

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

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

उद्यान शाखा

फा.क्र. / ८९० / उद्यान शाख / २०२२ /

कोरबा, दिनांक 28.12.2022

निविदा आमंत्रण की सूचना

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

1. निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने अंतिम तिथि

- 20.01.2023 सायंकाल 3:00 बजे तक

2. निविदा खुलने की अंतिम तिथि

- 20.01.2023 सायंकाल 4:30 बजे तक

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रू में	निविदा प्रपत्र का मूल्य	निविदा प्रपत्र	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क 24 (आई.डी.एस.एम.टी. दुकान के समीप) एम.पी.नगर गार्डन में स्टोर रूम, शौचालय एवं शेड का निर्माण कार्य।(निगम मद)	11,28,900/-	8500	750/-	Form-A	04 माह	सक्षम श्रेणी	20.01.2023

निविदा की शर्ते:-

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

2. निविदा के दस्तावेज हाथो-हाथ न लिया जाकर रजिस्टर्ड पोस्ट अथवा स्पीड पोस्ट से प्राप्त किया जावेगा। अन्य माध्यमों यथा कोरियर सर्विस, साधारण डाक इत्यादि से प्राप्त अथवा समयावधि के पश्चात् प्राप्त निविदाओं पर विचार नहीं किया जावेगा। निविदा आयुक्त, नगर पालिक निगम, आई.टी.आई. चौक साकेत भवन, जिला-कोरबा (छ.ग.) पिन नं.-495677 के पते पर भेजना होगा। निर्धारित तिथि को साय 3:00 के पश्चात् 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 समस्त संशोधनों के साथ) निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।

4. निविदा प्रपत्र त्रि-लिफाफा पद्धिति से मान्य किया जावेगा जो निम्नानुसार होगाः-

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 (निविदा आमंत्रण पत्र जारी दिनांक के पश्चात् का मान्य) एवं अमानत राशि का टी.डी.आर. /एफ.डी.आर. जो कि आयुक्त, नगर पालिक निगम कोरबा के नाम पर देय होगा प्रस्तुत करना होगा।

द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।

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 उन्हे निविदा भरने की पात्रता नही होगी।

6. निविदा हेतु इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकरी पिछले वित्तीय वर्ष का आय चुकता प्रमाण . पत्र, पेन नम्बर, जी.एस.टी. पंजीयन एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधिसंगठन,कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण सूचना (एनआईटी) हस्ताक्षरयुक्त

निर्धारित प्रारूप में निविदा आमंत्रण सूचना के कंडिका क्र. 04 के अनुरूप लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा। कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना कमॉक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना

- 10. 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।
- 11. निर्धारित निविदा प्रपत्र में उल्लेखित कंडिकाएँ स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग माना जावेगा।
- 12. 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।
- 13. ठेकेदार को अपनी दरें शब्दों एवं अंको में लिखना अनिवार्य होगा।
- 14. 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।
- 15. ठेकेदार यदि कार्य को अपूर्ण स्थिति में छोड़ता है तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान के अंतर्गत कार्यवाही की जावेगी।
- 16. 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।
- 17. सफल निविदा दाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी जबिक निविदा की दरों में काफी कमी हो जैसे निविदादाता को निविदा दर एवं अनुमानित लागत से 10 प्रतिशत से अधिक निविदा दर होने पर सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर. /टी.डी.आर. ऑफिस अथवा टाईम डिपॉजिट जो कि आयुक्त नगर पालिक निगम कोरबा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।
- 18. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत की दर से सुरक्षा राशि रिनंग देयकों के साथ 01 वर्ष हेतु साथ ही मरम्मत एवं संधारण प्रकृति के कार्यों को छोड़कर शेष कार्यों के देयकों से 5 प्रतिशत की दर से पृथक से 03 वर्ष की गारंटी के लिये परफार्मेंस सिक्यूरिटी के रूप में रोकी जावेगी।
- 19. 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।
- 20. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का विवरण राशि सहित मूल प्रति में वैध शपथ पत्र कंडिका क्र. 04 के प्रथम लिफाफा (अ) में प्रस्तुत करना अनिवार्य होगा।
- 21. ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- 22. निविदा प्रपत्र अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नही किया जावेगा।
- 23. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त के द्वारा अधीनस्थ अधिकारियों का निर्णय अंतिम एवं सर्वमान्य होगा।
- 24. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार आयुक्त, नगर पालिक निगम के पास सुरक्षित रहेगा।
- 25. निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी। नोट:-

