

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

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

सर्वमंगला जोन

फा.क्र. / 802 से 807 / निर्माण (सर्वमंगला नगर जोन) / 2024 / कोरबा,

दिनांक 06.03.2024

निविदा आमंत्रण सूचना

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

- 1. निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने अंतिम तिथि
- 28.03.2024 सायंकाल 3:00 बर्ज तक

2. निविदा खुलने की अंतिम तिथि

28.03.2024 सायंकाल 4:30 बजे से

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5	एवं सड़क निर्माण कार्य। (जिला खनिज	5,00,000/-	3,800/-	750/	_ }	- }	सक्षम	28.03.2024
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गापद	का अधः—							

- निविदा दरें प्रचलित सी.एस.आर.से कुम 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।
- निविदा के दस्तावेज हाथों-हाथ न लिया जाकर रिजस्टर्ड पोस्ट अथवा स्पीड पोस्ट से प्राप्त किया जावेगा। अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक इत्यादि से प्राप्त अथवा समयाविध के पश्चात् प्राप्त निविदाओं पर विचार नहीं किया जावेगा। निविदा **आयुक्त, नगर पालिक** निगम, कोरबा आई.टी.आई. कॉलोनी रामपुर, कोसाबाड़ी जिला-कोरबा (छ.ग.) पिन नं.-495677 के पते पर भेजना होगा। निर्धारित तिथि को सायं 3:00 के पश्चात् प्राप्त निविदाएँ स्वीकार नहीं किए जावेंगे।
- निविदा प्रपन्न नगर पालिक निगम, कोरबा के वेबसाईट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपन्न मिश्रामा - मिश्रिंस (जारी दिनॉक तक समस्त संशोधनों के साथ) निर्धारित शुक्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण

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

- (अ) प्रथम लिफाफा में ठेकेदार का जीवित पंजीयन प्रमाण पत्र, आयकर चुकता प्रमाण पत्र, निविदा सूचना आमंत्रण में उल्लेखित अन्य दस्तावेज के साथ निविदा सूचना जारी होने के पश्चात् दिनोंक का निर्धारित निविदा प्रपत्र शुल्क का डीडी, शफ्थ पत्र राशि रू. 100/— के नान ज्यूडिशियल स्टान्य पेपर पर जिसमें संबंधित कार्य का नाम एवं कार्य की निविदा क. अंकित हो निविदाओं में निविदाकार को फिजिकल दस्तावेज के साथ प्रेषित करना अनिवार्य होगा एवं अमानत राशि का टी.डी.आर. /एफ.डी.आर. नगद निगम कोष में जमा कर जो कि आयुक्त, नगर पालिक निगम कोरबा के नाम पर देय होगा प्रस्तुत करना होगा।
- (ब) द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।
- (स) तृतीय लिफाफा में उपरोक्त दोनो लिफाफाएँ होगी 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 मरने की पात्रता नहीं होगी।
- 6. निविदा प्रपन्न प्राप्त करने हेतु इच्छुक ठेकेदारों को आवेदन पत्र के साथ उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार की किए गए कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकरी पिछले वित्तीय वर्ष का आय वुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. पंजीयन, शपथ पत्र (मूल प्रति) एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी मविष्य निधि संगठन, कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण सूचना (एनआईटी) हस्ताक्षरयुक्त एवं निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कंडिका क्र. 04 के लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।
- 7. कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना कमॉक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर मेजना 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. निर्घारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही माग 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 संबंधी लिफाफा खोला जावेगा अन्यथा निविदा निरस्त कर दी जावेगी।
- 11. टेकेदार को अपनी दरें शब्दों एवं अंकों में लिखना अनिवार्य होगा।
- 12. शासन के विभिन्न विभागों जैसे:— खिजन विभाग, श्रम विभाग, समाज कल्याण विभाग इत्यादि विभागों द्वारा समय—समय पर जारी निर्देशों/आदेशों के पालन की समस्त जिम्मेदारी संबंधित ठेकेदार की होगी।
- 13. ठेकेदार यदि कार्य को अपूर्ण स्थिति में छोड़ता है, तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान के अंतर्गत कार्यवाही की जावेगी।
- 14. कार्य प्रारंग 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 जबकि निविदा की दरों में काफी कमी हो जैसे निविदादाता को निविदा दर एवं अनुमानित लागत से 10 प्रतिशत से अधिक निविदा दर होने पर सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ. डी.आर. / टी.डी.आर. ऑफिस टाईम डिपॉजिट अथवा एन.एस.सी.जो कि आयुक्त नगर पालिक निगम कोरबा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।
- 16. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत सुरक्षा राशि रिनंग देयकों के साथ 01 वर्ष हेतु साथ ही मरम्मत एवं संघारण प्रवृद्धि के कार्यों को छोड़कर 5 प्रतिशत पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस सिक्यूरिटी के रूप में रोकी जावेगी। (मरम्मत संघारण मद के कार्यों को छोड़कर)
- 17. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्नामीण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
- 18. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यो का विवरण राशि सहित मूल प्रति में वैद्य शपथपत्र कंडिका क. 04 के प्रथम लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।
- 19. ईंट से संबंधित निर्माण कार्यों में पलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- 20. निविदा प्रपत्र अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
- 21. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त के द्वारा अधीनस्थ अधिकारियों का निर्णय अंतिम एवं सर्वमान्य होगा।

रिदिदा प्रपत्र ध्यदार-। कें क्लॉज नम्बर - 11 अनुसार एसकेलेजन देव नहीं होता।

- अधिदा स्टीकृत करने अथवा अस्टीकृत करने का अधिकार आयुक्त, नगर पातिक निगम के पास सुरक्षित रहेगा।
- 24 निविदा सुलने की विधि में अवकाश होने पर आमानी विधि (कार्य दिवस) को निविदा सक्यी कार्यशही मानी वार्वशी।

