

कारालिय, नगर पालिक निगम, कोरबा (छ.ग.)

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

टी.पी. नगर जोन

फा.क. / 268,267,268,269,270,271 / निर्माण (टी.पी. नगर) / 2024 /

कोरबा, दिनांक 11.09.2024

निविदा आमंत्रण की सूचना

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्य के कार्यों क्र. 01 से 03 तक के लिए प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 एवं PWD Electrical SOR 01.06.2020, कार्य क्र. 04 के लिए हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 & PWD Road SOR 01.01.2015 एवं कार्य क्र. 05 से 06 तक के लिए प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचलित PWD Building SOR 01.01.2015 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर शेड्युल अनुसार आयटम दरों पर Form-A निम्नलिखित

ईट से डाउनलोड कर त्रि–लिफाफा पद्धति माध्यम से आमंत्रित की जाती है :–

	निर्माण कार्यो हेतु मैन्युअल निविदा वे	बसाईट से डाउनल	ोड कर त्रि–ि	नफाफा पद्धात	माध्यम स जा	कार्यावधि	ठेकेदार	निर्घारित	निविदा
क्र.	कार्य का नाम	प्राक्कलन	घरोहर	ानावदा	निविदा प्रपत्र	प्रापापाप	का वर्ग	प्रारूप में	खुलने की
		राशि में	राशि रू	प्रपत्र का	प्रपत्र		,	निविदा प्रपत्र	अंतिम तिथि
			में	मूल्य				प्राप्त होने	
								अंतिम तिथि	
1									
	वार्ड क्र. 03 राताखार में स्थित						7770777		
	शासकीय माध्यमिक शाला में	14,58,000/-	11,000/-	750/-	Form-A	04 माह	सक्षम श्रेणी	01.10.2024	03.10.2024
1.	अतिरिक्त कक्ष निर्माण कार्य (जिला	14,58,000/-	11,000/-	150			3411	011101202	
	खनिज संस्थान न्यास मद, प्रथम								
	निविदा) वार्ड क्र. 16 में शासकीय प्राथमिक								
	शाला एवं माध्यमिक शाला								
	कोहड़िया (चारपारा) में शौचालय	12,62,000/-	9,500/-	750/-	Form-A	04 माह	सक्षम श्रेणी	01.10.2024	03.10.2024
2.	(बालक / बालिका) एवं किचन शेड	12,02,000/-	7,500/	,,,,,			ત્રના		
	का निर्माण कार्य खनिज संस्थान								
	न्यास मद, प्रथम निविदा)				-				
	वार्ड क्र. 16 कोहड़िया अंतर्गत			,	Form-A	80.00	सक्षम	01.10.2024	03.10.2024
3.	शासकीय प्राथमिक शाला भवन का	16,70,000/-	13,000/-	750/-	roim-A	04 माह	श्रेणी	0111311131	05.10.202
0.	निर्माण कार्य (नवीन भवन) (खनिज								
	संस्थान न्यास मद, प्रथम निविदा) वार्ड क्र. 16 कोहड़िया में सी.सी.				_		सक्षम		
4.	रोड निर्माण कार्य (प्रभारी मंत्री मद,	15,00,000/-	11,250/-	750/-	Form-A	04 माह	श्रेणी	01.10.2024	03.10.2024
4.	प्रथम निविदा)						21 11		
	वार्ड क्र. 16 अंतर्गत कोहड़िया के]
	विभिन्न मोहल्लों में आर.सी.सी.				Form-A		सक्षम		03.10.2024
5.	नाली एवं सी.सी. रोड का निर्माण	20,00,000/-	15,000/-	750/-	. 01	04 माह	श्रेणी	01.10.2024	03.10.2024
	कार्य (खनिज संस्थान न्यास मद,								
	प्रथम निविदा)								
	वार्ड क्र. 16 अंतर्गत कोहड़िया में				Form-A		सक्षम	01 10 2024	
6.	आर.सी.सी. नाली एवं सी.सी. रोड	15,00,000/-	11,250/-	750/-	гогш-А	04 माह	श्रेणी	01.10.2024	03.10.2024
-	का निर्माण कार्य (खनिज संस्थान			>			""		
L	न्यास मद, प्रथम निविदा)						L		

निविदा की शर्ते:-

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

निविदा के दरतावेज 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 साय 3:00 के पश्चात प्राप्त निविदाएँ स्वीकार नहीं किए जावेंगे।

निविदा प्रपत्र नगर पालिक निगम, कोरबा के वेबसाईट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपत्र Form - A/B/ABC (जारी दिनॉक तक सगस्त संशोधनों के साथ) निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर

निविदा प्रपत्र त्रि-लिफाफा पद्धति से मान्य किया जावेगा जो निम्नानुसार होगा:-

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

द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।

तृतीय लिफाफा में उपरोक्त दोनो लिफाफाएँ होगी तथा आवश्यकता पड़ने पर मूल अमिलेख प्रस्तुत करना होगा। (स)

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

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

निविदा प्रपत्र प्राप्त करने हेतु इच्छुक ठेकेदारों को आवेदन पत्र के साथ उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्न हो तो उसका 6. प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिप, उपलब्ध तकनीकी अमले की जानकरी पिछले वित्तीय वर्ष का आयुकर चुकता प्रमाण पत्र, पेन नम्बर, जी. एस.टी. पंजीयन एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, शपथ 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 क. 04 के लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।

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

निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लेवें ताकि प्रारंम 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 माग 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।

