supplying, installation, testing and commissioning of following LED tube light fitting including batten with Electronic Driver Heat sink Capacitor complete with all other accessories on surface/ in false ceiling, including connection, earthing etc complete as per specification and IP20, P F should be greater than 0.9 LED chip efficacy ratio ≥ 100 lumens /watt.	ere i di	213 00	10	2130
	6.19.3	18/20 watt {4 feet}	Each	443.00	12	5316
9	628	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
11	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.				
	9.12.2	6 amps to 32 amps	Each	411.00		5754
<u> </u>	12	EARTHING			14	0
12	12.2	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 IS Code 3043: 1987(R 2016)	Set	3734.00		3734
	12.18	Providing and fixing 6 SWG dia G.I wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as per specification.	Metre	19.00		798
13					42	11.0

- A.T. A.	Ref no	Item of Work	Unit	Rato	Qty	Amount
	15 11	Supplying and hanging following sizes one number FRLS PVC insulated /XLPE. PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade on GI bearer wire (binded at every metre) including cost of bearer wire complete as per specification, IS 1554 (1988, Part 1) / IS. 7098 (1988, Part 1)				<u>*</u>
-	15 11 3	2 x 10 sq. mm. on 8 SWG GI bearer wire	Metre	103 00	39	4017
-	13113	As per SOR Total Estimate Amou	NAME AND ADDRESS OF THE OWNER, WHEN PERSON ADDRESS OF THE OWNER, WHEN PERSON AND ADDRESS OF THE OWNER, WHEN			69173.00

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

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

As per Soi Schedule of Rates Public Works Department [PWD BUILDING 01-01-2015 & PWD Electircal 01-06-2020] ITEM DESCRIPTION Sna. H/D Unit Amount 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 4.00 3.00 12.00 septic tank 3.00 3.00 9.00 7.20 151.20 Total 21.00 Sam Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits In all types of soils (Foundation) bath 6.91 1.20 1.20 1.20 septic tank 2.50 1.80 180 8.10 185.00 2777.22 Total 15.01 cum Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering. including dressing etc. complete. bath 1.20 1.20 0.46 0.08 4 wall long 2 3.00 0.30 0 08 0.14 short wall 2 2.00 0.30 0.08 0.10 1 2 50 1.80 0.08 0.36 septic tank Total 1.06 cum 371.00 | 393.56 Filling from available excavated stuff (Excluding rock) In trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift 15.01 0.80 1 12.01 65.00 upto 1.5 M. cum 780.62 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6(1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) bath 4 1 20 1.20 0.08 0.46 wall long 3.00 0.40 80.0 0.19 short wall 2 2.00 0.40 0.08 0.13 2.50 septic tank 1.80 0 08 0.36 Total cum | 2970 00 | 3388 18 1 14