衣一

- अमानत राशि के रूप में एक दी,कर /टी,दी,कर क्रम्या नगर जना रहीर पृथक से लिकाफे में स्वीकार किए जावेंने आयुक्त, नगर पालिक निगम, कोतवा के नाम पर देव हो।
- उपरोक्त विधियों में किसी मी विधि को शासकीय /स्थानीय अवकाश होने की स्थिति में अयले कार्य दिवस को निर्धारित विधि समय एवं स्थान माना जावे।

प्रतिलिपि :— प्रोग्रागर संवालनालवं, ननरीव प्रशासन एवं विकास विनान, नवा सक्पुर छ.ग. को भसभ, uadicgi.gov.in में जपलीस किये जाने हेतुं प्रेषित।

> कार्यप्रालन आगयता ज्ञार पालिक निगम क्रोरबा (छ.ग.)

(ठेकेदार के हस्तहार)

नाम		 	
पूर्ण	पता	 	
-			
मोब	ाईल नं.—		

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

Work Name :-construction of chabutara for sarwamangla at ward no.57 As per SOR Schedule of rates public works department[PWD BUILDING-01-01-2015]

	department of value public works department	Tunent	T	UILDIN	VG-01-01	-2015]			-
5 %	TIEM DESCRIPTION	N	ı	E	3 H/I	QTY	UNIT	RATE	AMOUNT
	(1.2 Surface dressing of the ground including removing vegetation and making u undulations and in-equalities not exceeding 15 cms in depth/height including disposal of rubbish upto 1.5 m lift and tead upto 50m (at least 5m away from the dressed area).								
	toilet	1	10.00	10.00	-	100.00		 	
	chabutra	1		12.00	-	132.00		 	
		-		12.00	-	232.00		7.20	1670.40
	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose moluding 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.						sqm	7.20	1070.40
-	n all types of soil								
	ta).	6	1.50	1.50	1.50	20.25			
-	ක!	6	1.50	1.50		20.25			
-500	step	2	1.60	1.10		1.41			
	step	1	1.60	0.10		0.02			
-	st	1	3.30	2.50		16.09			
	soak pot upto 3 mtr	1	3.14	2.00	1.00	6.28			
10000	scali pt lower portion	1	1.54	0.20		0.31			-
-0.00	tabe bibe	1	7.00	0.40	0.90	2.52			
1	wal	2	1.00	0.40		0.32			
-		3	1.40	0.40		0.67			
-		1	1.50	0.40		0.24			
Charles	wal	1	2.00	0.40		0.32			
despe					0.10	68.67	Cum	185.00	12704.23
The Research Constraint of the Landson States	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.					50.07	Guill	165.00	12704.23
9	A	2	2.40	3.50	0.15	2.52			
- 1	3	1	5.00	4.00	0.15	3.00			
9	A	6	1.50	1.50	0.08	1.08			
8	В	6	1.50	1.50	0.08	1.08			
g g	4	1	21.30	0.40	0.08	0.68			
2	3	1	21.60	0.40	0.08	0.69			
all and a second	ST	1	3.30	2.50	0.08	0.66			
-Charles						9.71	Cum	371.00	3603.45
0	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.							,	2236.10

,		21.00	0.20		5 0.21			
graded stone aggregate 20mm nominal size).								
3.1.5 1:1½:3 (1 cement : 1½ coarse sand : 3			-		-			
excluding cost of form work.								
stone aggregate using concrete mixer in all works upto plinth level								
cement concrete with crushed								
6 3.1 Providing and laying nominal mix plain								
					26.34	cum	4163.00	109670.
	·	1,12			1			
	1		0.10		0.15			
st	1		0.10		0.16			
ct	1	-	2.00		0.67			
	3	0.90 6.00	5.60		4.03			
	1	0.00	0.20		0.30		-	
	1	4.00	0.20	20.00	0.24			
S/B	1	17.60	0.20		0.70			
	1	4.80	0.20		0.10			
	1	4.80	0.20		0.19			
P/B	1	21.60	0.20		1.30			
	5	0.20	0.30		1.08			
COL.	6 6	1.40 0.20	0.30		0.47			
COL.	3	0.90	0.20 1.40		4.70			
slab	1	5.70	5.00		0.11			
	1	2.40	0.10		0.02			
	1	21.30	0.20		0.43			
L/B	1	19.80	0.20		0.79			
P/B	1	21.30	0.20	0.30	1.28			
	6	0.20	0.30		0.86			
	6	0.20	0.30		0.47			
COL.	6	1.40	1.40	0.40	4.70			
stone aggregate 20mm nominal size).								
1:1½:3 (1 cement : 1½ coarse sand : 3 graded					-			
excluding cost of form work.								
using concrete mixer in all works upto plinth level								
Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate								
					7.20	Cum	2659.00	19149.8
st	1	3.30	1.30	0.15	0.64			
	1	5.00	4.00	0.08	1.60			
UN FLOORING	2	2.40	3.50		1.34			
	1	1.50	1.00		0.12			
STEP	2	1.50	1.00		0.24			
	1	21.60	0.40		0.69			
WALL	6	1.40	1.40 0.40	0.08				
	6	1.40	1.40	0.08				
col.	- 1							