3. 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।
4. उपरोक्त तिथियों में किसी भी तिथि को शासकीय/स्थानीय अवकाश होने की स्थिति में अगले कार्य दिवस को निर्धारित तिथि समय एवं स्थान माना जावे।

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

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(ठेकेदार के हस्ताक्षर)		कार्यपालन अभियंता नगुरु पालिक निगम
ПЧ		केरिबा (छ.ग.)
पूर्ण पता		V
गेवाईल नं.–		

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

DETAILED ESTIMATE

Sub. - Co. struction of Shed at M.P. Nagat Garden Ward no. 24

As per SOR:Schedule of rates public works department[PWD BUILDING-01-01-2015]

S. N.	SOR Ref.	ITEM DESCRIPTION	NO	L	В	D/H	QTY	UNI	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
-	1	In all types of soil			-	ļ			-	
ŀ		in an types of son	<u> </u>	1.00						
1			8		_				ļ	
Ī			2	5.60 9.40		-			-	***************************************
1				9.40	0.60	0.60 Total=			105.00	5004.0
2		Providing and filling in plinth with sand/ Crusher dust and hard moorumunder floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.				Total=	28.66	Cum	185.00	5301.36
H				4.00	1.00					
H			8	1.20	_	0.10	1.15			
-				9.40	5.60	0.30	15.79		074.00	
3		Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depthconsolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M				Total=	16.94	Cum	371.00	6286.22
Γ						Total=	28.656	Cum	65.00	1862.64
4	((e	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.					20.000	Juni	00.00	1002.04
	,	:3:6 (1 cement : 3 coarse sand : 6 graded tone aggregate 40mm nominal size).	-							
	_		8	1.20	1.20	0.10	1.15			
L		3	3	4.60	0.60	0.10	0.83			
		V 64	4	5.40	0.60	0.10	1.30			
L			1	9.60	5.60	0.10	5.38			
1	and of	a a ser a				Total=	8.65	Cum	2970.00	25696.44
5	pi its	roviding and fixing formwork including entering, shuttering, strutting, staging, ropping bracing etc. complete and including s removal at all levels, for:								
	be	oundations, footings, bases of columns plinth eam, curtain wall in any shape and size and type of wall below plinth level.								
			3x4	1.10		0.50	28.80			
_				0.30		0.80	2.88			
_				0.20 6.00		0.80	1.92			
\vdash		/		9.40		0.30	10.80			
-				5.40	-	0.30	8.88			
200.0	جلا					Total=	53.28	Sqm	139.00	7405.92

	1	5 Columns, Pillars, Piers and likes- rectangular	ī	T	T	T	T		TI	
	11	or square in shape								
/	10000		8x2	0.30		2.7				
1	100		8x2	0.20		2.7				
/		*	4x2 4x2	0.30		3.0			-	
7	<u> </u>		7/2	0.20	'	Total:			n 297.00	4000.00
-	_	8 Beams, lintels, cantilevers & walls			_	Total	10.00	J Sqr	297.00	4989.60
- [4x2	6.00		0.30	7.20	-		
1	<u> </u>		4x2	9.60		0.30		_	-	
1			2	9.20			11.04		-	
			1	6.00					-	
1			1	30.00	_		3.60		-	
			4x2	6.00	-	0.10				
			2x2			0.20				
				9.60		0.20				
6	3.2	2 Providing and laying nominal mix reinforced				Total=	44.84	Sqm	202.00	9057.68
		Todinent concrete with critished stone agree in								
		Justing Concrete mixer in all works upto plintly			91					r
		lievel excluding cost of form work	,							
	1	1 1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded					-			
		stone aggregate 20mm nominal size).								
			8	1.10	1.10	0.50	4.84			
ш			8	0.20	0.30	5.00				
			4	6.00		0.30			 	
1 1			2	9.40	0.20	0.30				
			2	6.00	0.20	0.30				
li			2	9.60	0.20	0.30				
			2	6.00	0.20	0.20				
			2	9.60 9.20	0.20	0.20				
			1	6.00	0.60	0.10 0.10				
-	0.4	gos 1, state	十	0.00	0.00	Total=	0.36 14.39		4400.00	500.10.00
	3.4	Extra for laying PCC/RCC of any grade in				rotar	14.55	Cum	4163.00	59913.90
		superstructure above plinth level for every floor					90 . 1 . 10			
	(c) (19)	or part thereof in addition to rate for foundation and plinth:	.				5.15	Cum	97.50	502.13
8	2 12				1					
ျ	3.12	Providing and placing in position reinforcement								
		for R.C.C. work including straightening, cutting,								
		bending, binding etc. complete as per drawings	- 1		•					
		including cost of binding wire in foundation and plinth all complete:								
	10.0	p an oomplete,		974						
	1	Thermo-Mechanically treated bars FE 415	_							
9	7.5	Brick work with modular fly-ash lime bricks		11, "-1, 15			1439.20	Kg	54.50	78436.40
		(FaLG Bricks) confirming to IS:12894-2002 of		Ġ.					- 1100	70430.40
- 4		class designation 4.0 in foundation and plinth		. 7:2						
- 1,		in:	-	3	_					_
		Cement Mortar 1:5 (1 cement : 5 coarse sand)	-	5 1						
	*		1.							
· A	-2 1. -2 1.	A VIII La Constitution	2	9.40	0.30	4.00				
, MI	my jest o		3	_	0.30	1.00	5.64			
	5 (5)(5) ₁₀ (5)			_	0.30	1.00	4.86			
					0.20	2.70	2.92			
Č.					0.20	0.90	0.97			
			_		0.20	0.90	3.38			
				/ . / 1		$\alpha \alpha \alpha$	0.20			
	- 10 p					0.40	0.36			1
					0.30	0.20 Total=	0.09			1 1, 5