ठेकेदार को अपनी दरें शब्दों एवं अंको में लिखना अनिवार्य होगा।

शासन के विभिन्न विभागों जैसे:– खजिन विभाग, श्रम विभाग, समाज कल्याण विमाग 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

...... कार्य प्रारंभ नहीं करने अथवा अपूर्ण स्थिति में छोड़ने पर निगम द्वारा ठेकेदार के विरुद्ध तत् समय में एम.आई.सी. द्वारा स्वीकृत प्रस्ताव के

अधीन कार्यवाही की जावेगी जिसकी संपूर्ण जवाबदारी ठेकेदार की होगी।

सफल निविदा दाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी जबकि निविदा की दरों में काफी कमी हो जैसे निविदादाता को निविदा दर एवं अनुमानित लागत से 10 प्रतिशत से अधिक निविदा दर होने 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 कोरवा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के मीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।

सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रनिंग देयको के साथ 01 वर्ष एवं 5 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस

सिक्यूरिटी के रूप में रोकी जावेगी। मरम्मत कार्य हेतु मात्र सुरक्षा राशि की कटौती की जावेगी।

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

निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विमागों में किये जा रहे कार्यों का विवरण राशि सहित मूल प्रति में वैध शपथ पत्र कंडिका क. 04 के प्रथम लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।

ईट से संबंधित निर्माण कार्यों में पलाई ऐश ब्रिक्स का उपयोग किया जाना अनिवार्य होगा।

निविदा प्रपत्र अहस्तांतरणीय होगा एवं संशर्त 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 From-A के क्लाज नंबर-11 अनुसार एस्केलेशन देय नहीं होगा। 22. टावपरा अपन मार्गाम्य पर पराज्या वर मार्गाम्य पर अपुराष्ट्र प्रवंधन नियम 2016" में किये गये प्रावधानों का पालन करना अनिवार्य होगा।

24. टेकेदार द्वारा संपादित किये गये कार्यो के देयकों का भुगतान बजट आबंटन और राशि उपलब्ध होने पर किया जावेगा।

निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।

निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी।

26. नोटः⊢

अमानत राशि के रूप में एफ.डी.आर. /टी.डी.आर. अथवा नगद जमा रसीद पृथक से लिफाफे में स्वीकार किए जावेंगे आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो।

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

पृष्ठा.क. / 266,267,268,269,270,271 / निर्माण (टी.पी. नगर) / 2024 / प्रतिलिपि :-

कोरबा, दिनांक 11.09.2024

1	प्रोग्रामर, संचालनायलय,	नगरीय प्रशास	न एवं विका	त विभाग	, मंत्रालय	अटल	नगर नय	ा रायपुर	(छ.ग.) व	ने uad.cg.gov.in में	अपलोड
١.	किये जाने हेतु प्रेषित।									N	

हस्ताक्षर फर्म का नाम पता मोबाईल नंबर **प्रार्तिक निग**म्

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

me of Work :- Construction of Tollet (Boys) at Govt. Primary and Middle School Charpara Kohadiya at Ward No.-16. (PART-A)

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

s.n.	ITEMS	NO.	1	В	D/H	QTY	UNIT	RATE	AMOUNT
	16.3 Demolishing brick masonry including	1.40.			D/H	QII	CIVIT	MATE	ANIOUNT
_	arches, stacking of serviceable material								
	disposal of unserviceable material within 50								
	metres lead.16.3.3 In cement mortar.]
	metres lead.10.5.5 in cement mortar.								
		1	29	0.2	3	17.4			
		8	1_	0.1	1.5	1.2	<u> </u>		
	septic tank	5	3	0.2	2.1	6.3			
						24.9	cum	263	6548.70
	16.37 Dismantling lime/ cement plaster or								
	skirting at any height raking out joints						i		
	and cleaning the surface for plaster including							l	
	disposal of rubbish within 50								
	metres lead.								
		2	29		3	174			
		4x2	1		1.5	12			
		5x2	3		2.1	63			
	ceilling	1	10		3	30			
						279	sqm	11	3069.00
3	16.42 Demolishing R.C.C. work including							1	
	stacking of steel bars and disposal of					=	1		
	unserviceable material within 50 metre lead.						1		
		-	_						-
								}	
		1	10	3	0.1	3			
		1	3	3	0.1	0.9			
						3.9	cum	768	2995.20
4	16.43 Demolishing cement concrete								
	including disposal of material within 50	1	10	3	0.1	3	cum	329	987.00
	metre lead.16.43.1 1:4:8 or leaner mix								
5	16.44 Extra for cutting reinforcement bars in								
,	R.C.C. or R.B work. (Crosssectional	1	10		3	30	sqm	447	13410.00
	area of RCC/RB work to be measured)	^	10		١	50	34		15410.00
_	311								
6	1.1 Excavation for all types and sizes of		1543						
	foundations, trenches and drains or	-							1
	for any other purpose including disposal of		1						
	excavated stuff upto 1.5 m lift and lead upto		15						
	50m (at least 5m away from the excavated								
	area), including dressing and leveling of pits.		19						
	1.1.1 In all types of soils.								
		1	2.5	2	2.1	10.5			
		6	1.2	1.2	1	8.64			
						19.14	cum	185	3540.90