4									
Brick work with modular well burnt (oper	n bhatta)		$\overline{}$	- 1					
clay bricks of crushing strength not less		- 1	1					1	
kg/sqcm and water absorption not more t	han 25%	1				1			
in foundation and plinth in:									
7.5.3 Cement Mortar 1:5 (1 cement : 5	5 coarse								
sand)									
WIN A		1	21.30	0.20	0.80				
		1	19.80	0.20	2.20				
STEP		2	1.50	0.80		0.48			
		2	1.50	0.60	0.20	0.36			
		2	1.50	0.30	0.20	0.18			
PERAPET		1	21.00	0.20	0.30	1.26			
SHED B		1	21.60	0.20	0.80	3.46			
		1	17.60	0.20	3.00	10.56			
STEP		1	1.50	0.90	0.40	0.54			
3121		1	1.50	0.60		0.18			
		1	1.50	0.30		0.09			
DADADET			22.40	0.30		1.79			
PARAPET		1		0.20		-0.84			
DEDUCTION D		2	1.00			-1.44			
		2	2.00	0.20	1.00	-1.44			
					0.00	1.08			
s t long wall		2	3.00	0.30		1.29			
		2	2.80	0.20					
short wall		2	1.80	0.30		0.65			
		2		0.20	77.5	0.74			
soak pit		1	_	1.20		1.88			
		1	3.14	1.20	0.20	0.75			
								3350.00	99890.30
						29.82	cum	3350.00	33000.00
8 1.25 Diluting chemical emulsion (ch	lorpyrifos/		1 1						
lindane) in water as per manurecommendation and injecting	for pre-	ı							
recommendation and injecting constructional curative cum preve	ntive anti-								
termite treatment:(Five year service	guarantee			ĺ					
bond to be signed by contractor)				ĺ					
1.25.1 Surface treatment by spreading	g emulsion			1					
under floor, over the plinth area				1					
before laying base concrete @ 5 litres	/ sqm	ĺ			1				
Delete laying and	27								
		2			3.50				
		1	5.00		4.00				
						36.80	sqm	27.50	1012.00
9 Providing and placing in position reinfo	rcement for					1			
I IR.C.C. work including straightening	, cutting,								
bending, binding etc. complete as per including cost of binding wire in found	dation and				1				
plinth all complete:									
Thermo-Mechanically treated bars FE	415								
						2028.00			
						2028.00	kg	54.50	110526.00
		1		1					
10 Providing and fixing form work including	ng centring,	-	 	1					
10 Providing and fixing form work including shuttering, strutting, staging, propping complete and including its removal a	bracing etc.								

The state of the s								
oundations, footings, bases of columns plinth							ĺ	
eam, curtain wall in any shape and size and all ype of wall below plinth level.	1							
col. 6*4		4.00		0.10	3.84			
JOL. 6"4	24	1.60						
	24	1.00		0.40	9.60			
	6	1.00		1.30	7.80			
COL.	24	1.60		0.10	3.84			-
	24	1.00		0.40	9.60			
	6	1.00		1.30	7.80			
P/B	2	21.30		0.30	12.78			
170	2	21.60		0.30	12.96			
	2	6.50		0.12	1.56			
0*0	4	2.00		0.12	0.96			
2*2		2.00			70.74	sqm	139.00	9832.8
2.1.3 Window sills, anchor blocks, string course,		l				i	l	
bends, copings, bed plates and like.					ļ	ı		
like.								
	2	21.30		0.10	4.26			
2*2	4	2.40		0.10	0.96			
	2	4.80		0.10	0.96		184.00	1137.
					6.2	sqm	184.00	(107.
2 Columns, Pillars, Piers and likes- rectangular or								
square in shape								
oquato in one p					04.00			
	6	1.00	3.60		21.60			
	6	1.00	2.40		14.40		297.00	10692.
					36.00	sqm	257.00	
13 7.12 Extra for half brick work in superstructure above plinth level for every story or part thereof in addition to rate for upto plinth level:		s						
					8.16			
					8.16	sqm	11.00	89.
7.20 Extra for providing and placing in position hopping 25x1.60 mm or 2 Nos 6mm dia MS						1		
bars reinforcement at every third course of half brick masonry.								
bars reinforcement at every third course of half brick	6	3 2.40		0.10	1.44			
bars reinforcement at every third course of half brick masonry.	6	2.40		0.10	1.44	sqm	62.50	90.
bars reinforcement at every third course of half brick masonry. 15 8.148 Providing and fixing factory made UPVC door frame made of UPVC profile section having an overall dimension as below (tolerance ± 1mm) with wall thickness 2.0mm ± 0.2mm, corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19mm and 1mm ± 0.1mm wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturers specification and direction of Engineer-in-charge	6	2.40		0.10		sqm	62.50	90.
bars reinforcement at every third course of half brick masonry. 15 8.148 Providing and fixing factory made UPVC door frame made of UPVC profile section having an overall dimension as below (tolerance ± 1mm) with wall thickness 2.0mm ± 0.2mm, corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19mm and 1mm ± 0.1mm wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturers specification and direction of	6	2.40		0.10			62.50	90.