A	ITEM DESCRIPTION	N	aL! 4	В	HVD	Qty	Unit	Rate	Amount
	iding and fixing form work including			1 th 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
cent	ring, shuttering, strutting, staging,								
ادرا	oping bracing etc. complete and including								
	oval at all levels, for					Hiring Ave			
Fou	ndations, footings, bases of columns plinth			1 1	11	I F	-		
WINDS ON ILLY	m, curtain wall in any shape and size and all			100		The state of			18 1 18 E
	of wall below plinth level.			1.12					
bati		16	1.20		0.20	3.84		4-	
Date		4	1 00		0.85	3.40			
n:In	ith beam	4	3 00	22.0	0.30	3.60			1.
15,		4	2 00		0.30	2.40	2		
+-						13.24	sqm	139.00	1840.38
Col	umns, Pillars, Piers and likes- rectangular or								
1	are in shape								- 1
bat		8	0.20	-	3.00	4.80			
- Dat		8	0.30	-	3.00	7.20	1		
-		U	0,30						
+				 		12.00	sqm	297 00	3564.00
-	enanded floors souls access platform		-	 		1	1		
	spended floors, roofs, access platform,		88 8 3				- 9 1		
	Iconies (plain surfaces) and shelves (cast in								V 31 V
sit			3.00	0.20		1.20			
PI	nth beam bath	2	2.00	0.20		0.80	1		
٠.		1	3.00	2.00		6.00			5-1
sla		1	2.50	1.80		4.50			
se	eptic tank	<u> </u>	2.50	1.00		12.50	sqm	235.00	2937.50
-	to the technique Combon and			+-+			1		
1	/eather shade, chhajja, Cornices and			1 1		1		F	
m	ouldings			1					
		1	0.30	0.75		0.23			
		-	0.00						
				1		0.23	sqm	294.00	68.15
	eams, lintels, cantilevers & walls	<u> </u>							r = -
	eams, lintels, cantilevers & walls ntel beam bath	2	3.00		0.20	1.20			
- 111	ntel beam batti	2	2.00		0.20	0.80	V		
	ish haam	2	3.00		0.30	1.80	2 .		11.7
- 31	ab beam	2	2.00		0.30	1.20	200		
-						5.00	sqm	202.00	1010.00
-	roviding and laying nominal mix reinforced			-1		2			· · · · · · · · · · · · · · · · · · ·
۲	ement concrete with crushed stone aggregate	E 5	-						
u	ising concrete mixer in all works upto plinth							- A	
١	evel excluding cost of form work.							b 10 w	
		1.0	g 21	1					
	11%:3 (1 cement : 1% coarse sand : 3 graded			1 1		1		L	20 1 17
1.	tone aggregate 20mm nominal size).						1-11-1-1	r orse of	La make
	of bath	4	1 00	1.00	0.20	0.80		- 13 -40	
	100,000	4	0.20	0.30	0.85	0.20	,	- 2 - 4	
-		4	0.20	0.30	3.00	0.72			
-	lintel	2	3.00	0.20	0.20	0.24			
├─	MILLE	2	1 80	0.20	0.20	0.14	, to	95. a. z	
-	(lsh heam	2	3.00	0.20	0.30	0.36		1 .	q
	slab beam	2	1.80	0.20	0.30	0.22		1 1	
	Alab	1	3.60	2.30	0,12	0.99	1 81	1	
	slab	1	3.00	2.00	0.12	0.72			
	septic tank	<u> </u>		-				+	18307.21

ANY	ITEM DESCRIPTION	N	L	В	HVD	Qty	Unit	Rate	Amount
Provi	iding and placing in position reinforcement				- , -	3 100 200			
'or R	C.C. work including straightening, cutting,			- 1				47	
be.	ing, binding etc. complete as per drawings		3					ia v	
	coit of binding wire in foundation		4,			201 · 1			
and	plintt all complete			2 4					
Ther	rmo-Mechanically treated bars FE 415		80kg/c	um	The Pro-	351.81	kg	54.50	19173.54
	Brick work with modular fly-ash lime		Τ	17"	Y.		-		
	ks (FaLG Bricks) confirming to IS 12894-		4.			1	0	:0	
	2 of class designation 4 0 in foundation and			100			et di Alba	·	
Cem	nent Mortar 1 6 (1 cement 6 coarse sand)							_ 10 _ 11	
	icii iicii i								
bath		2	3.00	0.20	3.00	3.60			<u></u>
1		2	1 80	0.20	3.00	2.16	7 2 2	A** 14.2	
+		1	1 00	0.10	2 10	0.21			
-		1	1 00	0 10	2.10	0.21	2 2		
sepi	tic tank	2	3.00	0.20	1 80	2.16	┦		12
+		2	2 00	0.20	1 80	1.44			
ded	luction					1 24	+		
doc	or	. 3	0.80	0.20	2 10	-1.01			
		1	1 20	0.20	2.10	-0.50			
V		2	0 30	0.20	0.30	-0.04	Cum	3263.00	26861.02
						8.23		5205,00	
Ext	tra for brick work in superstructure above								
plu	nth level for every floor or part thereof in		* .			8.23	Cum	121.00	996.07
	dition to rate for foundation and plinth		1.1550.750	e 181	77 - 1	8.23			
12	13 Providing and laying vitrified floor tiles					1			7
wit	th double charge/ multi charge		= 1			3 110			
	nting with water absorption less than 0.5%			1 1					
ani	d conforming to IS		7						
15	622 of approved make in all colours and								
2 sha	ades and size mentioned			1 15					100
be	low (+/- 10mm), laid on 20mm thick cement	- "	2	1 1			as ^V		* v =
mo	ortar 1:4 (1 cement : 4							7.00	
coa	arse sand) Including grouting the Joints with	1 7	-		a.		4		
wh	nite cement and	:			1			" ", " -	2
ma.	atching pigments etc. complete						j.		- 7
12	13.1 Size 600x600mm	1	0.00	4.20	Jety e I K iz	75.60		-95	14.0° = g_1(d) gas
Cla	nss .	3	6,00	1 2 115	£ ***				
-	fice	2	2.90	2 90		16.82	1 1 2		
		2	18.00		0.15	5.40			
To	tal Skirting Length	6	4.20		0.15	3.78	11.0		
-		4	3.00		. 0.15	1.80			
	The second of th	4	3.00		0.15	1.80			
1	ed Opening Length	-1	7 00		0,15	-1.05		9 0	1000
100	ed Opening constru						sqm	1151 00	0.00
1,7	2.9 Providing and laying ceramic glazed floor						4 4		
*11	es conforming to IS 15622 of approved size,								
m	ake, colour, shade laid on 20 mm thick				A. Carrie				
ادر	ement Mortar 1.4 (1 cement 4 coarse sand)					1	4		
in	icluding pointing the joints with white cement	V . 1.							
m	nixed with matching pigment etc., complete.				Part S		n Phil	1957	E Alexandra
	2.9 1 Size 300x300mm	1	3.00	2.00	the training	6.00		Sec. 1	
11.	E.J. I SILE JOURSONNIN	41.			- 4 00 2 3 0	6.00	sqm	692 00	4152 00

