

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

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

दर्री जोन

<u>फा.क्र. / 714, 715, 716, 717 एवं 718 / निर्माण (दर्श जोन) / 2024 /</u>

कोरवा, दिनांक 07.06.2024

#### निविदा आमंत्रण की सूचना

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 & 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 कार्य हेतु मैन्युअल निविदा वेबसाईट से डाउनलोड कर बंद लिफाफा के माध्यम से आमंत्रित की जाती है :--

1. निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने की अंतिम तिथि — 01.07.2024 सायंकाल 3:00 बजे तक

2. निविदा खलने की अंतिम तिथि

01.07.2024 सायंकाल 4:30 बजे तक

	2. निविष्य कुलन पर्य जात न				00-	कार्यावधि	ठेकेदार	निविदा
क्र.	कार्य का नाम	प्राक्कलन	धरोहर	निविदा	निविदा	4/141414	का वर्ग	खुलने की
		राशि में	राशि रू	प्रपत्र का	प्रपत्र		97, 41	अंतिम तिथि
			में	मूल्य				Oltri itti-i
	वार्ड क्र. ४६ प्राथमिक शाला							
	वाहनपाठ (अंग्रेजी माध्यम) में					24 1112	सक्षम	01.07.2024
1	नवीन स्कूल भवन का निर्माण	16,11,000/-	12,500 /-	750/-	Form-A	04 माह	श्रेणी	0210712020
	कार्य। (जिला खनिज संस्थान							
	न्यास, वर्ष 2024)							
	वार्ड क्र. ४७ प्राथमिक शाला						770777	
	सेंमीपाली में नवीन भवन का	14,21,000/-	11,000 /-	750/-	Form-A	०४ माह	सक्षम श्रेणी	01.07.2024
2	निर्माण कार्य। (जिला खनिज	1,121,000					ઝાગા	
	संस्थान न्यास, वर्ष 2024)							
	वार्ड क्र. 51 प्राथमिक शाला							
	केंदईखार में नवीन भवन का	14,21,000/-	11,000 /-	750/-	Form-A	04 माह	सक्षम श्रेणी	01.07.2024
3	निर्माण कार्य। (जिला खनिज	- , ,					ઝાગા	
	संस्थान न्यास, वर्ष 2024)							
	वार्ड क्र. 52 प्राथमिक शाला							
,	नगोईखार में नवीन भवन का	14,50,500/-	11,000 /-	750/-	Form-A	04 माह	सक्षम श्रेणी	01.07.2024
4	निर्माण कार्य। (जिला खनिज	, ,					ત્રળા	
	संस्थान न्यास, वर्ष 2024)							_
	वार्ड क्र. 51 लाटाघार नाग के							
	घर से कर्ल्चर मंच, राम प्रसाद							
_	कोटवार से पाईप लाईन तक	3,92,500/-	4,000 /-	750/-	Form-A	03 माह	सक्षम	01.07.2024
5	सी.सी. रोड का मरम्मत कार्य।	2,52,000	.,			00 110	श्रेणी	
	(जिला खनिज संस्थान न्यास,	,						
	वर्ष 2024)							

निविदा की शर्ते:--

1. निविदा दरे 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 रजिस्टर्ड पोस्ट अथवा स्पीड पोस्ट से प्राप्त किया जावेगा। अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक इत्यादि से प्राप्त अथवा समयावधि के पश्चात् प्राप्त निविदाओं पर विचार नहीं किया जावेगा। निविदा आयुक्त, नगर पालिक निगम, आई.टी.आई. चौक साकेत भवन, जिला-कोरबा (छ.ग.) पिन नं.-495677 के पते पर भेजना होगा। निर्धारित तिथि को सायं 3:00 के पश्चात 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 प्रपत्र Form - A/B/ABC (जारी दिनॉक तक समस्त संशोधनों के साथ) निर्धारित शल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।

4. निविदा प्रपत्र त्रि-लिफाफा पद्धित से मान्य किया जावेगा जो निम्नानुसार होगा:-

प्रथम लिफाफा में ठेकेदार का जीवित पंजीयन प्रमाण पत्र, आयकर चुकता प्रमाण पत्र, निविदा सूचना आमंत्रण में (क्रमश:.....02) उल्लेखित अन्य दस्तावेज के साथ निर्धारित प्रपत्र शुल्क का डीडी, निविदाओं में निविदाकार को फिजिकल दस्तावेज के साथ निविदा सूचना जारी होने के पश्चात् दिनांक का शपथ पत्र जिसमें संबंधित कार्य का नाम एवं कार्य की निविदा क्रमांक अंकित हो प्रेषित करना अनिवार्य होगा एवं अमानत राशि का टी.डी.आर. / एफ.डी.आर. जो कि आयुक्त, नगर पालिक निगम कोरबा के नाम पर देय होगा प्रस्तुत करना होगा।

ब) द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।

(स) तृतीय लिफाफा में उपरोक्त दोनो लिफाफे होंगे तथा आवश्यकता पड़ने पर मूल अभिलेख 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।

6. निविदा हेतु इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकरी पिछले वित्तीय वर्ष का आय चुकता प्रमाणपत्र, पेन नम्बर, जी.एस.टी. (जीवित) पंजीयन 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 निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कंडिका क्र. 04 के अनुरूप लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।

7. कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना कमॉक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना होगा।

8. 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।

9. निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाऍ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग माना जावेगा।

10. निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शुल्क, अमानत राशि, निविदा आमंत्रण सूचना पत्र में उल्लेखित दस्तावेज सही पाए जाने पर ही निविदा दर का लिफाफा खोला जावेगा अन्यथा निविदा निरस्त कर दी जावेगी।

11. ठेकेदार को अपनी दरें शब्दों एवं अंको 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 प्रपन्न 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 परफार्मेंस राशि जमा कराई जावेगी जबिक 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 अथवा टाईम डिपॉजिट 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 कार्य के **लिये 5 प्रतिशत सुरक्षा राशि रिनंग देयकों के साथ 01 वर्ष हेतु साथ ही 5 प्रतिशत पृथक से 03** वर्ष की गारंटी के लिये परफारमेंस सिक्यूरिटी के रूप में रोकी जावेगी।
- 17. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण 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 मूल प्रति में वैध शपथ पत्र राशि रू. 100/— नॉन ज्यूडिशियल स्टॉम्प पेपर पर कंडिका क्र. 04 के प्रथम लिफाफा (अ) में प्रस्तुत 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 नही 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 प्रपत्र Form-A के क्लॉज नम्बर-11 अनुसार एस्केलेशन देय नहीं होगा।

23. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार आयुक्त, नगर पालिक निगम के पास सुरक्षित रहेगा।