	7.0	6 Extra for brick work in superstructure above plinth level for every floor or part thereof in					7.0-	_	45:	
1	10	addition to rate for foundation and plinth:					7.27	Cum	121.00	879.9
111	12.5	15 mm thick Table rubbed polished Granite see slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc.								
		and above)								
ŀ	3	Granite stone lakha red/ shahi red								
t			1		5.60		53.76			
			1	1.50	1.50	T	2.25			
12		Providing and making 12mm thick cement plaster of mix:				Total=	56.01	Sqm	4200.00	235242.0
-	3	In Cement Mortar 1:5 (1 cement : 5 fine sand)								
}			2	9.80	_	1.70	33.32			
ŀ			1	5.60		1.70	9.52			
l		:	1	5.60		3.20	17.92			
13	11.3	Providing and making 15mm thick cement				Total=	60.76	Sqm	96.50	5863.
		wall of mix:								
	3	In Cement Mortar 1:5 (1 cement : 5 fine sand)							,	
1			2	10.00		2.30	46.00		,	
-		· · ·	1	6.00		3.80	22.80			
-	14	martine South Country and the Country	1	6.00		2.30	13.80			
ŀ			2	9.20			11.04			
ŀ		21-20	1	6.00	100000000000000000000000000000000000000		3.60			
t			1	25.60		0.10	2.56			
14	3.1	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.				Total=	99.80	Sqm	113.00	11277.
	5	5 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		90 9	2	9.20	0.60	0.15	1.66			
	_		2	6.00	0.60	0.15	1.08			
	2					Total =	2.74	Cum	4073.00	11143.
15	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height							7070.00	11143.
		of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening		· j=			600.00	Kg	88.50	53100.
		etc. complete with applying a priming coat of red oxide zinc chromate primer.	- - 		· · · · · · · · · · · · · · · · · · ·	- J	E o Fo .			
	1	Electric resistance or induction butt welded tubes Grade-250								

211/91

	10.11	Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and oitch of corrugation, total coated thickness (TCT) mm +/- 5%, epoxy primer on both side of the t and colour polyester top coat 18-20 microns are 6-7 microns on bottom. Sheet should have profective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
			2	8.00	3.60		57.60			
			1	6.00		0.60		_		
17	10.16	Providing and fixing precoated galvanised steel				TOTAL=	61.20	sqm	693.00	42411.60
		sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete:								-
	1	Ridges plain (500-600mm)				-				
29		e ; i	1	10.00			10.00			
Ĭ		0.11.1000				TOTAL=	27.80	Rmt	552.00	15345.60
	2	Gutter (600 mm over all Girth)	2	10.00			20.00			
				10.00		TOTAL=	20.00 16.00	Rmt	629.00	10064.00
	-	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.	=		- 1		800.00		94.50	75600.00
19		Distempering with acrylic washable distemper to give an even shade.								
		On new work (Two or more coats)	- 15 Th				800.00	Sqm	38.00	30400.00
20	-	Finishing walls with water proofing cement paint of required shade to give an even shade.								
		On new work (Two or more coats applied @ 3.84 kg/10 sqm)					500.00	Sqm	41.00	20500.00
21		Painting on new work (two or more coats) to give an even shade with:	. H	21 P.	E 1		500.00	Sqm	55.00	27500.00
i.	1	Satin synthetic enamel paint								
		ende de la companya							Total =	700000 57
									i otal –	799823.57

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

Sub Engineer Municipal Corporation Korba (C.G.)