	ITEM DESCRIPTION	N	L.	D	H/D	Qty	Unit	Rate	Amount
1	12.7 Providing and fixing ceramic glazed wall		1	24			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7.
1	tiles conforming to IS 15622 of approved					À	= * *		
	make, colours, shades and size on wall and		g To Now I		<u>.</u>	in the count		100 N	
	os over 12 mm thick bed of cement Mortar 1:3 (1. ement 3 coarse sand) and jointing with		. 1 s			,			1 1 1 1
100	grey cement slurry @ 3 3kg per sqm including								
1	pointing in white cement mixed with matching		3 1 1	3	1				
	pigment complete			1	-			l	ŝ
	p. g							1.64	
_	12.7.1 Size upto 200x300mm	2	3 00	-	2 10	12.60	-	W 100	
_		2	2 00	7-7-	2 10	8.40	+		
_		2	1 00	+	2.10	4.20	1		
		1	1 00	1	2 10	2,10			
	deduction	3	0.80		2.10	-5.04			
		_ 1	1 20		2.10	-2.52			
_			j			19.74	sqm	587.00	11587.38
	Providing and fixing steel door/ window with			1 "				L COM	4.77
	M.S. sheet 1mm thick, frame of angle iron,							, e	1
3	diagonal braces of angle/ flat iron of suitable		1 .				1	-	
,	size, 3.00 mm M.S. gusset plates at junctions		1			1			
	and corners, all necessary fittings complete		1			1 6	1	1	
_	including applying a priming coat of red oxide			1908 60 1	H 41 H			4	
	Door	4_	1 00	2 10	30kg/sqm	0.00			
_	Window	0	1 50	1 20					
_	ventilation	2	0 60	0.50	30kg/sqm		-		
	ramp handle		1 00	1 00	001 - /	0.00	-		
	bath	11	1 00	2 10		63.00	100	75.00	5950.00
_	Providing and making 12mm thick cement		-		total	78.00	kg	75.00	5850 00
15	plaster of mix:		-						
	In Cement Mortar 1 5 (1 cement 5 fine sand)			1					
	bath	2	3 00		0.70	4.20			
_		2	2 00		0.70	2.80			
_		. 1	0.80		0.70	0.56			
	septic tank	2	3.80		1 80	13.68			
_		2	2 00		1.80	7.20			
					Total	28.44	sqm	96.50	2744.48
	11 3 Providing and making 15mm thick cement			1			syn i		
	plaster on the rough side of single or half brick								
_	wall of mix						-		
_	In Cement Mortar 1.5 (1 cement 5 fine sand)		0.00		0.00	10.00	77.4	Kirin	Brat Control
	bath	2	3.00			18.00	1 7 2		- A 46 50 N
	300	2	2 00	ļ	3 00	12.00			and an extensive
_	deduction	1	1.20		2 10	-2.52	- 52 45	1 466	
_	septic tank	2	3.80		0.30	2.28	5 20 20 .	h Promise	Malana Kar
_		2	2 00	-		1.20	11.44	All de Line	
_				i, desp	, Total	30.96	Sqm	113,00	3498.48
	Providing and applying 2mm thick ready		gar so w			and S			
	mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of	1 2 1	5. 04.			148 · S			
	(NCL), Asian, ICI, Nerolac, J.K. wall putty) on	4 "Para	Talking 1				1 10		
	walls to make the surface smooth and even	, T		17.			Charles E		
_				1,000					
	inner plaster class	1	28.44	Garage Cons	1.81.8 1	28.44	18 5		
	outer plaster	1	30.96			30.96	1 1 2	aggalar i	
		ogi nama		4 . 4		59.40	1	94.50	5613 30
		3 1 1	1 44 7 1	1 10 mg.	10161	J7.4U	sqm	74.JU	OC 13 30