s.n.	ITEMS	NO.	11	В	D/H	QTY	UNIT	RATE	AMOUNT
7	Providing and filling in plinth with sand/	110.	-	+-	10/11	Q.	- Oitii	10.12	
-	Crusher dust and hard moorum under floor		1		1			1	
William.	in layers not exceeding 20cm in depth	1	1	1				l	
-	consolidating each deposited layer by	1	1	1					
1	ramming and watering, including dressing			1	1				
1	etc. complete.			1					
				1					
		1	2.5	2	0.1	0.5			
		1	6.2	2.3	0.1	1.426			-
		6	1.2	1.2	0.1	8.64			
		<u> </u>		 	1	10.566	cum	371	3919.99
8	3.1 Providing and laying nominal mix plain					1	-		
	cement concrete with crushed stone		l		1	ì			
	aggregate using concrete mixer in all works					ŀ			
	upto plinth level excluding cost of form work.		İ						1
	3.1.2 1:4:8 (1 cement : 4 coarse sand : 8								
	graded stone aggregate 40mm nominal size).					l			
	Braden stone aggregate 40mm normal size).		l			l			1
		1	2.5	2	0.1	0.5	-		
		1	6.2	2.3	0.1	1.426			
		6	1.2	1.2	0.1	0.864			
						2.79	cum	2659	7418.61
9	7.5 Brick work with modular fly-ash lime								
	bricks (FaLG Bricks) confirming to					l			
	IS:12894-2002 of class designation 4.0 in						l		
	foundation and plinth in:7.5.4 Cement								
	Mortar 1:6 (1 cement : 6 coarse sand)								9
	(2 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3								
$\neg \uparrow$		1	11	0.2	2.7	5.94			
		1	19.3	0.2	0.5	1.93			i)
		4	1.2	0.1	1.5	0.72			
\neg						8.59	cum	3263	28029.17
10	3.2 Providing and laying nominal mix								
- 1	reinforced cement concrete with crushed								
	stone aggregate using concrete mixer in all								
	works upto plinth level excluding cost of								
	form work. 3.2.1 1:1½:3 (1 cement : 1½								
	coarse sand : 3 graded stone aggregate								
- 1	20mm nominal size).							.	
	,								ì
		1	2.5	2	0.1	0.5			
	column FOUNDATION B P L	6	1.2	1.2	0.2	1.728			
1.		6	8.0	0.8	0.4	1.536			
		6	0.4	0.4	0.4	0.384			
	column A P L	6	0.2	0.2	3	0.72	- Komi an yi		
	lintel	1	19.3	0.2	0.1	0.386			w/ as
	slab bm	1	19.3	0.2	0.35	1.351			
	roof	1	6.4	2.5	0.1	1.6			
	,					8.205	cum	4163	34157.42

•

s.n.	ITEMS	NO.		_	5 /				
11	3.12 Providing and placing in position	INO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
5.3	reinforcement for R.C.C. work including								
W.	straightening, cutting, bending, binding etc.						1		
Ť	complete as per drawings including cost of	l							
	binding wire in foundation and plinth all	1	ł			820.5	li.	545	44747.25
	complete: 3.12.1 Thermo-Mechanically	-				020.5	kg	54.5	44717.25
	treated bars FE 415		1						
12	2422							1	
12	3.13 Providing and laying damp proof course								
	(upto 50mm thick) with plain							!	-
	cement concrete 1:2:4 (1 cement : 2 coarse	1	19.3			19.3	cum	4237	81774.10
	sand: 4 graded crushed stone aggregate						1		
	20mm nominal size) including form work.								
	2.1 Providing and fixing form work including							1	
	centring, shuttering, strutting,								
	staging, propping bracing etc. complete and		,	1					
	including its removal at all levels, for:								
								1	
12	2.1.1 Foundations, footings, bases of								
-3	columns plinth beam, curtain wall in any							1	
				1					
	shape and size and all type of wall below plinth level.								
	pintin level.								
	-	6X4	1.2		0.2	5.76			1
		6X4	0.8		0.4	7.68			
		6X4	0.4		0.4	3.84			
						17.28	sqm	139	2401.92
14	2.1.5 Columns, Pillars, Piers and likes-	6X4	0.2		3	14.4	sam	297	4276.80
	rectangular or square in shape						sqm	297	4276.80
_	2.1.8 Beams, lintels, cantilevers & walls	1X2	19.3		0.1	46.32	sqm	202	9356.64
16	2.1.7 Suspended floors, roofs, access							l	
	platform, balconies (plain surfaces) and	1	6.6	3.15		20.79	sqm	235	4885.65
	shelves (cast in situ)						•		
17	7.6 Extra for brick work in superstructure			-					-
~	above plinth level for every floor or								
	part thereof in addition to rate for	1	19.3	0.2	3	11.58	cum	3384	39186.72
	foundation and plinth:								
18	11.3 Providing and making 15mm thick								
	cement plaster on the rough side of								
	single or half brick wall of mix: 11.3.3 In								
	Cement Mortar 1:5 (1 cement : 5 fine sand)								
		1	11		2.7	29.7			
	1.0	1	19.3	1 4	3	57.9			
		1	6.6	14.7	3.15	20.79			45515
				,		108.39	sqm	113	12248.07
19	11.2 Providing and making 12mm thick							00.5	5507.35
1	cement plaster of mix:11.2.3 In Cement	1	19.3		3	57.9	sqm	96.5	5587.35
	Mortar 1:5 (1 cement : 5 fine sand)		L	L	لـــــا				