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

Construction of Store Room and Toilet at M.P. Nagar Garden ward no. 24

As per SOR: Schedule of rates public works department[PWD BUILDING-01-01-2015]

1	SOR									
	Ref.	ITEM DESCRIPTION	NO	L	В	D/H	QTY	UNIT	RATE	AMOUN
1		Excavation for all types and sizes of								
		foundations, trenches and drains or for any								
		other purpose including disposal of excavated								
1	0.0	stuff upto 1.5 m lift and lead upto 50m (at least								,
		5m away from the excavated area), including								
١		dressing and leveling of pits.								
T	1	In all types of soil								
Ī			4	1.20	1.20	1.20	6.91	_		
			4	2.60	0.60		7.84	-		,
			1	2.40	2.30		7.84			
Ī				2.10	2.00	Total=	22.59	_	185.00	4179.5
2	1.18	Providing and filling in plinth with sand/ Crusher	-			Total	22.00	Ouiii	100.00	
		dust and hard moorumunder floor in layers not								
		exceeding 20cm in depth consolidating each								
		deposited layer by ramming and watering,								
×		including dressing etc. complete.				,				
	-		4	1.20	1.20	0.10	0.58			
	A	a la company of	1	3.60	3.60	0.30	3.89			
						Total=	4.46	Cum	371.00	1656.1
3	1.1	7 Filling from available excavated stuff								
		(Excluding rock) in trenches, plinth, sides of								
		foundation etc. in layers not exceeding 20cm in			¥					
		depthconsolidating each deposited layer by					_			
		ramming and watering with a lead upto 50 M.			ì					*.
		and lift upto 1.5 M			- "					
	1 0	4 Desirition and Indian apprical asia alsia association				Total=	22.59	Cum	65.00	1468.4
4	4 3	.1 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.								
		3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
	J	Storie aggregate 40mm normal size).	4	1.20	1.20	0.10	0.50			
	-		4	2.60			0.58 7.84		-	_
	_		1	3.60			1.30	_	- 1	
	-	1, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	<u> </u>	0.00	0.00	Total=	9.71	Cum	2070.00	
	5 2	.1 Providing and fixing formwork including	1.			Total	5.71	Cum	2970.00	28844.6
H 3	2	centering, shuttering, strutting, staging,								
		propping bracing etc. complete and including				90				
		its removal at all levels, for:					A			
4	-	1 Foundations, footings, bases of columns plinth				_				
		beam, curtain wall in any shape and size and				100				
	6.01	all type of wall below plinth level.				\$2 % (0.11)	i grand and a second a second and a second a		200	
1,10	-	an ope or man seem t	4x4	0.60		0.50	4.80		127	
1			4x2	0.30		0.60	1.44			
			4x2	0.20		0.60	0.96			
		The second secon	2	4.00		0.30	2.40			ž.
15	-		2	3.60		0.30	2.16			

1	y					Total=	11.76	Sam	139.00	1634.64
1			\dashv			TOtal-	11.70	<u> </u>		
1		olumns, Pillars, Piers and likes- rectangular square in shape			1					
	or	square in snape	4x2	0.30		2.60	6.24			,
	1		4x2	0.20		2.60	4.16			
	Scientific Section		1//-			Total=	10.40	Sqm	297.00	3088.80
1	8 B6	eams, lintels, cantilevers & walls								
\vdash	-	carrie, interes, carrinevers & wans	2	4.00		0.30	2.40			
\vdash	-		2	3.60		0.30	2.16			
<u> </u>	_		2	4.00		0.20	1.60			
_			2	3.60		0.20	1.44			,
<u> </u>	_		1	1.10	0.60		0.66			
_	_		2	1.00	0.60		1.20			
_	_			0.80	0.40		1.28			
_			4		0.40	0.08	0.18			
			1	2.30			0.15			
L			2	2.20		0.08	0.35			
L			4	1.60		0.08		C===	202.00	2381.1
L						Total=	11.79	Sqm	202.00	2301.1
	b	Suspended floors, roofs, access platform, palconies (plain surfaces) and shelves (cast in situ)								-
-	-	, and the second	1	4.40	4.40		19.36			
			4	4.40		0.12	2.11			
Γ						Total=	21.47	Sqm	235.00	5045.9
	1	cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size).					•			
H		, , , , , , , , , , , , , , , , , , ,	4	1.20	1.20	0.30	1.73			
1			4				0.72			
			4				0.77			
		•	4				0.96			
-			4				0.86			
1			2				0.32			
1			1		0.60		0.29			
t			2				0.01			
		2 34 H 1 1 K 31 I W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W	4	0.80	0.40		0.10			.
			1				2.32			
ŀ			1_1	2.30	2.20					
+	2.4	Fitze for loving DCC/DCC of any grade i		-		Total=	8.90	Cum	4163.00	37029.8
7		Extra for laying PCC/RCC of any grade i superstructure above plinth level for every floo or part thereof in addition to rate for foundatio and plinth:	or n				5.38	Cum	97.50	524.
8	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting bending, binding etc. complete as per drawing including cost of binding wire in foundation an plinth all complete:), S			- %				
		Thermo-Mechanically treated bars FE 415			+	-	200 5			
9	7.5	Brick work with modular fly-ash lime brick (FaLG Bricks) confirming to IS:12894-2002 class designation 4.0 in foundation and plin in:	ot				889.50) Kg	54.50	48477.7