//03//

24. निविदा खुलने की तिथि में अवकाश होने पर आगामीं तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी। 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/स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को

निर्धारित तिथि समय एवं स्थान माना जावे।

प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विमाग, नया रायपुर (छ.ग.) को Uad.cg.gov.in में अपलोड प्रतिलिपि :--किये जाने हेतु प्रेषित।

(ठेकेदार के हस्ताक्षर)	कार्यप्रस्थि अभियंत्र नगर पालिक निग कोरबा (छ.ग.)
नाम	/ कोरबा (छ.ग.)
पूर्ण पता	
**************************************	
मोबाईल नं	

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

#### **DETAILED ESTIMATE**

Name of Work: CONSTRUCTION OF GOVT. PRIMARY SCHOOL BUILDING AT SEMIPALI SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

SN	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	THUOMA
1	1.1	Excavation for all types		-word decreases and search, as in least the						
		and sizes of foundations,							1	
		trenches and drains or for					1	1		
1		any other purpose						1		
		including disposal of								
1		excavated stuff upto 1.5 m					1			
1		lift and lead upto 50m (at								
		least 5m away from the								
		excavated area), including								
1		dressing and leveling of								
		pits.								
	1.1	In all types of soils.		4.00	1.30	1.30	37.34	-		
		C1	17	1.30	0.30	0.30	6.12			
		-wall	1	68.00	0.30	0.30	-1.98			
		DeductionFOUDATION	17	1.30 2.90	0.90	0.10	0.26			
		-STEP	2X1	1.30	0.30	0.10	0.07			
		-PLATFORM	1	1.30	0.30	0.10	0.03			
		-RAMP	1	3.00	0.30	0.10	0.09			
						Total	41.93	cum	185.00	7,757.05
2	1.17	Filling from available		-						
-		excavated stuff (Excluding						ĺ		
		rock) in trenches, plinth,	^ E		-					
	7	sides of foundation etc.		=	ĺ					
		in layers not exceeding			1			-	1	
		20cm in depth			1			1		
		consolidating each								5 - 10
		deposited layer by		l					** 1.2	
		ramming and watering with							7 4	
1		a lead upto 50 M. and lift				1			2	11 000
		upto 1.5 M.					41.93			
						Total	41.93	cum	65.00	2,725.45
3	1.18	Providing and filling in								
		plinth with sand/Crusher								
		dust and hard moorum				1				
		under floor in layers not					_		- July 1	
		exceeding 20cm in depth	-1					n.		100
		consolidating each								
		deposited layer by								· · ·
		ramming and watering,								
		including dressing etc.								

-	RE		ITEM DESCRIPTION	N		L	В	H/D	QTY	UNIT	RATE	MOUNT
1			complete.									
1			-class room	2		6.00	4.50	0.10	5.40			
1			-office	1		2.90	2.90	0.10	0.84			
1			-ver	1		9.10	1.80	0.10	1.63			
			-kitchen	1		2.90	2.90	0.10	0.84			
			-ramp	1	<u> </u>	3.00	1.10	0.10	0.33			
								Total	9.04	cum	371.00	3,353.84
4	1	.19	Providing filling and			_						
			compacting local earth									
			(from approved source pit)									
			in layers not exceeding							1		
			20cm in depth									
			consolidating each								1	
			deposited layer by									
			ramming and watering,									
			including dressing etc.					İ				
			complete.									
_	+		-class room		1	6.00	4.50	0.30	8.10			
_	+		-office		1	2.90	2.90	0.30	2.52			
	+		-ver.		1	9.10	1.80	0.30	4.91			
_	+		-kitchen		1	2.90	2.90	0.30	2.52			
	+		-ramp		1	3.00	1.10	0.40	1.32		2/2/22	4 CO7 E
-	-							Total	19.37	cum	242.00	4,687.54
H	5	2.	1 Providing and fixing									
			form work including	-								
			centring, shuttering,				1					
			strutting, staging, proppin	g								
			bracing etc. complete an	d				1				
			including its removal at									
			all levels, for:									
t		1	.1 Foundations, footings,									
			bases of columns plinth				1					
1			beam, curtain wall in any									
			shape and size and all typ	le				-		1		_
			of wall below plinth level	17:	νΔ	1.10		0.40	29.92			
			base f2		17	1.00		0.85	14.45			
			-p.bcol.upto p.l.		x2	68.00		0.30	40.80		İ	
			-p.b	<del></del>	_							
		_			_			Total	85.17	sqm	139.00	11,838.
			.5 Columns, Pillars, Piers ar	nd l	_					Ť		
		1	Likes- rectangular or squa	re			1					
			_									
		-	in shape		17	1.00		3.00	51.0	0		
		-			1				1			
		-						Total	51.0	0 sqm	297.00	15,147.
	_	-	1.7 Suspended floors, roofs,	_						1		
			access platform, balconie	es								
			(plain surfaces) and									
	1		shelves (cast in situ)				1		1			
	-		Sherres (cast in site)		1	13.20	7.50		99.0	0	laker Softwa	

Powered By: Estimate Maker Softwa Pg.

	REF	ITEM DESCRIPTION	N	1 1	В	H/D	QTY	UNIT	RATE	AMOUNT
SN	KEF	TIEM DESCRIPTION	1 1	3.90	1.10	n/U	4.29		RAIL	AMIOUITI
-			1	3.10	3.90		12.09			
_				3.10	3.50		12.00			
_		1				Total	115.38	som	235.00	27,114.30
_		Decree lintale and it				10141	110.00	Sq.ii		
	1.8	Beams, lintels, cantilevers								
		& walls				0.20	27.20			
		-1.b	1x2	68.00	0.50	0.20	7.20			11
		-chhajja	8	1.80	0.50		0.65			
			1	1.30	0.50		1,45			
		-kitchen pf	1	2.90	0.50	0.30	40.80			
		slab beam	1x2	68.00		0.40	7.20			
		-T BEAM	2X2	4.50		Total	84.50	sqm	202.00	17,069.00
						104.				
6	3.1	Providing and laying								
		nominal mix plain							_	
		cement concrete with								
		crushed stone aggregate				=			4,0	- 1
		using concrete mixer in		Ν.						
		all works upto plinth								
		level excluding cost of								
		form work.								
	1.2	1:4:8 (1 cement : 4							ļ	
		coarse sand: 8 graded							-	
		stone aggregate 40mm								
		nominal size).	17	1.30	1.30	0.15	4.30			
		-foundation	1	68.00	0.30	0.10	2.04			
		-wall	17	0.30	0.30	0.10	-0.15			
		Deductioncol.	2	6.00	4.50	0.10	5.40			
		-floor	1	2.90	2.90	0.10	0.84			
		-office	1	9.10	1.80	0.10	1.63			
		-ver	<del></del>	2.90	2.90	0.10	0.84			
		kitchen	<del></del>	2.90	0.90	0.10	0.26			
		step	2	1.30	0.30	0.10	0.07			
		-plateform	<del></del>	1.30	0.30	0.10	0.03			
$\neg$		-ramp	<del></del>	3.00	0.30	0.10	0.09			
			<del></del>	2.80	1.30	0.10	0.36		*	
-		-plateform top	<del></del>	3.00	1.10	0.10	0.33			
$\neg$		-ramp top				Total	16.04	cum	2659.00	42,650.36
$\dashv$							-			
7	3.2	Providing and laying								
		nominal mix reinforced								= 11
		cement concrete with		1						
		crushed stone aggregate						- 1		
		using concrete mixer in								
		all works upto plinth								
		level excluding cost of								
		form work.						-	-	-
	2.1	1:1½:3 (1 cement : 1½								
	2.1	coarse sand : 3 graded		A 10 3 1		17				
		stone aggregate 20mm								1
		nominal size).				1				. Da 3
		HOHIMAI S.ZOJ.		and the second s		Powered	By : Esti	mate Ma	ker Softwa	115.