la.

	ITEM DESCRIPTION		e salities						
	all painting with and	N	L	В	HVD	Qty	Unit	Rate	Amount
	(plastic) paint of required shade to give an even							T	
Alton	new work (two or more coats)	1	E 1					Jan a	
DW.	Painting exterior surface with ACRYLIC					28.44	Sqrn	52.50	1493 1
	13MOOTH extends paint of second 1	2					1	1 02:50	1403.1
19	IPUI III MIUIGUIII PER PRANICALIA								
117	Thistopie and decorative care		- T						
	cleaning washing of surface etc. complete with								1
				10 A					
	On new work (Two or more coats applied @								
	I TO IUI IU SUM OVER and amalas								
	to exterior primer applied @ 2 20 kg/ 10	1	30.96			30.96	Sqm	56.00	1733.76
20	14 22 Painting on new work (two or many								9
20	coals) to give an even shade with		55						
	Satin synthetic enamel paint	A		-	A	Ci, i materine	các.		
		4	0.30		0.30	0.36	<u> </u>	0.00	
	14 41 Lettering with black Japan paint, per cm				***************************************	0.36	Sqm	55.00	19.80
_		500			2.50	1250.00	per	0.70	875.00
21	1 26 Carriage by mechanical transport upto 5 km lead					+	letter		0.0.00
-						1			774 A
_	1 26 1 Earth					4.50	Cum	111.00	499.90
	18.1 Providing and fixing water closet squatting					 			
	Ipan (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,		15-			1 1		5	in the state
	with flush bend and								
	other fittings and fixtures complete including								
l	cutting and making good							2.1	
	the walls and floors wherever required		•	- 1			11	-	
			101	7			-		,
	18 1 1 White Long pattern WC pan of size	_				1.00			
								7477 70	
<u> </u>	80.000					1.00	each	2459.00	2459.00
	18 13 Providing and fixing white vitreous china								
	urinal basin with waste fitting as per IS 2556,					54			
	and other couplings in C.P. brass complete								
	18.13.1 Flat back half stall urinal of size								1.7
	460x380x250mm								
			1 -2			2.00	each	1776.00	3552 00
	18 2 Providing and fixing vitreous china water	Ŧ	,	- 17				10	
	closet squatting pan (Indian type) including			1000		, Airmed			
	cutting and making good the walls and floors	ingle land	to a began	g a .		Alagraph (Agrapha)	igna i i		0,311
	wherever required			, C.,	1 1 50		Cov. Balk		42.
	18.2.1 White Long pattern WC pan of size		272			2.00			
000	580 mm	Company (S)	. The street	198 g	Carried Contract	101 (Cover), (11)-13	5.700	A. 24. 2.1.	Section of the
_		900 - 7	4 4 - 4 -	100	and the	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		A STATE OF MES	, g 1	Jan Carra	ar <mark>ab</mark> h ha	- 212	Alga ac	
	5mm, made out of extruded 5mm rigid PVC foam	425	2000 0851	Contract I		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A. A.	11 11 11	
	sheet mitred at comers and joined with 2 Nos of			- 32.0					
	150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with					1. 1. 1. 2	1		a de la companya de l
	19x19mm M.S. square tube of 19 gauge, EPDM					1 1 6 try 3			The second
	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								
						The second secon	and the same of the same	CONTRACTOR AND	
	direction of Engineer-In-Charge.			and the same					