	3 Cement Mortar 1:5 (1 cement : 5 coarse sand)								-
F		2	3.60	0.30	0.80	1.73			А.
/		2	3.40	0.30	0.80	1.63			
1		2	3.60	0.20	2.60	3.74			
	・	2	3.60	0.20	2.60	3.74			
1 1		1	3.60	0.20	2.60	1.87			
1 1		1	1.20	0.20	2.60	0.62			
1 1		2	2.30	0.20	2.50	2.30			
Ιſ		2	2.20	0.20		2.20			7,
		1	1.20	0.60	0.40	0.29			
		1	1.20	0.30	_	0.07			-
	DEDUCT: Door	3	0.90			-1.13			
[Ventilator	4	0.60	0.20	_	-0.19	0	2250.00	56561.40
					Total=	16.88	Cum	3350.00	56561.40
10	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:					8.87	Cum	121.00	1073.03
11	12.9 Providing and laying ceramic glazed floor tiles conforming to IS: 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.								e .
	1 Size 300x300mm					4.00			
		2	1.70	1.20		4.08		692.00	2823.36
12	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.				Total=	4.08	sqm	092.00	2023.30
	2 Size above 200x300mm								Y
		4			2.10	14.28			
		4	1.20	1	2.10		_1		
					Total=	24.36	sqr	n 646.00	15736.56