N	REF	ITEM DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	AMOUNT
		-base fl	17	1.30	1.30	0.30	8.61			
		f2	17	1.10	1.10	0.40	8.22			
		col. upto p.l.	17	0.30	0.20	0.85	0.86			
		-p.b.	1	68.00	0.20	0.30	4.08			
		-col. upto l.b.	17	0.30	0.20	2.10	2.14			
$\neg$		-l.b.	1	68.00	0.20	0.20	2.72			
1		chhajja	8	1.80	0.50	0.10	0.72			
-			1	2.90	0.50	0.10	0.14			
$\dashv$			1	1.30	0.50	0.10	0.06			
		kit pf	1	2.90	0.50	0.10	0.14			
-		col.upto slab	17	0.30	0.20	0.80	0.81			
		-slab beam	1	68.00	0.20	0.30	4.08			
		-t beam	2	4.50	0.20	0.40	0.72			
		-slab	1	13.20	7.50	0.13	12.37			
+			1	3.90	1.10	0.13	0.55			
-		-slab	1	3.10	3.90	0.13	1.51			
$\dashv$			•						4163.00	198,699.99
						Total	47.73	cum	4100.00	,
-	- 2.4	Extra for laying						.		
8	3.4	PCC/RCC of any grade								
		in superstructure above					-		1	
		plinth level for every floor		ĺ		1			1	
		or part thereof in addition							1	
		to rate for foundation and				1				
		plinth:					25.96	+		
		pintur.					25.50	$-\dagger$		
						Total	25.96	cum	97.50	2,531.10
						100				
	2 12	Providing and placing in					1			
9	3.12	position reinforcement for								
		R.C.C. work including			1	1				
- 1		straightening, cutting,			1		1			
		lunding hinding etc.								
		complete as per drawings								
		including cost of binding								
		wire in foundation and	-		1	Ì			0	
1		plinth all complete:								
		Thermo-Mechanically								
	12.1	treated bars FE 415		400.00			4773.00	12		
_		Heated out -	47.73	100.00						
						Total	4773.00	kg	54.50	260,128.5
		Brick work with modular				}	4		i.	
10	7.5	fly-ash lime bricks (FaLG								
		Bricks) confirming to								
		IS:12894-2002 of class								
		15:12894-2002 of Glass								
		designation 4.0 in							-	
		foundation and plinth in:				1 (11 )				
	5.4	Cement Mortar 1:6 (1	1	_				1	-	· · · · ·
	W 54'	cement : 6 coarse sand)	1	68,00	0.20	0.50	6.80		ker Softwa	Pe 4
-		-below plinth				Powered	By : Estin	nate Ma	iker Soliwa	. 5.

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A						НЛ	QTY	UNIT	RATE	THUOMA
	10	POPULATION	N	L	В	0.50	-0.51			
SN	REF	ITEM DESCRIPTION	17	0.30	0.20	0.17	0.44			
		Deduction-COL.	1	2.90	0.90	0.17	0.14			
7		-STEP	1	2.90	0.30	0.60	0.24			
1			2	1.00	0.20	0.60	0.15			
_	,	-P.F	1	1.30		0.30	0.18			
1		RAMP	1	3.00	0.20				2000 00	24,276.72
7						Total	7.44	cum	3263.00	
$\neg$									1	- 1
1		C. Lielework in								
11	7.6	Extra for brick work in			ł	1				
		superstructure above plinth level for every floor or part			1					
		thereof in addition to rate			1					
		thereof in addition to face			0.20	2.10	28.56			
		for foundation and plinth:	1	68.00	0.20	2.10	-2.14			
		-B/W ABOVE P.L.	17	0.30	0.20	2.10	-1.09			
		DeductionCOL.	1	2.60	0.20	2.10	-2.31			
		DeductionC.G DeductionDOOR	5	1.10	0.20	1.20	-2.16			
		DeductionWindow	6	1.50	0.20	1.20	-0.72			
		Deduction—Window	2	1.50 68.00	0.20	0.80	10.88			
		Deductionjali -b/w above l.b.	1	0.30	0.20	0.80	-0.81			
		Deductioncol.	17	0.90	0.20	0.20	-0.32			
		Deduction-ventilater	9				00.00	oum.	3384.00	101,147.76
		Deduction				Total	29.89	Cum		
	0.11	Providing and fixing in								
12	9.11	collapsible steer								
		, uses with vertical								
		shappels 20x10x2mm and		1						
		traced with flat Iron								
		vialc 20x5mm \$126								
		tit ton and bolloill lails								
		of T-iron 40x40x6nim with								
		ag an steel nullevs								
		complete with bolts, huts,						1		
		locking arrangement								
		stoppers handles								
		:-aluding applying a								
		priming coat of red oxide								
		zinc chromate primer.		2.60		2.10	5.4	6		
										10.404
-						Total	5.4	6 sqm	3330	.00 18,181
13	9.13	Providing and fixing steel				D.				
13	7.15	door/ window with M.S.								
		sheet 1mm thick, frame of								
		angle iron, diagonal braces							1	
		of angle/ flat iron of								
		suitable size, 3.00 mm								
- 1		MS pusset plates at								
		junctions and corners, all								1
		Imperious miss assets		1	1	1	1	1	1	The Late of the la