s.n.	ITEMS	NO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
20	12.9 Providing and laying ceramic glazed								
0	floor tiles conforming to IS: 15622								
L'AL.	of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement :								
	4 coarse sand) including pointing the joints	1	6.2	2.3		14.26	sqm	692	9867.92
	with white cement mixed with matching								
	pigment etc., complete.								1
	12.9.1 Size 300x300mm								
21	12.7 Providing and fixing ceramic glazed wall								
	tiles conforming to IS: 15622								1
	of approved make, colours, shades and size								1
	on wall and dados over 12 mm thick bed of							İ	1
	cement Mortar 1:3 (1 cement : 3 coarse								1
	sand) and jointing with grey cement slurry @								
	3.3kg per sqm including pointing in								1
	white cement mixed with matching pigment								
	complete. 12.7.1 Size upto 200x300mm								
		1	19.3		1.5	28.95			
		4X2	1.2		1.5	14.4			
						43.35	sqm	587	25446.45
22	14.13 Providing and applying 2mm thick								
	ready mix exterior grade approved						}		
	make putty (like Birla wall care, Alltek	4.40	40.0				1		
	Superfine W/R of (NCL), Asian, ICI,	1X2	19.3		1.5	57.9	sqm	94.5	5471.55
	Nerolac, J.K. wall putty) on walls to make the surface smooth and even.								
	surface smooth and even.								
23	14.11 Wall painting with acrylic luxury						ļ		
	emulsion (plastic) paint of required shade						1		
	to give an even shade. 14.11.1 On new work	1				136.59	sqm	52.5	7170.98
	(two or more coats)								
24	9.13 Providing and fixing steel door/ window	-			-				-
	with M.S. sheet 1mm thick, frame								
	of angle iron, diagonal braces of angle/ flat								
	iron of suitable size, 3.00 mm M.S. gusset	_							
1	plates at junctions and corners, all necessary	2	1		2.1	4.2			
1	fittings complete including applying a						1		
1	priming coat of red oxide zinc chromate								,
_	primer.								
25	35KG/SQM 9.15 Providing and fixing M.S. grill of					147	kg	75	11025.00
23	approved pattern made of M.S. flats or					-			
	square or round bars welded to steel frame						1		
	of windows etc. including applying a priming								1
	coat welded to frame with all necessary	5	0.8	1	0.3	1.2]
	fitting complete including applying a priming	الما							
10	of red oxide zinc chromate primer.								
				L					
	25KG/SQM	44		JL -		30	kg	67.5	2025.00

s.n	ITEMS	NO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
26	19.6 Providing and fixing Chlorinated Polyvinyl Chloride (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. EXTERNAL WORK 19.6.4 32 mm nominal outer dia pipes	1	100			100	meter	228	22800.00
	19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:				8				
	19.14.1 Bib cock (400 grams)	5				5	each	382	1910.00
	19.14.4 Piller Cock (400 grams)	4			ļ	4	each	398	1592.00
_	19.14.12 Bottle trap set with extension pipes18.1 Providing and fixing water closet	4				4	each	473	1892.00
	squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :18.1.3 White Orissa pattern W.C. pan of size 580x440 mm	1				1	each	2899	2899.00
22	Providing and fixing white vitreous china urinal basin with waste fitting as per IS: 2556, and other couplings in C.P. brass complete: Flat back half stall urinal of size 460x380x250mm					4.00	each	1776.00	7104.00
32	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: 18.17.1 White Size 550x450 mm	4				4	each	1430	5720.00
33	18.25 Providing and fixing flexible P.V.C. waste plpe for sink or wash basin including P.V.C. waste fittings complete. 18.25.1 32 mm dia	4				4	each	68.5	274.00
34	18.26 Providing and fixing PVC waste coupling in wash basin/sink. 18.26.1 25 mm	4				4	each	49.5	198.00

5.1	ı. ITEMS	NO.	П	В	D/H	QTY	UNIT	RATE	AMOUNT
3.		1.0.	-	B	D/H	UIT	UNII	KAIE	AMOUNT
7	for gully trap. 30.00 18.27.1 100x100mm	6				6	each	30	180.00
1	square or round		1			U	eacii	30	180.00
36	18.29 Providing and fixing 600x450 mm								
1	beveled edge 4mm mirror of superior glass						}		
1	(of approved quality) complete with 6 mm	1 ,				2			
	thick hard board ground fixed to wooden	3				3	each	599	1797.00
	cleats with C.P. brass screws and washers								
-	complete.								
37	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								
1	(4kg/sqcm) including required couplers,	10				10	meter	182	1820.00
	jointing with seal ring conforming to IS: 5382							102	1820.00
1	leaving 10 mm gap for thermal expansion etc								
	complete.								
	18.76.1 75 mm dia pipe.								
1	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				1				
	conforming to IS: 5382 leaving 10 mm gap								
	for thermal expansion.								
38	18.77.1 Tee/ Tee with door/ Bend 45°/ Bend								
_	90° 18.77.1.1 75 mm	1				1	each	113	113.00
39	18.77.3 Vent covel	1				-			
_	18.77.3.1 75 mm	1				1	each	34	34.00
40	18.77.4 Access door cap	1						2.2	
_	18.77.4.1 75 mm	1				1	each	49.5	49.50
-								Total Rs	417899.88
-								ation 🎉	12536 4
_	I						Gross	Total Rs	430 to 50
Say Rs 430									

Sub Engineer Municipal Corporation Korba (C.G.)

Asst Engineer
Municipal Corporation
Korba (C.G.)