11.2 Providing and making 12mm thick cement plaster of mix: 3 In Cement Mortar 1:5 (1 cement : 5 fine sand) 2 3.60 3.10 22.32 2 2.20 3.10 13.64 4 1.70 3.10 21.08 4 1.20 3.10 14.88 Deduct: Door,D 1 0.90 2.10 -1.89 Door,D1 2 0.80 2.10 -3.36 Ventilator 4 0.60 0.40 -0.96		/_									
19 gauge thickness and size of 19mm x 19mm for syles and 15 of 15mm for to the 3 of 15mm shall be first make that ye a coal of steel primors of approved make modeled PVC Charles (15 of 15 of 1	1	8.152	Providing and fixing 30mm thick factory made panel PVC								
and 15x15mm for top & bottom rais. M.S. frame shall we also act of steel primers of approved make plagmentancum. M.S. frame covered with 5mm thick heat with the control of	A		door shutter consisting of frame made out of M.S. tubes of								
we a cost of steel primers of approved make in all admirations. M.S. frame covered with branch tick heat modified PVC C' channel of size 30mm thickness, 7mm between the control of the co	11	2	and 15x15mm for top & bottom rails M.S. frame shall								
## Annufacture with 5 frame covered with 5 fram thick heat molided PVC C channel of see 30mm thickness, 70mm with out of which 50mm shall be fast and 20mm shall be speed on both side for for for shall be fast and 20mm shall be speed on both side seed for for side cross EVC shall be speed for shall be fast and 20mm shall be speed on both side FVC shall be fast and 20mm shall be speed on both side FVC shall be fast and 20mm shall be speed on both side FVC shall be fast shall be fast shall be fast and 20mm shall be speed on both side FVC shall be fast sh		1	ave a coat of steel primers of approved make								
moulted PVC channel of size 30mm thickness, 70mm within out of which 50mm shall be fat and 20mm shall be laped in 450epee angle on either side forming styles, shall be fast and 20mm shall be laped on the side forming styles, shall be fast and 20mm shall be the shall be fast and 20mm shall be the shall be fast and 20mm shall be tapered on both sides to form look rail. Top. bottom and lock rails shall be provided as pay insert for pari all shall be provided as pay insert for pari all shotten rail passing of 5mm x 2 y thick, 20mm wide cross PVC sheet be provided as applies for top rail shotten rail passing of 5mm x 2 y thick, 20mm wide cross PVC sheet be provided as applies for top rail shotten rail passing of 5mm x 2 y thick, 20mm wide cross PVC sheet be provided as applies for top rail shotten rail passing of 5mm x 2 y thick, 20mm wide cross PVC sheet be provided as applied to provide			an nanufacture. M.S. frame covered with 5mm thick heat								
width out of which Somm shall be flat and 20mm shall be tapeed in discagers angle on either side forming styles; and 5mm thick, 5mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be s			moulded PVC 'C' channel of size 30mm thickness, 70mm					L'			
topered in 450epree angle on either side forming styles, and form thick, 95mm viside PVC sheet ut or which 75mm shall be the flat and 20mm shall be there and 20mm shall be the flat and 20mm shall be provided as page insert for top rail a bottom rail paneling of 5mm thick both side PVC sheet be adding on inner side, and joined together with solvent coment scheeker. An additional 5mm thick PVC street pd 20mm width is to be stuck on the interior side of the "C' Channel width is to be stuck on the interior side of the "C' Channel width is to be stuck on the interior side of the "C' Channel stalless steel hinges of sise 100x58x1.9 mm complete, for W.C. and bathroom door shutter). 2 Both side Pre-laminated panel PVC door shutter of the stalless steel hinges of sise 100x58x1.9 mm complete, for W.C. and bathroom door shutter). 2 Both side Pre-laminated panel PVC door shutter of the steel steel sise and sise steel hinges of sise 100x58x1.9 mm complete, for W.C. and bathroom door shutter). 14 19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank KIS1: 12701 marked with cover and suitable locking arrangement and making necessary holes for initial cover and suitable locking arrangement and making flat muthick cement plaster of mix. 2 In Cement mortar 1.4 (1 cement: 4 fine sand) 15 11.1 Providing and making flat muthick cement plaster of mix. 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 16 11.2 Providing and making 15mm			width out of which 50mm shall be flat and 20mm shall be								
and Smm thick, Smm wide PVC sheet out of which 75mm shall be flat and 20mm shall be flat and 20mm shall be laptered in 45 degree on the inner side to form top and bottom rall and 115mm wide PVC sheet out of which 75mm shall be that and 20mm shall be sheet out of which 75mm shall be that and 20mm shall be sheet out of which 75mm shall be that and 20mm shall be sheet out of which 75mm shall be that and 20mm shall be sheet out of which 75mm shall be sheet side of the characteristic of the shall be provided where side of the characteristic of 5mm shall be provided sheet be provided as pap inset for top will 20melling of 5mm thick but be first of in the M.S. frame welded sealed to the styles & ralls with 7mm (mem-2mm)thick x frame wide PVC sheet to be fitted in the M.S. frame welded sealed to the styles & ralls with 7mm (mem-2mm)thick x frame wide PVC sheet to be fitted in the M.S. frame welded sealed to the styles & ralls with 7mm (mem-2mm)thick x frame with 8 vibration 4 middle on inner side, and joined together with sohent