1	REF	ITEM DESCRIPTION	41		Option of the latest t					
		complete including	N	L	В	H/D	QTY	דואט	RATE	THUOMA
		applying a priming coat		1		100				
		of red oxide zinc				1				
		chromate primer.								
_		-door 1.1x 2.1								
_		-window 1.5x1.2	5	65.00			325.00			
_		-jali 1.5x1.2	6	74.00			444.00			
-		-ventilator .9x.2	2	35.00			70.00			
+		Ventuator .9x.2	9	4.00			36.00			
-									75.00	CE COE 00
14	9.3	Steel work in tubular				Total	875.00	kg	75.00	65,625.00
	,,,	(round, square or								
1		rectangular hollow tubes								- 1
1		etc.) structure in built-up sections, trusses and								Ť
		frame work including								
		cutting, hoisting, fixing in								
		position upto a height of								
		5m above plinth level,								
		consisting of columns								
		trusses, roof and bottom								
		purlins, base plate, holding down bolts, wind ties								
1										
		bracing (if required),								
		bolts, nuts and washers								
		for fastening etc.				1				
		priming coat of red				1				
		oxide zinc chromate				1				
		primer.								
-	3.2									-
	3.2	induction butt welded tubes		1						# # P
		Grade-300		1						
-		-for ramp		60.00			60.00	1	<u> </u>	-
+		lo. Imag	i						1	<del> </del>
+						Total	60.00	kg	93.5	0 5,610.0
15	9.15	Providing and fixing M.S.				,				
		grill of approved pattern								- 6
		made of M.S. flats or								
		square or round bars			1					to the
		welded to steel frame of			1					
		windows etc. including								
		applying a priming coat								
		welded to frame with all					1			
		necessary fitting complete								- 1
		including applying a	1				1			
		priming of red oxide zinc					1			
		1.							1	
		chromate primer. ,Column			1				-	
		chromate primer. ,Column Footing = 1/6								
		chromate primer. ,Column								

A							ATV	TINU	RATE	THUOMA
T	77		N	L	В	H/D	QTY	Unii	10112	
SH	REF	ITEM DESCRIPTION					210.00			
7		Am=(1/2)(1X1+0.2x0.2)	6	35.00			210.00			
+		-window grill						1.0	67.50	14,175.00
+		:				Total	210.00	kg		
+										
16	11.1	Providing and making 6mm							ĺ	
		thick cement plaster of		,	1					
		mix:								
$\dashv$	1.2	In Cement mortar 1:4 (1	1							
		cement: 4 fine sand)		6.00	4.50		54.00			
-		-ceilling class	2	2.90	2.90		8.41			
-		-office	1		1.80		16.38			1
_		-ver	1	9.10	2.90		8.41		87.00	7,586.40
		-kitchen	1	2.90	2.50	Total	87.20	sqm	07.00	
		-Kitchen							-	
		Providing and making						1		
17	11.2	12mm thick cement plaster								
		of mix: In Cement Mortar 1:5 (1								
	2.3	cement: 5 fine sand)				3.30	138.60			
		-inner plaster 6+4.5	2x2	10.50		3.30	38.28			
		-inner plaster 014.5	2	5,80		3.30	71.94			
		-office 2.9+2.9	2	10.90		3.30	38.28			
		-ver. 9.1+1.8 -kitchen 2.9+2.9	2	5.80		2.10	-5.46			
		-kitchen 2.9+2.9	1	2.60		2.10	-11.55			
		Deductioncg	5	1.10		1.20	-10.80			
		Deductiond	6	1.50		1.20	-3.60			
		Deductionw	2	1.50		0.20	-1.62			04 547 75
		Deduction-jali	9	0.90		Total	254.07	sqm	96.50	24,517.75
		Deductionventi.								
		Providing and making								
18	11.3	15mm thick cement plaster				1				
		on the rough side of single			-					
		or half brick wall of mix:								
		- Coment Mortar 1:2 (1								
	3.3	cement: 5 fine sand)				4.00	125.60			
		cement: 5 fine sandy	2	15.70		4.00	64.00			
		-outer plaster	2	8.00		4.00	04.00			
						Total	189.60	som	113.00	21,424.8
						Total	103.00	3411	1.0.50	,
		d loving								
19	12.13	Providing and laying								
	-	vitrified floor tiles with								
		double charge/ multi								
		charge printing with water			1				6	
		absorption less than 0.5%								
		and conforming to IS:						1		
		15622 of approved make in								186
		all colours and shades and								
		size mentioned below (+/-								
		10mm), laid on 20mm thick							2 20	
		cement mortar 1:4 (1							<u> </u>	- II II II
	-	cement: 4 coarse sand)							laker Softwa	

Bin 7		1		В	H/D	QTY	UNIT	RATE	THUOMA
REF	ITEM DESCRIPTION	N	L	B	ועות	- QII	0.111	-10115	
	including grouting the								1
	joints with white cement					ĺ		ĺ	
	and matching pigments etc	.							
	complete.								
13.1	Size 600x600mm			450		54.00			
	-class	2	6.00	4.50		8.41			
	-office	1	2.90	2.90		16.38	-		
	-ver	1	9.10	1.80		8.41	-		
	-kitchen	1	2.90	2.90		8.70			
	-total skirting length	1	87.00	0.10		-0.81			
_	Deductionopen length	1	8.10	0.10					100 440 50
_					Total	95.09	sqm	1151.00	109,448.59
-					1000				
20 12.4	6 15 mm thick Table								
	rubbed polished Granite					1			
	stone slab in risers and								
	treads of steps skirting								
	dado and pillars laid on			1					
	12mm (Average) thick ba	.se							
	of cement mortar 1:3 (1								
	cement: 3 coarse sand) as	nd							
	jointed with grey cement	:							
	slurry including rubbing	.							
	and polishing etc.								
	complete (single stone is	to							
	he used for risers and	1				1			_ =
	treads of steps and width	of							
	stone for skirting and date	do						Ì	
	chall be equal to the	1							
	height of skirting & dade	<b>&gt;</b>						1	
	and length of 1.0 m).			— i				-	
	6.1 Granite stone grey/pink		2.90	0.70		2.03			
<del></del>			2.00	0.30		1.17		1222.0	5 000
_		<del></del>			Total	3.20	sqm	1869.0	5,980.
	.13 Providing and applying								
21 14	2mm thick ready mix								
	exterior grade approved								
	make putty (like Birla wa	11							
	care, Alltek Superfine W	/R							
	care, Alitek Superfine	,							
	of (NCL), Asian, ICI,								
	Nerolac, J.K. wall putty)						1		
	on walls to make the								
	surface smooth and even.	2	6.00	4.50		54.0	0		
	-class ceiling	$-\frac{1}{1}$	2.00	2.90		8.4	1		
	-office	$-\frac{1}{1}$	0.40	1.80		16.3	8		
	-ver	<del>-  </del>	0.00			8.4	1		
	-kitchen	2x2			3.30		-	-	
_	-inner plaster class	2			3.30			+	
	-office	$\frac{2}{2}$		1	3.30				
_	-ver		1.0.00			1 11.0	1	14-1 C- C	twai Pg. 8