16 8 14	2 Providing and fixing 30mm thick factory								
ma	de panel PVC door shutter							1	
CO	nsisting of frame made out of M.S. tubes of 19	l	1					l	
001	isisting of frame made out of M.S. tubes of 19 lige thickness and		1					1	
		- 1							
512	e of 19mm x 19mm for styles and 15x15mm top & bottom rails. M.S.							l	
Ira	ime shall have a coat of steel primers of		-					1	
	proved make and	1		-T'					
l.m	anufacture. M.S. frame covered with 5mm thick			- 1				İ	
	at moulded PVC 'C'								
cr	nannel of size 30mm thickness, 70mm width out								
	which 50mm shall be								
1	at and 20mm shall be tapered in 45degree	1							
	gle on either side forming	1							
s	tyles; and 5mm thick, 95mm wide PVC sheet	1							
	it of which 75mm shall be	1		-					
1	at and 20mm shall be tapered in 45 degree on								
th	e inner side to form top								
	and bottom rail and 115mm wide PVC sheet out								
	f which 75mm shall be								
f	lat and 20mm shall be tapered on both sides to				l i				
	orm lock rail. Top, bottom				1				
	and lock rails shall be provided either side of the								
, ,	anel. 10mm (5mm x 2)								
	thick, 20mm wide cross PVC sheet be provided								
	as gap insert for top rail &		7						
	bottom rail. paneling of 5mm thick both side PVC								
	sheet to be fitted in the								
1 1	M.S. frame welded/ sealed to the styles & rails			1					
+ 1	with 7mm (5mm+2mm)		l						
- 1 1	thick x 15mm wide PVC sheet beading on inner		1						
- 1 1	side, and joined together with solvent cement adhesive. An additional 5mm								
- 1 1	thick PVC strip of 20mm								
	width is to be stuck on the interior side of the 'C'								
	8.152.2 Both side Pre-laminated panel PVC door	2	0.80		2.10	3.36		i i	
	shutter					3.36	sqm	2832.00	9515.52
						0.00			
17	9.13 Providing and fixing steel door/ window with								
1	M.S. sheet 1mm thick, frame of angle iron,								
	diagonal braces of angle/ flat iron of suitable size,								
	3.00 mm M.S. gusset plates at junctions and								
1	corners, all necessary fittings							3	
- 1	and the second second second of red								
- 1	complete including applying a priming coat of red								
- 1	oxide zinc chromate	1							
	primer. kg 75.00								
									_
_				1		50.00			
			-			50.00	kg	75.00	3750.00
			<u> </u>			30.00	r.y	75.00	0700.00
18		1		1					
	9.16 Providing and fixing M.S. frames of doors,	1		1					
	windows ventilators and cupboards joints mitred								
1	and welded with 15x3 mm lugs 10cm long								
	embedded in cement concrete blocks		1						İ
- 1	15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs		İ	1					
- 1	and screws or with dash fastener or raw plugs and screws or with fixing clips or with bolts and	l	1	1					
- 1	nuts as required including fixing of necessary butt				1				
1	hinges and screws and applying a priming coat of								
	approved steel primer.	1	1	1	1				
	app. o too stool p		1	1	1				
<u> </u>						50.00			
L			-	-	-	50.00		73.50	3675.00
						30.00	٨9	10.00	5575.50

٠,	27.0								
9 9	9.37 Providing and fixing M.S. fan clamp/hook for								
ľ	ceiling fan made out of 16			1		_			
	mm dia M.S. bar bent to shape with hooked ends n R.C.C. slabs, beams			1	1		1		
ľ	during laying including painting the exposed		1	1			1 1		
I,	portion of loop.		1			1	1		
ľ	sortion of loop.			1			1		
+				ļ					
4						2.00			
_						2.00	each	97.00	194.0
20	9.55 Providing and fixing of six/seven levers							ì	
	branded and approved mortise lock.								
١	lock.	İ							
┥			├	-	-	2.00			
\dashv							each	594.00	1188.0
	0.57.0					2.00	eacii	334.00	
21	9.57 Providing stainless steel railing/ grill made of				}		1		
	S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case,			1				J	
	balcony or other places with metal fasteners and				1				
	stainless steel bolts etc complete.			l					
			1						
						25.00			
			†			25.00	kg	525.00	13125.00
22	11.1 Providing and making 6mm thick cement	-							
	plaster of mix:								
23	11.1.2 In Cement mortar 1:4 (1 cement : 4 fine								
	sand)								
						97.76		27.00	0505.45
						97.76	sqm	87.00	8505.12
24	Filling from available excavated stuff (Excluding								
	rock) in trenches, plinth, sides of foundation etc. in	1							
	layers not exceeding 20cm in depthconsolidating								
	each deposited layer by ramming and watering with a leadupto 50 M. and lift upto 1.5 M.								
	with a leadupto 50 M. and intupto 1.5 M.					1 1			
_						34.34			
_						34.34	Cum	65.00	2231.82
_	14.40 Deviding filling and compacting local earth								
25	1.19 Providing filling and compacting local earth (from approved source pit) in layers not						1		
	exceeding 20cm in depth consolidating each						ŀ		
	deposited layer by ramming and watering,				,	1			
	including dressing etc. complete.								
		2	2.40	3.50	0.40	6.72			
		1	5.00	4.00	0.40	8.00			
_									
						14.72	cum	242.00	3562.24
26	Beams, lintels, cantilevers & walls								
	Beams,	2	19.80		0.20	7.92			
	Deanis,	1	19.80		0.20	3.96			
									
		3	0.90		0.20	0.54			
	3*2	6	0.90		0.20	1.08			
_		1	4.80		0.20	0.96			
_		2	4.58		0.20	1.83			
_		1	17.60		0.20	3.52			
_		1	17.60		0.20	3.52			
_		2	17.60		0.20	7.04			
		1	4.00		0.20	0.80			
		2							
_			4.00		0.30	2.40	_		
		1	5.00		0.20	1.00			
	I	2	5.00		0.30	3.00			- 1

	1		0.90		0.2	20 0.54			
L	3*2		0.90		0.2				
L	32		0.50						
_									
_		+				39.19	sqm	202.00	7916.7
27	Suspended floors, roofs, access platform,	-	-						
21	balconies (plain surfaces) and shelves (cast in								
	situ)					28.50			
		1		5.00		33.60			
		1	6.00	5.60	-	62.10	Sqm	235.00	14593.5
						02.10			
						+			
28	3.4 Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
_						11.00			
						14.23	cum	97.50	1387.4
-						14.23	Cum		
29	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:								
			+			20.04			2424 8
Г						20.04	cum	121.00	2424.8
	fing	+-+							
30	3.14 Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.								
_						20.00		43.50	870.0
_						20.00	kg	43.50	070.0
	7.11 Half brick thick brick masonry with flyash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:								
\dashv	7.11.2 Cement Mortar 1:4 (1 cement : 4								
	coarse sand)				2.40	11.52			
1			2.4		2.40	-3.36			
7	deduction	2 0	0.8		2.10	-3.30			
7				-+		8.16	sqm	382.00	3117.
7				-		8.10	34111	- 002.00	
١,	Providing and making 12mm thick cement plaster of mix:		_	_					
1	n Cement mortar 1:5 (1 cement : 5 fine sand)								
+						100.20			2022
+						100.20	sqm	96.50	9669.3
3 F	Providing and making 15mm thick cement plaster n the rough side of single or half brick wall of mix:								
Ir	n Cement mortar 1:5 (1 cement : 5 fine sand)								
						78.64			