cement alchesive. An additional farm thick PVC sheet beading on inner side, and joined together with sohent cement alchesive. An additional farm thick PVC sheet beading on inner side, and joined together with sohent cement alchesive. An additional farm thick PVC sheet beading on inner side, and joined together with sohent cement alchesive. An additional farm thick PVC sheet beading on inner side, and joined together with sohent cement alchesive. An additional farm thick PVC sheet beading on inner side, and joined states with a sheet beading on inner side, and joined states with a sheet beading on inner side, and joined together with sohent cement alchesive. An additional states with a sheet beading on inner side, and joined states with a sheet beading on inner side, and joined states with a sheet beading on inner side, and joined states with a sheet beading on inner side, and joined states with a sheet beading on inner side, and joined states with a sheet beading on inner side, and joined state		- 1	tapered in 45degree angle on either side forming styles:						İ		
shall be flat and 20mm shall be tapered in 45 degree on the linear aids to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on bottom rail and took rail Top, but the provision as gap insent for prails and 20mm shall be tapered on both sides to from took rail Top, but the provision as gap insent for prails, abottom rail, paneling of 5mm thick both side PVC sheet to be fifted in the MS. frame wided rails also better rail, and the provision as gap insent for prails, bottom rail, paneling of 5mm thick both side PVC sheet be bading on inner side, and joined fogether with solvent coment achieve. An additional 5mm thick PVC strip of 20mm width is to be study on the interior side of the °C Channel using PVC solvent athesive set, complete as per statistics steel hinges of size 100x5x1 9 mm complete. (for W.C. and bathroom door shutter) 2 Both side Pre-laminated panel PVC door shutter. 2 Both side Pre-laminated panel PVC door shutter. 3 Both side Pre-laminated panel PVC door shutter. 4 19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank (IS1 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 15 11.1 Providing and making 6mm thick cement plaster of mix 2 In Cement mortar 1:4 (1 cement : 4 fine sand) 16 11.2 Providing and making 12mm thick cement plaster of mix 3 In Cement Mortar 1:5 (1 cement : 5 fine sand) 17 11.3 Providing and making 15mm thick cement plaster of mix 3 In Cement Mortar 1:5 (1 cement : 5 fine sand) 18 1.1 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: 3 In Cement Mortar 1:5 (1 cement : 5 fine sand) 19 Deduct: Door,D 10 Deduct: Door,D 20 A,000 3,700 29,600 21 A,000 3,700 29,600 22 A,000 3,700 29,600 23 A,000 3,700 29,600 24 A,000 3,700 29,600 25 A,000 3,300 2,200 3,300 4,300 2,300 4,300 2,300 4,300 2,300 4,300 2,300			and 5mm thick, 95mm wide PVC sheet out of which 75mm			ł			1	1	
PVC sheet out of which 75mm shall be fat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel. Home (firm x 2) timek, 20mm which cross PVC sheet be provided as spo insert for top rail & bottom rail. Spaneing of smm thick both side PVC sheet to be fitted in both Michael with side PVC sheet to be fitted in both Michael with side PVC sheet to be fitted in both Michael with side PVC sheet to be fitted in both Michael with side PVC short to be stude on the side and on inner side, and ploind together with solent coment adhesive. An additional 5mm thick PVC strip of 20mm width is to be stude on the interior side of the "C'Channel using PVC solvent adhesive etc. complete as per Manufacturer's specification including 3 nos ISI marked stainless steel hinges of size 100x58x1,9 mm complete. (for V.C. and bathroom door shutter). 2 Both side Pre-laminated panel PVC door shutter. 2 Both side Pre-laminated panel PVC door 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 15 11.1 Providing and making femm thick cement plaster of mix: 2 In Cement mortar 1.4 (1 cement: 4 fine sand) 16 11.2 Providing and making 12mm thick cement plaster of mix: 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 17 11.3 Providing and making 15mm thick cement plaster of mix: 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 18 11.7 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 4 1.70 3.70 2.960 4 1.00 3.70 2.960 5 2 4.00 3.70 2.960 6 2 4.00 3.70 2.960 1 2 4.00 3.70 2.960 1 2 4.00 3.70 2.960 1 2 4.00 3.70 2.960 1 2 4.00 3.360 2 4.00 3.360 2 4.00 3.360 3 Cement Mortar 1.5 (1 cement: 5 fine sand)	- 1		shall be flat and 20mm shall be tapered in 45 degree on						1		
## with the tapered on both sides to form lock rail. Top. bottom and lock rails table provided step set of the panel. 