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

Name of Work :- Construction of Toilet (Girls) at Govt. Primary and Middle School Charpara Kohadiya at Ward No.-16. (PART-B)

	er Sor :- Schedule of Rates Public Works Departme ITEMS	NO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
s.n.		NO.	<u> </u>	В	D/H	QII	101111		
	16.3 Demolishing brick masonry including arches,	1				İ	ļ		
	stacking of serviceable material disposal of					1			
	unserviceable material within 50 metres	1			l	1		1	
	lead.16.3.3 In cement mortar.						<u> </u>		
		1	29	0.2	3	17.4			
		8	1	0.1	1.5	1.2			
	septic tank	5	3	0.2	2.1	6.3			
				To	tal-	24.9	cum	263	6548.70
2	16.37 Dismantling lime/cement plaster or skirting							1	
	at any height raking out joints								
	and cleaning the surface for plaster including						1		
	disposal of rubbish within 50						1 4		
	metres lead.				1	1			
		2	29		3	174			
		4x2	1		1.5	12			
		5x2	3		2.1	63			
	ceilling	1	10		3	30			
		_		То	tal-	279	sqm	11	3069.00
3	16.42 Demolishing R.C.C. work including stacking								
	of steel bars and disposal of							1	
	unserviceable material within 50 metre lead.								
		1	10	3	0.1	3			
		1	3	3	0.1	0.9			
				To		3.9	cum	768	2995.20
4	16.43 Demolishing cement concrete including		3		-				
•	disposal of material within 50	1	10	3	0.1	3	cum	329	987.00
	metre lead.16.43.1 1:4:8 or leaner mix	-			5.2				-
5	16.44 Extra for cutting reinforcement bars in								
_	R.C.C. or R.B work. (Crosssectional	1	10		3	30	sqm	447	13410.00
	area of RCC/RB work to be measured)	-				50	34111	44/	13410.00
6	1.1 Excavation for all types and sizes of								
U	foundations, trenches and drains or			1	1			ļ	
	for any other purpose including disposal of				1		1		
	excavated stuff upto 1.5 m lift and lead upto 50m	1			1				
	(at least 5m away from the excavated area),				1		l		
	including dressing and leveling of pits. 1.1.1 In all			1	- 1				
	types of soils.				1		- 1		
_	17403 01 30113.								
		1	2.5	2	2.1	10.5			
		6	1.2	1.2	1	8.64			
\vdash				Tot	al-	19.14	cum	185	2540.00
									3540.90

s.n.	ITTOAC	1010							
13.1.	Providing and filling in plinth with sand/ Crusher	NO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
1	dust and hard moorum under floor in layers not								
1	exceeding 20cm in depth consolidating each								1
1	deposited layer by ramming and watering,								İ
	including dressing etc. complete.								1
	g areasing ever complete.								l
		1	2.5	2	0.1	0.5			
		1	6.2	2.3	0.1	1.426			
		6	1.2	1.2	0.1	8.64			
				To	tal-	10.566	cum	371	3919.99
8	3.1 Providing and laying nominal mix plain cement								
	concrete with crushed stone aggregate using					l	1	1	
	concrete mixer in all works upto plinth level								
	excluding cost of form work. 3.1.2 1:4:8 (1								
	cement: 4 coarse sand: 8 graded stone								
	aggregate 40mm nominal size).					İ		1	
		_							
-		1	2.5	2	0.1	0.5	 		
-		6	6.2	2.3	0.1	1.426		-	
		-	1.2	1.2	0.1 tal-	0.864		3650	7419.61
9	7.5 Brick work with modular fly-ash lime bricks	-		10	itai-	2.79	cum	2659	7418.61
	(FaLG Bricks) confirming to								
	IS:12894-2002 of class designation 4.0 in				1				l
	foundation and plinth in:7.5.4 Cement Mortar 1:6								
	(1 cement : 6 coarse sand)								1
	(1 centent : o coarse sand)							 	ļ
		1	11	0.2	2.7	5.94		 	
		1	19.3	0.2	0.5	1.93	-	 	
		4	1.2	0.1	1.5	0.72	200.00	10000	
10	3.2 Providing and laying nominal mix reinforced	├		10	tal-	8.59	cum	3263	28029.17
	cement concrete with crushed	1							
	stone aggregate using concrete mixer in all works							1	1
	upto plinth level excluding cost of form work.	1		6.1			1	1	1
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3					1			
	graded stone aggregate 20mm nominal size).								
		1	2.5	2	0.1	0.5			
	column FOUNDATION B P L	6	1.2	1.2	0.2	1.728	 	 	
		6	0.8	0.8	0.4	1.536		†	
		6	0.4	0.4	0.4	0.384		1	
	column A P L	6	0.2	0.2	3	0.72		1	
	lintel	1	19.3	0.2	0.1	0.386			
	slab bm	1	19.3	0.2	0.35	1.351			
20.12	roof	1	6.4	2.5	0.1	1.6			
		 		To	otal-	8.205	cum	4163	34157.42
11	3.12 Providing and placing in position								
1	reinforcement for R.C.C. work including	1		1		1		1	1
١	straightening, cutting, bending, binding etc.						1		
	complete as per drawings including cost of	1				820.5	kg	54.5	44717.25
1	binding wire in foundation and plinth all						1		1
	complete: 3.12.1 Thermo-Mechanically treated								
	bars FE 415	1			i				