				122					2000
\perp	at Boulding and applies 0					78.64	sqm	113.00	8886.3
4 14	.51 Providing and applying 2 mm thick ready							1	
m	x exterior grade putty (manufactured with the w dung processing) on walls to make the							1	
	irface smooth and even	Y							
SU	mace smooth and even								
-	mm					070.00		-	
_						276.60			
	2 mm								
1	5 mm								27936.60
						276.60	sqm	101.00	27936.00
5 1	2.9 Providing and laying ceramic glazed floor			(
til	es conforming to IS: 15622 of approved size,								
	nake, colour, shade laid on 20 mm thick Cement							1	
	fortar 1:4 (1 cement : 4 coarse sand) including						1		
	ointing the joints with white cement mixed with	=					1		
In	natching pigment etc., complete.								
4	0.0.4.01 - 0.00.000		0.40	3.50		16.80			
	2.9.1 Size 300x300mm	2	2.40	3.50		16.80	sqm	692.00	11625.6
						10.00			
37	12.49 25 mm thick KOTA stone slab flooring over			1					
- 1	20mm (Average) thick base of cement mortar 1:4			1				1	
- 1	laid over and jointed with grey cement slurry mixed with pigment to match the shade of the			i			1		
	slab including grinding								
	rubbing and polishing etc. complete (Area of slab						- 1		
	to be over 0.20 sqm								
	and upto 0.50 sqm)								
			5.00	4.00		20.00			
		1	5.00	4.00		20.00	sqm	897.00	17940.0
38	12.50 KOTA stone slab 25mm thick in risers and								
1	treads of steps, skirting			- 1					
	dado and pillar laid in 12mm (Average) thick								
1	cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey		ŀ					1	
	sement slurgy mixed with								
	pigment to match the shade of the slab including		1	1					
	rubbing and polishing		- 1						
	complete. (single stone is to be used for riser and treads of steps and			1					
	the width of stone for skirting and dado shall be		- 1						
	legual to the height of								
	skirting/ dado up to length of 1.0 M.)			- 1		1			
\vdash						8.65		000.00	0500.5
\vdash						8.65	sqm	990.00	8563.5
39	13.1 15 mm thick Marble work (machine cut, table								
1	rubbed & polished) for wall								
	lining (veneer work) in cement mortar 1:3 (1								
1	cement : 3 coarse sand) including pointing with white cement mortar 1:2 (1			l					
1	white cement : 2 marble						1		
1	dust) mixed with matching pigment. (Area of slab						İ		
	should be over 0.5 sqm)						Ì	Y	
	13.1.6 Pink plain marble.	4	0.60		0.90	2.16			
						2.16	sqm	1925.00	4158.0
40	18.20 Providing and fixing stainless steel AISI-								
1	304(18/8) wash basin with C.I. brackets, 32 mm			1					
1	C.P. brass waste of standard pattern, including			- 1					
	painting of brackets, cutting and making good the walls wherever required:		- 1					1	
	wans wherever required.			-					
_	18.20.1 Size 450x380 mm					2.00			

		 			0.00	each	3876.00	7752.00
7					2.00	eacii	00/0/07	
ln	8.25 Providing and fixing flexible P.V.C. waste lipe for sink or wash basin including P.V.C. waste							
fi	ittings complete.		-		2.00			
1	8.25.1 32 mm dia				2.00	each	68.50	137.00
†					2.00			
١.	18.13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:		·					
+	18.13.1 Flat back half stall urinal of size				2.00			
1	460x380x250mm				2.00	each	1776.00	3552.00
†							ì	
	18.16 Providing and fixing one piece construction white vitreous china squatting plate urinal with an integral rim longitudinal flushing pipe.				8.00			
_					8.00	each	1401.00	11208.0
_					8.00			
14	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.							
		 			8.00		267.00	2136.0
Γ	18.76.2 110 mm dia pipe.				8.00	mtr	207.10	
	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.				100			
L	18.77.5 "P" trap 110mmx110mm long				4.00	each	227.00	908.0
L	18.77.5 "P" trap Tronimx Tronim 1945				4.00	eacii		
	a vi basi tran 110×75mm				2.00	each	90.50	181.0
	18.77.6 Nahani trap 110x75mm				2.00	eacii		
4	19.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc.,							
-	19.5.2 20 mm nominal outer dia .Pipes.				30.00		407.00	5010.
F	19.5.2 20 Hilli Homman Gates 2.5.5.7				30.00	mtr	167.00	5010.
1	19.5.3 25 mm nominal outer dia .Pipes.				5.00		042.00	1065.
F	10.0.0 20 11				5.00	mtr	213.00	1003.
F	19.5.4 32 mm nominal outer dia .Pipes.				5.00		204.00	1420.
F	10.0.7 02 1				5.00	metre	284.00	1420.
H	19.5.1 15 mm nominal outer dia .Pipes.				8.00		400.00	1064
	10.0.1 10			1	8.00	metre	133.00	1064.