Powered By: Estimate Maker Softwar Pg. 8

REF		DESCRIPTION	N	L	В	H/D		UNIT	RATE	THUOMA
		hen 2.9+2.9	2	5.80		3.30	38.28			
		uction-c.g	1	2.60		2.10	-5.46			
		uctiondoor	5	1.10		2.10	-11.55			
	Ded	luctionwindow	6	1.50		1.20	-10.80			
	Dec	luctionjali	2	1.50		1.20	-3.60			
	Dec	ductionventilator	9	0.90		0.20	-1.62			
	-ou	ter plaster quantity	1	189.60			189.60			
							500.07		94.50	50,167.21
						Total	530.87	sqm		
14.	12 Ar	pplying one coat of								
\		ment primer on wall								
1		urface (applied @ 0.80								
		trs/10 sqm) complete.					254.07			
+		nner plaster quantity	1	254.07			189.60			
+		outer plaster quantity	1	189.60			87.20			
+		celling quantity	1	87.20		-				12,210.01
+						Total	530.87	sqm	23.00	12,210.01
+						,,,,,,,				
23 1	4.11	Wall painting with acrylic								
٠ ا	1	luxury emulsion (plastic)								
	1	paint of required shade to								
		give an even shade.			-			1 1		
1	11.1	On new work (two or more								
1		coats)		254.07			254.07	-		
$\neg$		-inner plaster quantity		87.20			87.20	-		
		celling quantity				7-4-1	341.27	sam	52.50	17,916.67
						Total	341.27	54		
		Painting exterior surface								
24	14.15	with ACRYLIC								
		SMOOTH exterior paint								
		of required shade as per								
		manufacturer's					1			
		enecifications to give		-						
		protective and decorative								
		finish including cleaning								
		washing of surface etc.					-	-	-	-
		complete with:	-						-	
	15.1	On new work (Two or more coats applied @ 1.43		,			1			
		ltr/ 10 sqm over and								
		including priming coat of								
		exterior primer applied @								
		2.20 kg/ 10 sqm)		100	60		189.	en l	-	-
_		-outer plaster quantity		1 189.	60		103.	-	-	-
-	-	-Outer breases				Tot	al 189	60 sqm	56.	00 10,617
						- 100	105.	ou oqui	30.	10,011
25	5 14.17	Painting exterior surface								
1	1,300	with TEXTURED exterior							-	
		paint of required shade as								
1		per manufacturer's							Maker Soft	vai Po. 9

F	REF	ITEN	DESCRIPTION	N	L	В	H/D	QTY	UNIT	RATE	MOUNT
		spec	ifications to give								
			ective and decorative								
		1.	sh including cleaning								
		1					,				
		1	hing of surface etc.						1 1	1	
			nplete with:								
	17.1	On	new work (Two or						1 1		
1		mo	re coats applied @						1 1		
1		3.2	8 ltr/10 sqm) over and						1 1		
1		line	cluding priming coat of						1 1		
1		1	terior primer applied @						1 1	1	
1			20kg/ 10 sqm						-		
+			2018 10 24.11	1	13.00		4.00	52.00			
	-	-		1	2.90		4.00	11.60		140.00	8,904.00
							Total	63.60	sqm	140.00	
00	140	,   A	applying priming coat on								
26	14.2		teel work with red oxide								
	1		zine chromate primer.								
		2	and chromate printer.					62.64			
	-							CO CA	com	17.50	1,096.20
	-						Total	62.64	Sqiii		
_	7 14	.22	Painting on new work (two				1	j			
4	27 14	.22	or more coats) to give an								
			even shade with:								
-		22.1	Satin synthetic enamel								
	1		paint		0.00		2.10	10.92			
-	$\dashv$		-cg	1x2	2.60		2.10	23.10			
-	-		-d	2x5	1.10		1.10	19.80			
-			-W	2x6 2x2	1.50		1.20	7.20			
-	$\neg$		-jali	9	0.90		0.20	1.62			
1	$\top$		-ventilator	- 3	0.00		Total	62.64	sqm	55.00	3,445.20
1			411	-							
	28 1	2.34	Precast Terrazzo tiles				1				
			22mm thick with marble				1		-		
1	1		chips of size upto 6mm in skirting and risers of steps			İ			Ţ		
1	-		and exceeding 30cm in								
1			height on 12mm thick						1		
			cement plaster 1:3 (1								
			cement: 3 coarse sand)		1						
			jointed with neat cement								
			slurry including rubbing								
			and polishing complete			1					
			with tiles of.				,				
}	-	34.2	Medium shade using								
			approximately, 50% white	*							
1			cement and 50% ordinary			.*				Ĭ,	
			cement.	1x3	2.90	0.30		2.61			
			-step top	1x3		0.17		1.47			
			-front	1x1		1.30		3.90	-		
			-pf& ramp	1x1		1.30		3.90			

Powered By: Estimate Maker Softway Pg. 10

		- /K	and the same of			******				
2	1	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
		Carriage by mechanical transport upto 5 km								
		.26.) Buth	1.00	51.09			51.09	Cum	111.00	5670.44
A	ž.,			P	art A-	As per SO	R Total Est	mate A	nount Rs.	1106288.51
	$\exists$					Part	B- for elec	trficatio	n add Rs.	96473.00
1	$\Box$						Gross Es	timate A	mount Rs	<del>1202761.5</del> 1
								<del>Cay a</del>	mount Rs.	1203000.00

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

#### **Abstract**

Sub :- Internal Electrification Work in Primary school Semipali New School Building at ward 48

As per Sor :- Schedule of Rates Public Works Department [ PWD Electrical 01-06-2020]

	Α	s per Sor :- Schedule of Rates Public Works Departmen	ILLEANDE	ection o	100 =	
S.N o.	Ref. no	Item of Work	Unit	Rate	Qty	Amount
<del>-                                    </del>		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)				
					40	7072
_	1.10.1	Short Point	Point	442.00	<u>16</u>	5272
	1.10.1	Medium Point	Point	659.00	<u>8</u> 6	5532
	1.10.2	Long Point	Point	922.00	6	5552
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)				
			Metre	92.00	70	6440
	1.13.1	3 X 1.5 sq. mm in 20mm conduit	Metre	111.00	70	7770
	1.13.2	3 X 2.5 sq. mm in 20mm conduit 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 4 42	Ceiling rose 3 pin 5 amps	Each	32.00	14	448
	5.1.13 5.1.15	Detten/ angle holder	Each	38.00	15	570
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	14	2604
	6	FANS, LUMINARIES AND LAMPS				-
6	6.1	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	14	23758
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.				
				1		1.43