ITEM DESCRIPTION	N	L.	В	HVD	Qty	Unit	Rate	Amount
Assollet	1	1.20	2 10		2 52			
	2	0 80	2.10	1	3 36			
8 152 h					5 88	metr	346.00	2034.48
6.152 Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of MS. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails MS frame shall have a coat of steel primers of approved make and manufacture MS. frame covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm								2004.46
width out of which 50mm shall be flat and 20mm shall be tapered in 45degree angle on either side forming styles, and 5mm thick, 95mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to gents toilet	5	1 "						
	1	0 90	2 00	<u> </u>	1 80			
tadies tollet	2	0 90	2.00		3 60			nt two
			-		5 40		2000 00	1,5000 00
			-		1	sqm	2832.00	15292.80
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				S				
18.17.2 White Size 550x400 mm		 			3 00	 		
					3 00	each	4.400.00	4224.00
18.76 Providing and fixing on wall face or under floor 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 leaving 10 mm gap for thermal expansion etc complete								
	1	20 5			20.50			
	1	1000 E			20.50	metre	267.00	5473.50
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 for thermal expansion	٦			<i>\$</i>		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, , , , , , , , , , , , , , , , , , ,	
18.77.1 Tee/ Tee with door/ Bend 45°/ Bend 90°			104.0	- 1 -	1 00	The state of the s	- 3 - - -	
110 mm		1	- in		1 00			
18.77.3 Vent covel			+	4 · ·	1.00	each	154.00	154,00
18.77.3 Vent covel	4	1	-		1 00		2.2	
18.77.4 Access door cap			7		1. 55	each	44.00	44.00
110 mm				e in Sym <mark>et</mark> sala. In	1.00	-	- 5	
18.77.6 Nahani trap 110x75mm		20 July 10 Jul		-10.00	1.00	each	59.00	59.00
	2.1	-	149 8	- 3-	2.00			
18.77.5 °P° trap 110mmx110mm long			1,000		2.00	each	90.00	180.00
					1 00	each	227.00	227.00
18.76 Providing and fixing on wall face or under floor 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 leaving 10 mm gap for thermal expansion etc complete								-21,00

ITEM DESCRIPTION	N	a L	ti di	HVD	Oty 5 00	Unit	Rate	Amount
and to man on bibe	Mary the State of Sta	2.50	1 50			-		-
		1 50	1 00		3 50	NAME OF TAXABLE PARTY O		- Symposius de State
					8 50	metre	267.00	2269.50
20.6 Pre viging, 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		- ONE ALLE WAS ASSESSED.	
					5 60	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								
19.5 Providing and fixing Chlorinated Polyvinyl					1 00	each	1031.00	1031.00
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.								
	 	- 4		2 10	8 40			
	 	- ·			8.40	metre	167.00	1402.80
19.5.3 25 mm nominal outer dia Pipes	-	_		-			107.00	7.102.00
	-	3	15	-	4 50			
	 	3	2.5		7 50			-
		- -			12 00			
Sub- 45 mm comingl bors			_	-	1200	metre	213.00	2556.00
19.13 Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
19.13.2 Bib cock (350 grams)			_					
					2 00			
		-						fri I
		0.00		-	2 00	each	237.00	474.00
19.13.3 Stop cock (350 grams)								
2.0					3 00			†
	+			1	3 00	each	237.00	711.00
19.15 Providing and fixing stainless steel drain jali o	1	_		1	2 00			1
approved make/quality	-		2/2	3	2 00		-	10-1
					2 00	each	51.00	102.00
18.25 Providing and fixing flexible P V C. waste pip for sink or wash basin including P V C. waste fitting complete	S			All you				
32 mm dia	- y	= 2× + 2 × .					For St.	
ladies	- 1	14 A	a				100	30.