7					
19.11 Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the					
pipe and making long screws etc. complete:					
19.11.1 15 mm nominal bore	_	2.00			
		2.00	each	85.00	170.00
19.11.2 20 mm nominal bore		2.00			100.00
		2.00	each	98.00	196.00
19.11.3 25 mm nominal bore		2.00			234.00
15.1110 20 1111111111111111111111111111111		2.00	each	117.00	234.00
8 19.13 Providing and fixing 15 mm nominal bore				1	
Brass bib/stop cock of approved quality:					
	 _	2.00			174.00
19.13.2 Bib cock (350 grams)	 	2.00	each	237.00	474.00
	 	2.00			474.00
19.13.3 Stop cock (350 grams)	 	2.00	each	237.00	474.00
and a second sec	 				
49 19.16 Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed					
end):	 	1.00			
19.16.1 25 mm nominal bore		1.00	each	436.00	436.00
50 19.17 Providing and fixing ball valve (brass) of					
approved quality, High or low pressure, with plastic floats complete:	1 1				
pressure, with plastic floure comp		2.00			
19.17.2 20 mm nominal bore		2.00	each	394.00	788.00
1.00	 				
51 19.42 Providing and placing on terrace (at all floor					
levels) polyethylene water storage tank ISI : 12701 marked with cover	1 1				
I I i i i i i i i i i i i i i i i i i i					
arrangement and making necessary holes for					
inlet, outlet and overflow pipes but without fittings and the base support for		1			
tank					
		1000.00	ltr	7.30	7300.00
to the same than 20x20 cm and upto				1	
52 19.43 Cutting holes more than 20x20 cm and upto 30x30 cm in walls including					
making good the same :					
	 	2.00			
		2.00	each	125.00	250.00
To 14 Outling holes justs 15v15 cm in R.C.C.	 _				
53 19.44 Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain					
pipe etc. and repairing the hole after insertion of				1	
drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse					
l cand : 4 graded stone					
aggregate 20 mm nominal size) including					
finishing complete so as to make it leak proof.					
make it leak proof.				1	
		2.00			
		2.00	each	94.00	188.00