1	2			1		
5.N	Ref. no	Item of Work	Unit	Rate	Qty	Amount
	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.				
	6.19.3	18/20 watt {4 feet}	Each	443.00	16	7088
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	3	10866
	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)				
10	9.4.1	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	5754
	12	EARTHING				0
4.0	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	And an analysis of the second	3734
12	12.18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/concealed conduit/ submain wiring/ cable as per specification.	Metre	19.00	42	798

			A PROPERTY OF THE PARTY OF THE	-	P-DATE-CONTINUE AND CONTINUE AN				
Ref. no	Item of Work	Unit	Rate	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 (1968, Part 1).		102.00	20	4017				
145 44 7	12 - 10 en mm en 9 SWG GI hearer wire	Metre	103.00	29	-				
15.11.3	A COD Total Estimate Amou	nt Rs.			96473.00				
	As per SUK Total Estimate Amount To								
	15.11	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).	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 (1968, Part 1).	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).  15.11.3 2 x 10 sq. mm. on 8 SWG GI bearer wire Metre 103.00	Ref. no  Ref				



Name of Work :- Dismantling of Old School Building

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

	C. Conedule of Rates Public \	VOLK:	s Departm	ient [ l	PWD BUILI	DING 01-0	1-20151		
Sno.	ITEM DESCRIPTION	N	L	В	i i	Qty	Unit	Rate	Amount
1	16.42 Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead				1110	Giy	One		
		12	0.20	0.40	4.20	4.03	1	1	
		1	98.20	0.20		5.89	1	1	
		2	98.20	0.20		3.93	1		
		1	19.50	7.50		17.55	1		
		1	19.50	0.60	0.10	1.17			
1					Total	32.57	Cum	768.00	25015.30
2	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			
	20.0.0 III demente morte.	1	55.1	0.2	0.8	8.816			
					Total	101.456	Cum	263.00	26682.93
4	16.26 Dismantling doors chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead.	9				9	Each	100.00	900.00
5	16.27 Dismantling windows chowkhats with shutters (steel or wood) including architrave, hold fast etc. complete and stacking within 50 metres lead	6				6	Each	66.50	399.00
u Is 5 g ri di	6.31 Dismantling steel work in built- p section in angles, channels, flats section and T-section including all usset plates, bolts, nuts, cutting vets, welding etc., including ismembering and stacking within 50 setres lead.	1	2	2.4	30	144	kg	1.00	144.00

6	Taking out stone/ concrete/wooden lintels from building masonry of doors windows or any other opening for thickness upto 15 cm.	4	20			80	Metre	73.00	5840.00
	1.26 Carriage by mechanical transport upto 5 km lead:								
	1.26.3 Dismantled Building debris (Mulba)	1	134.03			134.03	cum	91.50	12263.56
				As	per SOR To	tal Estim	ate Amo	unt Rs.	78768.92

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

Name of Work :- Maitenance , Renovation and Strenthing work of Toilet Block

no.	er Sor :- Schedule of Rates Public Works Depart	N	L	В	H/D	Qty	Unit	Rate	Amount
十	14.45 Removing dry or oil bound distemper by								
	scraping sand papering and preparing the surfaces								-1
1	smooth including necessary repair to scratches etc.							h	
	complete								
	toilet Block	2	3.30		3.00	19.80 9.60	-	-	
		2	1.60	0.70	3.00	5.04			0
	CHHAJJA	2	7.00	0.70		9.80			. 5. 4
	- 11	1	3.30	3.00		9.90			
	ceiling Toilet Block	1	3.00	1.40		4.20			303.37
	Tollet Block	<u> </u>		Ne	t Total	58.34	sqm	5.20	303.57
	14.46 Removing old paint or polish by paint remover								
	or blow lamp or any other means as approved	1							,
2	including preparing the surface smooth after	1			-				
	removing the paint	2	2.00		2.10	16.80			
		2	1.00		2.10	16.80			-
		<u> </u>			Total	33.60	sqm	32.50	1092.00
				-					
	16.8 Dismantling flag stone flooring laid in		1					,	
_	I am ant/lima moriar illululus survisios								
3	serviceable material and disposal of unserviceable material within 50 metre lead.		4-						
	material within 30 mede least.	1	4.20	3.20	=	13.44			
		1	3.00	1.50		4.50			4022.50
					Total	17.94	Sqm	57.00	1022.58
	17.1 Repairs to plaster in patches of area 2.5 sq.					Ì			
	I wonder including cutting the paten in	1		87	-		1	1	1
	I when whing out joints and preparing and			1			1		
	plastering the surface of the walls with cement						Ì		
4		1	1			1			l
	(in cand) complete including disposal of rubbish to						1		4
	the dumping ground within 50metres lea				*				
	45	10	1.10	+-	0.90	9.90			
	17.1.1 Thickness upto 15mm	9	0.90	1	0.90	7.29			
	,	8	0.90		0.75	5.40			
					Total	22.59	Sqn	n 132.0	0 2981.88
	Excavation for all types and sizes of foundations,			T					1
5	trenches and drains or for any other purpose						,		= J=
	including disposal of excavated stuff upto 1.5 m lift	1	1						
	and lead upto 50m (at least 5m away from the				1			=	
	excavated area), including dressing and leveling of			_	=				- Cal
	pits								
	In all types of soils. ( septik tank)	1	3.90	2.40	2.80	26.	21		
						26.	21 cu	m 185	4848.48
	Brick work with modular fly-ash lime bricks (FALG				1				
6	Bricks) confirming to IS:12894-2002 of class	1		1		1		5/ T	
	designation 40 in foundation and plinth in:	1 .	1	1	1	4	1		1 500 500