	-									
1	s.n		NO	. L	В	D/F	QTY	UNIT	RATE	AMOUNT
	12	3.13 Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand 4 graded crushed stone aggregate 20mm nominal size) including form work.	1	19.	3		19.3	cum	4237	81774.10
		2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: 2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any								,
-		shape and size and all type of wall below plinth level.	6X4			0.2	5.76			
1	\neg		6X4			0.4	7.68			
1			6X4	0.4	-	0.4	3.84			
	14	2.1.5 Columns, Pillars, Piers and likes- rectangular or square in shape	6X4	0.2	-'	otal-	17.28	sqm	297	2401.92 4276.80
	15	2.1.8 Beams, lintels, cantilevers & walls	1X2	19.3	-	0.1	46.32	cam	202	0355.54
	16	2.1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	1	6.6	3.15		20.79	sqm	235	9356.64 4885.65
	,	7.6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	1	19.3	0.2	3	11.58	cum	3384	39186.72
1	5	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: 11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)								
_	4		1	11		2.7	29.7			
-	\dashv		٠ 1	19.3		3	57.9			
-	\dashv		1	6.6		3.15	20.79			
-	-	120			To	tal-	108.39	sqm	113	12248.07
	F	1.2 Providing and making 12mm thick cement plaster of mix:11.2.3 In Cement Mortar 1:5 (1 tement : 5 fine sand)	1	19.3		3	57.9	sqm	96.5	5587.35
	t c r s	12.9 Providing and laying ceramic glazed floor iles conforming to IS: 15622 of approved size, make, colour, shade laid on 20 nm thick Cement Mortar 1:4 (1 cement: 4 coarse land) including pointing the joints with white tement mixed with matching pigment etc., complete.	1	6.2	2.3		14.26	sqm	692	9867.92

Ts.	n. ITEMS	NO.	Ti	В	D/H	QTY	UNIT	RATE	AMOUNT
1 2		1	+-	╁	10/11	- QII	ONI	MAIL	ANIOUNT
	conforming to IS: 15622				1	1			
200	of approved make, colours, shades and size on		l		1				
	wall and dados over 12 mm thick bed of cement				1				
1	Mortar 1:3 (1 cement : 3 coarse sand) and jointing				1		1		
1	with grey cement slurry @ 3.3kg per sqm								
	including pointing in								
	white cement mixed with matching pigment	l		1	1				_
	complete. 12.7.1 Size upto 200x300mm								
<u> </u>									
-		1	19.3		1.5	28.95			
<u> </u>		4X2	1.2		1.5	14.4			
122	44400			To	otal-	43.35	sqm	587	25446.45
22	14.13 Providing and applying 2mm thick ready	1							
1	mix exterior grade approved					l			
	make putty (like Birla wall care, Alltek Superfine	1X2	19.3		1.5	57.9	sqm	94.5	5471.55
	W/R of (NCL), Asian, ICI,				1.5] 57.5	34111	54.5	J4/1.33
	Nerolac, J.K. wall putty) on walls to make the surface smooth and even.		ĺ						
23	14.11 Wall painting with acrylic luxury emulsion								
	(plastic) paint of required shade								
	to give an even shade. 14.11.1 On new work (two	1				136.59	sgm	52.5	7170.98
1	or more coats)						'		
24	9.13 Providing and fixing steel door/ window with						 		
	M.S. sheet 1mm thick, frame								
1	of angle iron, diagonal braces of angle/ flat iron of						7		
	suitable size, 3.00 mm M.S. gusset plates at								
	junctions and corners, all necessary fittings	2	1		2.1	4.2			
	complete including applying a priming coat of red								
	oxide zinc chromate								
1	primer.			-		-			
	35KG/SQM					147	- ka	75	11005.00
25	9.15 Providing and fixing M.S. grill of approved						kg	-/5	11025.00
	pattern made of M.S. flats or	l							
	square or round bars welded to steel frame of							1	
	windows etc. including applying a priming coat	1							
	welded to frame with all necessary fitting	5	0.8		0.3	1.2	1	1	1
	complete including applying a priming of red						- 1	- 1	
	oxide zinc chromate primer.								
-	25KG/SQM					30	kg	67.5	2025.00
26	19.6 Providing and fixing Chlorinated Polyvinyl								
	Chloride (CPVC) pipes, having								
1	thermal stability for hot & cold water supply				- 1		-		-1
	including all CPVC plain & brass threaded fittings.								
	This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling &	1	100	Stylen L		100	meter	228	22800.00
	testing of joints complete as per direction of	1		3000000 1000000000000000000000000000000				223	22000.00
1	Engineer in Charge. EXTERNAL WORK 19.6.4 32		- 16						r at this life
	mm nominal outer dia pipes	- 1							
1	and pipes					-			

1	-		1			,				T 122222
-	s.n.	112110	NO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
	1	19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved			a a					
- 1	1	make and conforming to IS:8931 including C.P. brass extension if required:					1	1	1	
ł	27	19.14.1 Bib cock (400 grams)	-	 			ļ	 		1212.22
1		19.14.4 Piller Cock (400 grams)	5		-		5	each	382	1910.00
t		19.14.12 Bottle trap set with extension pipes	4				4	each	398	1592.00
ŀ		18.1 Providing and fixing water closet squatting	+ 4		├		4	each	473	1892.00
		pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:18.1.3 White Orissa pattern W.C. pan of size 580x440 mm	1				1	each	2899	2899.00
		18.15 Providing and fixing one piece construction white vitreous china squatting plate urinal with an integral rim longitudinal flushing pipe, standard size G.I. flush pipe for back and front flush, C.P. brass coupling complete including cutting and making good the walls and floors etc. wherever required:	4				4	each	2014	8056.00
		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: 18.17.1 White Size 550x450 mm	4				4	each	1430	5720.00
		18.25 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 18.25.1 32 mm dia	4				4	each	68.5	274.00
		18.26 Providing and fixing PVC waste coupling in wash basin/ sink. 18.26.1 25 mm	4				4	each	49.5	198.00
		18.27 Providing and fixing cast iron grating for gully trap. 30.00 18.27.1 100x100mm square or round	6				6	each	30	180.00
		18.29 Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	3				3	each	599	1797.00