20.6.2.150 mm dia 8.00									
Durnt cley bricks of 35 kg/ cm² in cement mortar 13 cm² in control of control	54 19.	47 Constructing masonry Chamber 30x30x50		T		·			
Sand) for stop cock, with C. I. surface box 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) x75	ICIII	, inside with modular well		1					
Sand) for stop cock, with C. I. surface box 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) with 100x10 x75 mm (naide) x75	1:4	(1 coment : 4 coment mortar		1					
hinged Cover fixed in cement concrete slab 1.24 mix (1 cement : 2 1.24 mix (1 cement : 2 1.24 mix (1 cement : 2 1.24 mix (1 cement : 2 1.25 mix (1 cement : 2 1.25 mix (1 cement : 2 1.25 mix (1 cement : 2 1 coarse sand) to graded 1 stone aggregate 40 mm nominal size) and inside 1 slabeling mix cement 1 mortar 1:3 (1 cement : 3 coarse sand) 12mm 1 mix finished with a floating 1 coat of neat cement complete as per standard 1 design : 2 0.00 each 754.00 1508.00 5 20.0 Providing, lowering, laying, aligning, fixing in 1 position at and jointing at all level/ depths ISI 1 marked HDPE pipes of PE-100 grade and PN 0 1 for sever application as per IS 14333-1968 1 (amended upto date) in trenches in complete 1 including all material, labour, testing and 1 commissioning as per direction of Engineer. 1 Note: EV No be measured and paid separately. 2 0.5 1 100 mm dia 1 0.00 metre 366.00 3660.00 2 0.7 Constructing brick masonry manhole with 1 well burnt modular clay bricks crushing strength 1 not less than 35kg/cm2 in cement motor 1/4 (1 cement : 2 coarse sand). R.C.C. top-slab with 1:2:4 mix (1 cement : 2 coarse sand). R.C.C. top-slab with 1:2:4 mix (1 cement : 2 coarse sand). R.C.C. top-slab with 1:2:4 mix (1 cement : 2 coarse sand). A commission in cement concrete : 1:4 mix (1 cement : 2 coarse sand). A commission in cement concrete : 1:4 coarse cand) finished with floating coat of neat cement and making channed in ic mement concrete 1:2 (1 cement : 2 coarse sand) 4 graded stone aggregate 20 mm nominal size) inside with a floating coat of neat cement and making channed in cement concrete : 1:2 (1 cement : 2 coarse sand) 4 graded stone aggregate 20 mm nominal size) inside with a floating coat of neat cement and making channed in cement concrete : 1:2 (1 cement : 2 coarse sand) 4 graded stone aggregate 20 mm nominal size) inside with a floating coat of neat cement and making channed in ic mement concrete : 1:2 (1 cement : 2 coarse sand) 4 graded stone aggregate 20 mm nominal size) inside with a floating coat of neat cement	11.4	(i cement, 4 coarse		1			l		
hinged cover fixed in cement concrete slab 12.4 mix (1 cement : 2 corarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : 2.00	10	ox100 x75 mm (incide) with C. I. surface box		1					
1.2.4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : 2.00	110	UX 100 X/3 IIIII (Inside) with				1			
coarse sand : 4 graded stone aggregate 20 mm nominal size) encessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand: 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : \$2.00 each 754.00 1508.00 \$2.05 Providing, lowering, laying, aigning, fixing in position at and jointing at all tivel depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sever application as per ISI 14333-1958 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer. Note: E-Iw to be measured and paid separately. \$20.6.2.150 mm dia	1:1	2.4 mix (1 same the 2				1			
plottina step (necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40mm nominal size) and inside platestering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : 2.00	1.2	Darse sand : A graded at		l '	i				
excavation foundation concrete 1:5:10 (1 cement 5 fine sand-10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : \$2.00	no	minal size) possesses							
some asprengate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : 2.00		xcavation foundation concrete 4.5.40 (4		1					
stone aggregate 40mm nominal size) and inside plastering with cement mortar 13 (1 cement : 3 coarse sand) 12mm thick finished with a floating cost of neat cement complete as per standard design : 2.00	· F	fine sand:10 graded							
plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : 2.00	s	tone aggregate 40mm nominal size) and inside							
mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.	la	astering with cement							
thick finished with a floating coat of neat cement complete as per standard design: 2.00 = 2.00 = 754.00 = 1508.00 = 2.0	l l'r	nortar 1:3 (1 cement : 3 coarse sand) 12mm							
coat of neat cement complete as per standard design: 2.00 2.00 2.00 2.00 3.00	th	ick finished with a floating							
design: 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.	1 1	coat of neat cement complete as per standard	1						
2.00 each 754.00 1508.00 position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sever application as per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer. Note: E/w to be measured and paid separately. 20.6.2 150 mm dia 10.00 metre 366.00 3660.01 20.6.2 150 mm dia 8.00 metre 771.00 6168.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 metre 366.00 metre 971.00 metre 971.00 metre 971.00 metre 971.00 metre 971.00 metre 971.00 metre 9	d	esign:	1						
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2.00 each 754.00 1508.00 position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sever application as per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer. Note: E/w to be measured and paid separately. 20.6.2 150 mm dia 10.00 metre 366.00 3660.01 20.6.2 150 mm dia 8.00 metre 771.00 6168.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 6168.00 40.00 metre 366.00 metre 771.00 metre 366.00 metre 971.00 metre 971.00 metre 971.00 metre 971.00 metre 971.00 metre 971.00 metre 9	\vdash		 						
55 20.6 Providing, lowering, laying, aligning, fixing in position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sewer application as per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer. Note: Erw to be measured and paid separately. 20.6.1100 mm dia 10.00 metre 366.00 3860.00 20.6.2 150 mm dia 8.00 8.00 metre 771.00 6168.00 8.00 metre 771.00 6168.00 metre 771.00 6168.00 metre 10.00 metre 771.00 6168.00 metre 10.00 m								754.00	1508 00
position at and jointing at all level/ depths SIs marked HDPE pipse of PE-100 grade and PN 6 for sewer application as per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer. Note: E/w to be measured and paid separately. 20.6.2.150 mm dia 10.00 20.6.2.150 mm dia 10.00 8.00 10.00 metre 771.00 6168.00 56 20.7 Constructing brick masonry manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1.4 (1 cement 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand expressed to the set of coment: 4 coarse sand segregate 40mm nominal size), foundation in cement concrete 1:4:8 mix (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement correte 1:2:4 (1 cement and making channels in cement correte 1:2:4 (1 cement: 2 coarse sand size) inside plastering aggregate 40mm nominal size) finished with a floating coat of neat cement and making channels in cement correte 1:2:4 (1 cement: 2 coarse sand segregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design: 20.7.1 Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg):						2.00	each	/54.00	1300.00
position at and jointing at all level/ depths SIs marked HDPE pipse of PE-100 grade and PN 6 for sewer application as per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer. Note: E/w to be measured and paid separately. 20.6.2.150 mm dia 10.00 20.6.2.150 mm dia 10.00 8.00 10.00 metre 771.00 6168.00 56 20.7 Constructing brick masonry manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1.4 (1 cement 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand expressed to the set of coment: 4 coarse sand segregate 40mm nominal size), foundation in cement concrete 1:4:8 mix (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement correte 1:2:4 (1 cement and making channels in cement correte 1:2:4 (1 cement: 2 coarse sand size) inside plastering aggregate 40mm nominal size) finished with a floating coat of neat cement and making channels in cement correte 1:2:4 (1 cement: 2 coarse sand segregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design: 20.7.1 Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg):									
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(amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer. Note: Ew to be measured and paid separately.									
including all material, labour, testing and commissioning as per direction of Engineer. Note: Ew to be measured and paid separately. 20.6.1 100 mm dia 10.00 20.6.2 150 mm dia 20.7 Constructing brick masonry manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement: 2 coarse sand) 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand) 4 graded stone aggregate 20 mm nominal size), foundation in cement concrete 1:4:8 mix (1 cement: 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering aggregate 40mm nominal size) inside plastering aggregate 20mm nominal size) inside plastering aggregate 20mm nominal size) insined with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) insined with a floating coat of neat cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) insined with a floating coat of neat cement complete as per standard design: 20.7.1 Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg):									
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Note: Efw to be measured and paid separately. 20.6.1100 mm dia 10.00 20.6.2150 mm dia 20.7 Constructing brick masony manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm² in cement mortar 1:4 (1 cement: 2 coarse sand) 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement: 4 coarse sand is 8 graded stone aggregate 40mm nominal size), foundation in cement concrete 1:4:8 mix (1 cement: 4 coarse sand) siniskel palstering aggregate 40mm nominal size) inside plastering aggregate 40mm nominal size) inside plastering aggregate 40mm nominal size) inside plastering aggregate 20mm nominal size) inside plastering aggregate 40mm nominal size) inside plastering aggregate 40mm nominal size) inside plastering aggregate 40mm nominal size) siniskel with coarse sand) finished with coarse sand; 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement concrete 1:2:4 (1 cement: 2 coarse sand . 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design: 20.7.1 Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg):									
20.6.1 100 mm dia 20.6.2 150 mm dia 20.6.2 150 mm dia 20.7 Constructing brick masonry manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm2 in cement mortar 1:4 (1 cement: 2 coarse sand). R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand). R.C.C. top slab with 1:2:4 mix (1 cement: 2 coarse sand as graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand; 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand; 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design: 20.7.1 Inside size 90x80 cm and 45 cm deep including C.L. cover with frame (light duty) 455x810 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg):									
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455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg): 1.00		including C.L. cover with frame (light duty)							
cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg): 1.00		455x610 mm internal dimensions total weight of		1					
be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg):					1				
weight of frame 15 kg):				1					
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1.00 each 6703.00 6703.00	L			ļ					
	L		 			1.00	each	6703.00	6703.00