		ITEM DESCRIPTION		TN		L	В	T	VD	Qty	Unit	Rate	Amount
	4	ment Mortar 1:6 (1 cement : 6 coarse sand)	Ж	1	3.	.20	0.2	+-		0.38	O III	- rusu	Amount
-				1	4.	.50	0.20	-		.54	-	19	12
		Providing and laving			+	-		-		.92	Cum	3350.0	0 3095.40
		Providing and laying nominal mix cement co- with crushed stone aggregate using concrete											
	7	in foundation, plinth and at ground level excl cost of form work.	uding										
		1:3:6 (1 cement : 3 coarse sand : 6 graded aggregate 40mm nominal size).	stone	1	3.3	10	1.50	0.1	.o o.	50		-	
		- W		1	3.6	0	2.40	0.1	0 0.	36			
L								Total	1.3	36	Cum	2789.00	3790.25
	8	Providing and fixing formwork including cente shuttering, strutting, staging, propping bracing complete and including its removal at all levels,	etc.									1	;
		Foundations, footings, bases of columns pl beam, curtain wall in any shape and size and type of wall below plinth level.	inth				y		- 0		_ 4		
				4	3.30			2.40	31.6	8		1	. A
	1		7	6	1.80	I	Ţ	2.40		_			1
			90 1 1		1		· To	otal	57.6	0   5	qm	294.00	16934.40
	r	3.2 Providing and laying nominal reinforced cement concrete with crushed tone aggregate using concrete mixer in	nix all				= 100		1	1 1 1 1 1	i		
9	3	vorks upto plinth level .1.5 1:1½:3 (1 cement : 1½ coarse sand :	3	-		1	+	-		2	- 1		
_		raded stone aggregate 20mm nominal size). eptic tank	+-	+	2.50	-	-	2.40	-	+	1		
_	130	pho tank	3	-	3.60 1.80	0.2	بـــــــــــــــــــــــــــــــــــــ	2.40	3.46	1	1.		-
_	$\vdash$		1	-	3.60	2.4		0.15	0.86	1	1		
_	COI	ver	$\frac{1}{1}$		3.60	2.5		0.13	1.30	╫	+		
$\dashv$			1-	+	3.00	2.5	Tota		1.08 6.70	Cu	m	163.00	27875.45
0	Pro	viding and placing in position reinforcement for	r	7_		1	T		0.70	1	-	105.00	2/0/3.43
		C. work including straightening, cutting		1						:			1
- 1		ding, binding etc. complete as per drawings iding cost of binding wire in foundation and		1,					1				
- 1		h all complete:					1		1				
1				i.	_								
-	_	no-Mechanically treated bars FE 415 Painting on new work (two or more coats) to		6.	70	60	) kg/c	um	334.80	k	2	54.5	18246.6
4		n even shade with:		1	- 1								
14	.22	1 Satin synthetic enamel paint		4			1						
			2	2.0	00		2.	10	16.80	_	+		
			!	12			To	tal	16.80	sqr	n	55.00	924.00
		Providing and applying 2mm thick ready mix					,				+	3.00	324.00
		r grade approved make putty (like Birla wall liltek Superfine W/R of (NCL), Asian, ICI,		58.3	34							1	
Ner	olac	, J.K. wall putty) on walls to make the		-					58.34	sqn	n   S	94.50	5513.13
iurt	ce	smooth and even.										E role	

						C			1
	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
0	Applying one coat of cement primer on wall								2 B
13	surfa (applied @ 0.80								, bear to a
13	litrs/10 sqm) complete					50.24	-		
$\neg$			58.34	-	Total	58.34 58.34	sqm	23.00	1341.82
					Total	58.34	Sqiii		
$\neg$	14.11 Wall painting with acrylic luxury emulsion						1		
14	(plastic) paint of required shade								
	to give an even shade.		20.47	-		29.17			977.20
	14.11.2 On old work (one or more coats		29.17	-	Total	29.17	sqm	33.50	9/7.20
				_	10				77
	12.9 Providing and laying ceramic glazed floor tiles								
	conforming to IS: 15622 of approved size, make,								
	colour, shade laid on 20 mm thick Cement Mortar			2					
15	1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching								
	pigment etc., complete.	= =					-		
	pignicite etc., completes			2.50		8.25			
	12.9.2 Size above 300x300mm	1	3.30	1.80		5.94			10330.32
		1	3.30	1.00	Total	14.19	Sqm	728.00	10550.52
	II o'll o								
	12.7 Providing and fixing ceramic glazed wall tiles								
	conforming to IS: 15622 of approved make, colours, shades and size on wall and dados over 12								
	mm thick bed of cement Mortar 1:3 (1 cement : 3						-		
16	leases sand) and jointing with grey cement stury								
	a 3kg per sam including pointing in write				_				
	cement mixed with matching pigment complete.	İ							
	200v200mm	1	9.50		2.10	19.95		587.00	11710.65
	12.7.1 Size upto 200x300mm				Total	19.95	sqm	587.00	11/10/05
	4.16 Providing and laying 3mm thick APP (Atactic					-			
	Polypropylene Polymer)			- 1	1				
	modified prefabricated five layer 3mm thick water			- 1	1				
	proofing membrane, black finished reinforced with non-woven polyester			- 1	1				
	matt consisting of a	i		1	l				P. A. B.
	coat of bitumen primer for bitumen membrane @				,			=	
	n 40 ltr/sam, by the	I	1						1
	same membrane manufacture of density at 25°C,								
	0.87-0.89 kg/ltr and								
	viscosity 70-160 cps. Over the primer coat the layer		1					_	
	of membrane shall be aid using Butane Torch and sealing all joints etc.,	1							
	and preparing the	· . [							
	urface complete. The vital physical and chemical	1	1				-		
	parameters of the	- 1	l				Ξ	-	
١.	nembrane shall be as under :Joint strength in			- 1					y y
lo	ongitudinal and transverse					_	l V		
	irection at 23°C as 650/450N/5cm. Tear strength						-		
	longitudinal and								
	ansverse direction as 300/250N. Softening point			- 1				-	
1	membrane not less	ų.						M	
	an 150°C. Cold flexibility shall be upto -2°C when			- 1					100 PM
- 1		- 1		- 1					
te	sted in accordance th ASTM, D - 5147.							3-	, in the second