	.n.	ITEMS	NO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
		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. 18.76.1 75 mm dia pipe.	10				10	meter	182	1820.00
		18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.								
5	38	18.77.1 Tee/ Tee with door/ Bend 45°/ Bend 90° 18.77.1.1 75 mm	1				1	each	113	113.00
L		18.77.3 Vent covel 18.77.3.1 75 mm	1				1	each	34	34.00
Ľ	40	18.77.4 Access door cap 18.77.4.1 75 mm	1				1	each	49.5	49.50
\vdash								То	tal Rs	418851.88
-								ctrificat		25131.11
1								Gross To		443982.99
_								S	ay Rs	444000.00

Sub Engineer
Municipal Corporation
Korba (C.G.)

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

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

DETAILED ESTIMATE

Name of Work :- Construction of Kitchen Shed at Govt. Primary and Middle School Charpara Kohadiya at Ward No.-16. (PART-C)

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

s.n.	ITEMS	NO.	T-		VVDE		01-01	2015]	
1	1.1 Excavation for all types and sizes of	140.	┸	В	D/H	I QTY	UNIT		AMOUN
	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. 1.1.1 In all types of soils.	6	1.2	1.2	1.2	10.368	cum	185.00	1918.0
	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	6	1.2	1.2	0.1	0.864	cum	371.00	320.5
3	3.1 Providing and laying nominal mix plain		<u> </u>	_					,
	cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.1.2 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
		6	12	4.0					
		1	1.2	1.2	0.1	0.864			
_			۳	_	0.1 tal-	2.4			
4	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.2.1 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size).					3.264	cum	2659.00	8678.98
_		6	1.2	1.2	0.2	1.728			
		6	1.2	8.0	0.4	2.304	\neg		
	PLINTH	6	0.6	0.6	0.55	1.188			
	COLOUMN	1	24	0.2	0.2	0.96	- 1		
	LINTEL	6	3.2	0.2	0.2	0.768			
	SLAB BEAM	3	24		0.15	0.72			
		2	6.3		0.35	0.84			
	ROOF	1	6.3	4	0.35	0.882 2.52	\rightarrow		
						1.3/			

S.n	. ITEMS	NO.		-					
5	2.1 Providing and fixing form work	NO.	<u>L</u>	В	D/H	QTY	UNIT	RATE	AMOUNT
3	including centring, shuttering, strutting,	İ							
800	staging, propping bracing etc. complete								
	and including its removal at all levels, for:	1			1				
		6X4	1.2	-	0.2	5.76			
		6X4	0.8	_	0.4	7.68			
		6X4	0.6		0.55	7.92	 		
		2	24		0.25	12			
				To	otal-	33.36	sqm	139.00	4637.04
6	2.1.5 Columns, Pillars, Piers and likes-	CVO					34111	133.00	4037.0
	rectangular or square in shape	6X2	3.2	l	0.2	7.68	l		
		6X2	3.2		0.2	7.68			
				To	otal-	15.36	SQM	297.00	4561.9
7	2.1.8 Beams, lintels, cantilevers & walls								.002.0
	LINTEL		-	_					
	SLAB BEAM	2	24	-	0.15	7.2			
	OD ID DETAIN	6	4		0.45	10.8			
		2	24	-	0.45	21.6			
8	2.1.7 Suspended floors, roofs, access			To	otal-	39.6	SQM	202.00	7999.2
Ū	platform, balconies (plain surfaces) and						1		
	shelves (cast in situ)	1	6.3	4.3		27.09]		
-	enerves (east in situ)			-					
9	3.12 Providing and placing in position					27.09	sqm	235.00	6366.1
	reinforcement for R.C.C. work including						İ		
							1		
	straightening, cutting, bending, binding								
	etc. complete as per drawings including	_							
	cost of binding wire in foundation and	1				1191	KG	54.50	64909.5
	plinth all complete:								
	3.12.1 Thermo-Mechanically treated bars FE 415			,					
	FE 413				Į				
10	7.5 Brick work with modular fly-ash lime								
	bricks (FaLG Bricks) confirming to IS:12894-								
	2002 of class designation 4.0 in foundation			1			ľ		
	and plinth in:7.5.4 Cement Mortar 1:6 (1	1	22.8	3.2	0.2	14.592	ļ		
	cement : 6 coarse sand					ì	1		
	cernent . o coarse sand								
	KICHEN RECK	6	0.2	0.2	2.1	0.504		 	
	KITCHEN SLAB	11	0.75	0.2		1.65		 	
				To	otal-	16.746			
	7.6 Extra for brick work in superstructure								
	above plinth level for every floor or part					10715			
	thereof in addition to rate for foundation					16.746	cum	3384.00	56668.4
	and plinth:								
11	11.3 Providing and making 15mm thick								
	cement plaster on the rough side of single		4	185		, dire	His	and a	
	or half brick wall of mix:11.3.3 In Cement						y2.	7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Mortar 1:5 (1 cement : 5 fine sand)								
		1	24	3.2		76.8			-
	L	1	6	4		24			