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\Box		 	-	}				-	
	3.16 Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm								
۱	nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand		á						
	including finishing the top smooth.								
		1	20.40	0.30		6.12			
		1	21.20	0.30		6.36		273.00	3407.04
						12.48	sqm	273.00	
58	2.1.4 Edge of slab, breaks in floor and walls upto 200mm.								
	apto zoomin.					44.60			1516.40
						44.60	mtr	34.00	1510.40
59	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.								
l									
\vdash	size above 200x300 mm	1	27.60		1.00	27.60		646.00	17829.60
L	Size above 200x300 min					27.60	sqm	640.00	
60	14.49wall painting with premium emulsion (plastic) manufactured with the cow dunk processing emulsion paint of required shade to								
	give an even shade					129.10			
L									0007.00
L	·					129.10	sqm	69.00	8907.90
61	18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS: 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required:								
	18.1.1 White Long pattern W.C. pan of size 580 mm					2.00		2450.00	4918.00
						2.00	sqm	2459.00	4910.00
62									
	9.6 Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat								
C	of red oxide zinc chromate primer.								

_											
	9.6.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar	- Andreas - Andr		A CONTRACTOR OF THE CONTRACTOR	A STATE OF THE PARTY OF THE PAR			Constitution of the Consti	Committee of the Commit		
	works.								Recorded to the second		
\neg		+-					1 00	-ci		- 1	
十		-	-				91.		- H	68,000	6133.00
+							91.1	J.Sil	kç	60000	
02	14.15 Dointing states (B	- R	- 4	
٥٠,	14.15 Painting exterior surface with SMOOTH exterior emulsion paint manufactured with the			1		ĺ		1	1		
	cow dung processing to give protective and					-			Ī		
- 10	decorative finish including deaning washing of					ĺ		9		1	
	surface etc. complete with: .					-		į.	1		
						-		-			
	On new work (Two or more coats) @1.43itre/10			1	1	-		1	ı		
-	sqm over	-				- 1	147.5	ol .	a di	1	
_		<u> </u>			_		p-1,1-2		100		
		_					147.5	n)	sam	79.00	11552.50
						i i	1412		-	-	
	9.15 Providing and fixing M.S. grill of								-	1	
	approved pattern made of M.S. flats or								1		
	square or round bars welded to steel frame of			1		- 1			1		
	windows etc. including					-			-	1	
	applying a priming coat welded to frame	1						1		1	
	with all necessary fitting complete including	1		1						1	
	applying a priming of red oxide zinc			-						1	
	chromate primer.	1	1						1		
	,						04.00	-		İ	
\vdash							81.00			67.5	5467.50
-							81.00	INS			
\vdash								-			
-					-			-	_		
-	Providibg and fixing round /hexagonal fan			1	1					1	
65	box with 12 mm dia steel bar hook						000	leach		42	168
_	box with 12 mm dia steer out was					4	.00	Eaul	_	72	
L	providing and fixing phenolic laminated				1	- 1					
66	sheet cover 180 mmdia 3 mm thick on the					i				1	
	sheet cover 180 minuta 3 minuta 3									56	112.00
L	fan box etc				1	2	.00	each		20	112.00
L	in tellotion testing and					- 1			- 1		
67	supplying, installation, testing and commissioning of following sleek LED					- 1			- 1		
	panel down lighters										
L	panel down lighters			1		2.	.00	each		2342	4684
L	36 watt size 600x600 mm							Ì	- 1	- 1	
68	supplying, installation, testing and			1					- 1		
1	commissioning of following sleek LED										
L	fitting square shape			1		2.	.00	each		868	1736
	18/20 watt			1	1						
69	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated			1		- 1					
	stranded copper conductor single core cable			1							
	in concealed steel conduit, with 5 amp plano										
	type switch, phenolic laminated sheet,										
	suitable size M.S. box and earthing the point										
	with same size cable etc as required.										1
_				-	+	12	00	point		424	848.00
_	Medium Point			-	+		00	point	\dashv	588	1176.00
	Long Point					12.	00			555	

A Company of the Comp							
[70] Wiring for light plug point with3x1.5 sq mm							
FRLS PVC insulated copper conductorwire						1 1	
in phase neutral and earth in concealed							
Short Point		winesta i organizacjus		$-\frac{1}{2.00}$	point	442	884
Medium Point	deap sowerum.	MANAGED MANAGED TO THE OWNER, THE	-	2,00	point	659	1318
71 Wiring for power plug point with3x1,5 sq mm	Sale Colombia		-	2,00			
FRLS PVC insulated copper conductor wire						1 1	
for phase neutral and earth in concealed		- 1				1	è.
						1474	2342.00
Medium Point	- Carrier of the Carr	Section 1	1	2.00	point	1171	3410.00
Long Point	Company of the Compan	and the second	1	2.00	point	1705	34,0,00
72 supplying and drawing UTP 4 pair can 6	-					1	
LAN wire in existing surface						19	285
Street wife in existing surface	-	-		15.00	metre	18	
73 Supplying and fixing SP MCB 240 volts C	-						
curve suitable for inductive load in the							
existing MCB DB complete with connection							
existing WCB DB complete with connection						148	296.00
		_		2.00	each	- 140	
6 amp to 32 amp		_				1	
74 Fabrication and installation of angle iron			1			1 1	
including angle size 50 mm x 5 mm thick						66	858.00
with specification		_		13.00	kg		
						1 1	
75							
supplying installation testing and							
commissioning of following sizes heavy duty							
(continoud running) 1400 rpm exhoust fan							
in existing opening in wall including earthing					nach	2558	10232.00
etc complete as required				4.00	each	2330	
300 mm sweep						TOTAL =	699849.36
						Say Rs.	700000.00
						Ouy .to.	

Sub Engineer
Municipal Corporation
Korba (C.G.)

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