	ITEM DESCRIPTION								
7	DEGORPHON	1	L	В	H/D	Qty	Unit	Rate	Amount
	2 1	1	3.0	1.5	0	4.50		-	
		1	3.00	1.8	0	5.40			-
120		$\top$		_	Total			396.00	3920.40
	14.15 Painting exterior surface with ACRYLIC				10	3.50	+		
	SMOOTH exterior paint of required shade as ne	r			1			b.	
18	manufacturer's specifications to give protective and	4			1				
	decorative finish including cleaning washing o	f			1			e e	
	surface etc. complete with:								
	14.15.2 On old work (One or more coats applied @	-	-	+-	<del> </del>			37.00	1079.29
a	0.83 ltr/ 10 sqm)	1	29.17			29.17	sqm	37.00	
19	Providing and fixing water closet squatting pan	-		-	<u> </u>	1			
-	(Indian type W.C. pan ), 100mm sand cast Iron P or				1				
1	S trap, 10 litre low level P.V.C. flushing cistern			1		1			
	(same colour) conforming to IS: 7231, with flush		.						E22
	bend and other fittings and fixtures complete								
	including cutting and making good the walls and								2459
	floors wherever required:			+-		1.00	each	2459.00	2459
_	White Long pattern W.C. pan of size 580 mm	_						#. 2	
	18.76 Providing and fixing on wall face or under floor UV stabilized			,			, ,		_
	Unplasticised Rigid PVC pipes (single socketed)		-						
	having 3.2mm wall								
2	thickness conforming to IS: 13592 (4kg/sqcm)								,
	including required couplers, jointing with seal ring conforming to IS:					1			
	5382 leaving 10 mm			-			11		
	gap for thermal expansion etc complete.			-		7.00	metre	267.00	1869.00
-	18.76.2 110 mm dia pipe.	1	7.00			7.00			
-	9.13 Providing and fixing steel door/ window with		10						
	frame of angle Iron, diagonary								
1.	ton of suitable size, side in in								
21	M.S. gusset plates of James								
	necessary fittings complete including applying a priming coat of red			$\longrightarrow$	60.00	60.00	kg	75.00	4500.00
-		. 1			00.00	00.00			
$\vdash$	18.77 Providing and fixing on wall face UV stabilized								
	1								· ·
22	moulded fittings/ accessories having 3.2mm wall		ž						
	thickness for Rigid								
а	18.77.1 Tee/ Tee with door/ Bend 45°/ Bend 90°							112.00	226.00
	18.77.1.1 75 mm	3				2.00	each Each	113.00 129.00	258.00
b c	75 mm	2				2.00	Each	224.00	448.00
1	110 mm	2				2.00	each	227.00	454.00
6	18.77.5 "P" trap 110mmx110mm long	$\frac{1}{3}$		_		2.00	each	129.00	258.00
f	18.77.8 Plain reducing Tee 110x75mm	<del>-</del>						4	
	19.13 Providing and fixing 15 mm nominal bore	-		1					
23	Brass bib/stop cock of approved quality:								
		4				4.00	each	185.00	740.00
	19.13.1 Bib cock (250 grams)				_			700,00	1257

	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit	Rate	Amount
5		-			טעה		- 0,,,,,	1,440	1.12
P	7 P. C.	1	3.00	1.50		4.50	-	-	
	and the second s	1	3.00	1.80		5.40		205.00	3920.40
55-	1				Total	9.90	Cum	396.00	3320.40
	4.15 Painting exterior surface with ACRYLIC					1			
	MOOTH exterior paint of required shade as per						1		
7 K I	nanufacturer's specifications to give protective and		1				1		
(	decorative finish including cleaning washing of					l	1		
	surface etc. complete with:								
$\dashv$	14.15.2 On old work (One or more coats applied @	-				29.17	sqm	37.00	1079.29
- 1	0.83 ltr/ 10 sqm)	1	29.17			29.17	34,11,		
1		_							
19	Providing and fixing water closet squatting pan								
	(Indian type W.C. pan ), 100mm sand cast Iron P or								
	S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush					1			
	bend and other fittings and fixtures complete								
	including cutting and making good the walls and								2450
	floors wherever required:					1.00	each	2459.00	2459
	White Long pattern W.C. pan of size 580 mm	-		$-\!\!\!+$		2,00			
-	18.76 Providing and fixing on wall face or under				- S	7 2	54	-	
	a interaction		-	l					
	Unplasticised Rigid PVC pipes (single socketed)		-				-		
	l a sall								
20	thickness conforming to IS: 13592 (4kg/sqcm)				j				
	including required couplers, jointing with seal ring conforming to IS:				-				
	leans terring 10 mm					2			
	5382 leaving 10 mm gap for thermal expansion etc complete.			-		7.00	metre	267.00	1869.00
<u>_</u>	to 70 2 110 mm dia pipe.	1	7.00						
	to the stool door/ window with								
	9.13 Providing and fixing steel door, the same of angle Iron, diagonal M.S. sheet 1mm thick, frame of suitable size, 3.00 mm					,			
	M.S. sheet 1mm thick, frame of angle is a sheet 1mm thick, frame of angle is a sheet 3.00 mm braces of angle is a sheet in a sheet i		-		1.2	_ "			
21	M.S. gusset plates at junctions and corners, all		l						
	necessary fittings					60.00	kg	75.00	4500.00
	complete including applying a printing co-	· 1			60.00	60.00	_ ^8	76.62	
	18.77 Providing and fixing on wall face UV stabilized								
	18.77 Providing and Halling Off Halling								
22	Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall								g
	Lucitimese for Rigid								
	18.77.1 Tee/ Tee with door/ Bend 45°/ Bend 90°		- 1						
a	18.77.1 1667 166	3				2.00	each	113.00	226.00
<u>Б</u>	18.77.1.1 75 mm	2				2.00	Each	129.00	258.00
c	75 mm	2				2.00	Each	224.00	448.00 454.00
<del>  -</del>	110 mm	1				2.00	each	227.00 129.00	258.00
e	18.77.5 "P" trap 110mmx110mm long	3		_		2.00	each	129.00	2000
f	18.77.8 Plain reducing Tee 110x75mm  19.13 Providing and fixing 15 mm nominal bore								
	19 13 Providing and liking 13 min	- 1	1	1	- 1		٠	1	
	13. 14 John cock of approved quality:	- 1	1	1	1		1		4.51
	Brass bib/stop cock of approved quality:					4.00	each	185.00	740.00

ITEM DESCRIPTION  N  L  B  H/D  Qty  Unit  19: Providing and fixing Chlorinated Polyvinyl Chloring the (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of						<u>^</u>		Unit	Rate	Amount
Chloi, le (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & 24 brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge 19.6.1 15 mm nominal outer dia pipes 2 15.00 30.00 metre 185.00 5550.00 7.2 20mm dia nominal bore 1 30.00 30.00 metre 185.00 5550.00 19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow	1	ITEM DESCRIPTION	N	L	В	H/D	Qty	Unit		
19.6.1 15 mm nominal outer dia pipes  7.2 20mm dia nominal bore  1 30.00 metre  19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow  30.00 metre  2 30.00 metre  3 30.00 metre  2 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre  3 30.00 metre		Chloi le (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge		15.00						2745.00 5550.00
19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow		19.6.1 15 mm nominal outer dia pipes					30.00	metre	102.10	
	25	19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for				No.	: :- :	£ .		200
1   500.00   COR Total Estimate Amount Rs.   139144.2		pines but without fittings and the base support		- 1-		4	500.00	Liters	7.30	3650.00
	$\vdash$	pipes but without item 85 and a	1	500.00	بليب	SOR To	al Estim	ate Am	ount Rs.	139144.21