s	.n.	112110	NO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
The same		KITCHEN RECK	6	2.1	0.6		7.56			
-	19	KICHEN SLAB	11	1	1.7		18.7			
		11.2 Providing and making 12mm thick			-		127.06	sqm	113.00	14357.78
1 *	. 2	cement plaster of mix: 11.2.3 In Cement)		
1		Mortar 1:5 (1 cement : 5 fine sand	1	24	3.2		76.8	sqm	96.50	7411.20
1	-	Worter 1.5 (1 cement : 5 line sand					, 0.0	34111	30.30	7411.20
1	3	14.11 Wall painting with acrylic luxury			├—					
	- 1	emulsion (plastic) paint of required shade			ĺ					
	-	to give an even shade. 14.11.1 On new	1							
	- 1	work (two or more coats)			i					
\vdash	-+	WALL			<u> </u>					
	_	KITCHEN RECK	2	24	3.2		153.6			
	_	KICHEN SLAB	6	2.1	0.6		7.56			
\vdash	-	CEILLING	11	1	3.7		40.7			
_	+	CLICLING	1	6	4		24			
14	1	14 13 Providing and applying 2			To	tal-	225.86	sqm	52.50	11857.65
- '		14.13 Providing and applying 2mm thick								
	ľ	ready mix exterior grade approved make						}		
	ľ	outty (like Birla wall care, Alltek Superfine N/R of (NCL), Asian, ICI, Nerolac, J.K. wall								
	ľ	outty) on walls to make the surface								
	,	mooth and even.								
	٦	mooth and even.								
\vdash	1	WALL								
	-	STCHEN RECK	2	6	4		48			
	_	ICHEN SLAB	6	2.1	0.6		7.56			
	$\overline{}$	CEILLING	11	_1_	4.8		52.8			
	+	EILLING	1	2.1	1.2		2.52			
15	+	42.2			To	tal-	110.88	sqm	94.50	10478.16
15	19	.13 Providing and fixing steel door/								20 77 0.11
	١٧	vindow with M.S. sheet 1mm thick, frame								
	0	f angle iron, diagonal braces of angle/ flat								
	In	on of suitable size, 3.00 mm M.S. gusset				8				
	lp	lates at junctions and corners, all	1					-		ł
	n	ecessary fittings complete including							l	
		pplying a priming coat of red oxide zinc								
	C	hromate primer.			_			(*)		
	╀									
	+	DOOR	2	2.1	1.2		5.04		-	-
	_	VINDOW	6	1.2	1		7.2			
	╨	ENTILATOR	4	1.2	0.3		1.44			
	+						13.68			
- 1		pprox 35kg/sqm			To	tal-	478.8	kg	75.00	25010.00
16	٩	12.12 Providing and laying vitrified floor	TE ME					0	, 5.00	35910.00
	ti	les with soluble salt printing, of size	E I I	1-64	Sec.					
	6	00x600mm with water absorption less	4 4	B L T +	-	11173	200		100	* , I= ead
	ti	han 0.5% and conforming to IS: 15622 of	-							
	a	pproved make, laid on 20mm thick								-11 -1
	C	ement mortar 1:4 (1 cement : 4 coarse	1	6	4		24	SQM	963.00	23112.00
	s	and) including grouting the joints with	-		-					
	١٧	white cement and matching pigments etc.								
	С	omplete.							""	— 71 SANG 11 —

150 Ta	n.	ITEMS	NO.	L	В	D/H	QTY	UNIT	RATE	AMOUNT
		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 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.	1	24		1.2	28.8	sqm	587.00	16905.60
1	8 1 f	12.7.1 Size upto 200x300mm 12.49 25 mm thick KOTA stone slab clooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with								
	ir e s	pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 gm and upto 0.50 sqm)								
-	_		5	4	0.6		12			
-	+	ICHEN SLAB	1	10	0.6		6			
-	1						18	SQM	897.00	16146.00
	IS as st pa ar e	8.21 Providing and fixing Stainless Steel A SI 304 (18/8) kitchen sink with drain board is per IS 13983 with C.I. brackets and stainless steel plug 40 mm including ainting of fittings and brackets, cutting and making good the walls wherever equired:								
	_	8.21.4 915x460 mm bowl size 410x355x17	1		.]		1	each	7152.00	7152.00
20	ar br	9.14 Providing and fixing 15 mm nominal ore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. rass extension if required:								, 101.00
<u> </u>		9.14.4 Piller Cock (400 grams)	1				1	each	398.00	398.00
		9.14.7 Angle valve for basin mixer and eyser points (450 grams)	1				1	each	382.00	382.00
21	Po th su th pi ce jo Er	9.6 Providing and fixing Chlorinated obyvinyl Chloride (CPVC) pipes, having hermal stability for hot & cold water upply including all CPVC plain & brass areaded fittings. This included jointing of ipes & fittings with one step CPVC solvent ement, trenching, refilling & testing of ints complete as per direction of ingineer in Charge. EXTERNAL WORK 9.6.4 32 mm nominal outer dia pipes	40		2 1	A STATE OF THE STA	40	metre	228.00	9120.00

	-								
5	ITEMS	NO.	L	B	D/H	QTY	UNIT	RATE	AMOUNT
	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 pipes but without fittings and the base support for tank.	1000				1000	litre	7.30	7300.00
-					Tot	tal Esti	mate /	mount	366171.59
-						Elec	trifica	tion 6%	21970.30
_						G	ross To	tal Rs	388141.89
								Say Rs	388000.00

Sub Engineer
Municipal Corporation
Korba (C.G.)

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