	N	L	В.	H/D	Qty	Unit	Rate	Amount
1.10 Providing and fixing 15 mm nominal bore	-				1 00	each	68.50	68.50
and bush of approved quality and colour							10	
18 10.2 45 CM length		1		0 4 4 1 M	e e e e	E .	Total 1	
gents				·	9.04		1	
OBINS .		1, 4	-		3 00	1		
				<u> </u>	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 lank and the base support for tank		1000 00	,	-	1000 00	line	7 30	7300 00
WIRING IN CONCEALED PVC conduit				 	1	 		
Wining for light plug point with 3x2 5 sq mm					1			:
FRLS PVC insulated stranded copper				12				
conductor wire for phase, neutral and earth in concealed FRLS PVC conduit (heavy duty				. 4				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
thickness of pipe should be 2 mm) along with								
modular type 6 Amp switch and 3 pin 6 amps			1.9	2 4	100 100 100 100 100 100 100 100 100 100	E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.8	
socket outlet with modular base and cover		_		-6	1			- 2
plate, suitable size G.I box, earthing the switch					1			1 - 2
box and socket outlet with same size wire etc.						1		
as per specification and IS. 694 (2010). IS				į	1			
Short Point				1.00	Point	Point	442 00	442.00
Medium Point				1.00	Point	Point	859.00	659.00
Wiring for circuit sub main wiring along with								14" (4) -
earth wire with the following sizes of FRLS PVC				3	-			
insulated copper conductor wire in concealed						1	-	
FRLS PVC conduit (heavy duty, thickness of								-
pipe should be 2 mm) as per specification and IS. 694 (2010), IS 9537 (2000 Part 5)								
·						ļ	00.00	276.00
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					 			
Supplying and fixing following piano type					1	a.		
switch, socket, other accessories on the existing switch box/ cover including connections etc. as						-		
per specification				ļ				,
Ceiling rose 3 pin 5 amps				2 00		Each	32.00	64 00
Batten/ angle holder				2 00		Each	38.00	76 00
Supplying, fixing, testing and commissioning of								
following LED lamps with inbuilt electronic driver					, =			5
heat sink and all other accessories in existing holder/ luminaries as per specification and P F		1					3.1	
should be greater than 0.9. LED chip efficacy				* * * * * * * * * * * * * * * * * * * *				
ratio ≥ 100 lumens /watt.			١		1			
12 Watt				2 00		Each	215.00	430 00
Supplying installation testing and		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4		,	1		
commissioning of following LED tube light fitting		to the second		5 _ =	7.5	1		
including batten with Electronic Driver Heat sink						1		
Capacitor complete with all other accessores		i de de la co		l				1 21 9
on surface/ in false ceiling including connection, earthing atc complete as per				1.0		Exp		175
specification and IP20, PF should be greater							× 1800	
than 0.9 LED chip efficacy ratio ≥ 100 lumens			4 %					70 I
18/20 watt {4 feel}				1 00		Each	443.00	443 00
Supplying and fixing DP MCB, 240 volts, 'C'				1				
curve suitable for lighting and other loads in the			pelle la					
existing MCB DB complete with connections,					1.00			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
testing and commissioning etc. as per			1				3- 8-45 V	
specification			+				1	

no	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount		
	EARTHING		-	1							
	ex. and surface/ concealed conduit/ submain										
	wiring as per specification				22 00	k-1-4	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.							,			
1	300 mm sweep			-	1 00		each	2446.00	2446 00		
4				Part A		R Total Es	timate A	mount Rs.	180981.4		
_		Part A- As per SOR Total Estimate Amount Rs. Gross Estimate Amount Rs									