10mm (8mm x 2) mick, 20mm wide cross PVC sheet be provided as give insert for top rail. abottom rail. paneling of 5mm thick both side PVC sheet be did in the M.S. Tame welded sealed to the styles 6 rails with 7mm (8mm-2mm)thick x 15mm wide PVC sheet beading on inner side, and joined logether with sevent cement with it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick PVC stitle of 20mm within it is be additional 5mm thick provided at a similar stitle in the provided and provided at a similar stitle in the provided and provided at a similar stitle in the provided and provided at a similar stitle in the provided and provided at a similar stitle in the provided and provided at a similar stitle in the provided at a similar stitle in			the inner side to form top and bottom rail and 115mm wide								
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sheet be provided as gap insert for tor pail & bottom rail. paneling of 5mm thick both side PVC shoth side by Choth side PVC shoth side PVC shoth side PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional form thick PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional form thick PVC strip of 20mm width is to be stuck on the interior side of the °C channel using PVC solvent adhesive etc. complete as per Manufacturer's specification including 3 nos ISI marked stainless side highest of size 100-68x1.9 mm complete. (for W.C. and bathroom door shutter) 2 Both side Pre-laminated panel PVC door shutter 2 Both side Pre-laminated panel PVC door shutter 3 Both side Pre-laminated panel PVC door shutter 4 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 11.1 Providing and making 6mm thick cement plaster of mix: 2 In Cement mortar 1.4 (1 cement: 4 fine sand) 16 11.2 Providing and making 12mm thick cement plaster of mix: 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 16 11.2 Providing and making 12mm thick cement plaster of mix: 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 17 11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 4 1.00 3.70 29.60 5 2 4.00 3.70 29.60 17 11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: 3 In Cement Mortar 1.5 (1 cement: 5 fine sand) 5 2 4.00 3.70 29.60 6 2 4.00 3.70 29.60 9 2 4.00 3.70 29.60 10 2 4.00 3.70 29.60 10 2 4.00 3.70 29.60 10 2 4.00 3.70 29.60 10 2 4.00 3.70 29.60 10 3 3.60 3.70 29.60 10 3 3 3 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5			panel. 10mm (5mm x 2) thick 20mm wide cross PVC				1				
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on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PCV strip of 20mm width is to be stuck on the interior side of the "C Channel using PVC solvent adhesive et. complete as per Manufacturer's specification including 3 nos 15l marked stainless steel hinges of size 100x581.9 mm complete. (for W.C. and bathroom door shutter). 2 Both side Pre-laminated panel PVC door shutter 2 0.80 2.10 3.36 sqm 2832.00 9515.52 mm complete. (for W.C. and bathroom door shutter). 14 19.42 Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISl: 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 15 11.1 Providing and making 6mm thick cement plaster of mix 2 in Cement mortar 1:4 (1 cement: 4 fine sand) 16 11.2 Providing and making 12mm thick cement plaster of mix: 3 in Cement Mortar 1:5 (1 cement: 5 fine sand) 10 0.00 12.30 3.10 13.64 4 1.70 3.10 22.32 1 1.89 1 1.90 1 1.	- 1		the M.S. frame welded/ sealed to the styles & rails with								
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2 Both side Pre-laminated panel PVC door shutter			(for W.C. and bathroom door shutter).							, ,	
Shutter	1										
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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 2 ln Cement mortar 1:4 (1 cement : 4 fine sand) 1 3.6 3.60 12.96	l- pig	ē.	Shutter		0.00	_	2.40	2.26			
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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 11.1 Providing and making 6mm thick cement plaster of mix 2 In Cement mortar 1:4 (1 cement : 4 fine sand) 1 3.6 3.60 12.96	14	19.4						1			
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2 3.60 3.10 22.32				4 17 18	1600						
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Door,D1			Deduct: Door,D	_							· ·
Ventilator				_							
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wall of mix: 3 In Cement Mortar 1:5 (1 cement : 5 fine sand) 2 4.00 3.70 29.60 2 4.00 3.70 29.60 Deduct: Door,D 1 0.90 2.10 -1.89 Door,D1 2 0.80 2.10 -3.36	17	11.3	placter on the rough side of single or half brick	l			_ =				
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2 4.00 3.70 29.60 Deduct: Door,D 1 0.90 2.10 -1.89 Door,D1 2 0.80 2.10 -3.36	15	3	In Cement Mortar 1:5 (1 cement : 5 fine sand)				1 A 7 0m				
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Deduct: Door,D 1 0.90 2.10 -1.89 Door,D1 2 0.80 2.10 -3.36				2	4.00						n 1 J 2
Door,D1 2 0.80 2.10 -3.36	-		Deduct: Door.D	1		1.1					
Variety 4 0 60 2.10 -3.36										-	
Verillator 0.40 -0.96		# 1		_							~
	4		Ventulator		3.00		0.40	-0.96	.	9	

	T	,				Total=	52.99	Sqm	113.00	5987.87
3.		ding and laying nominal mix plain cement								
1		rete with crushed stone aggregate using						1		
	The same of	rete mixer in all works upto plinth level						1		
	the residen	uding cost of form work.	_							
		2:3 (1 cement : 1½ coarse sand : 3 graded								=
	ston	e aggregate 20mm nominal size).		2.00	0.00	0.10	0.79		-	
			_1	3.60			0.79			
			2	5.20			0.94			
<u>.</u>			2	4.00	0.60	0.15 Total	2.45	Cum	4073.00	9970.70
9.	13 Prov	viding and fixing steel door/ window with M.S.				Total	2.45	Cum	4010.00	
	she brad M.S ned	et 1mm thick, frame of angle iron, diagonal ces of angle/ flat iron of suitable size, 3.00 mm 6. gusset plates at junctions and corners, all cessary fittings complete including applying a ming coat of red oxide zinc chromate primer.					132.00	Kg	75.00	9900.00
										,
14	ex w: A	oviding and applying 2mm thick ready mix terior grade approved make putty (like Birla all care, Alltek Superfine W/R of (NCL), sian, ICI, Nerolac, J.K. wall putty) on walls to					131.66	Sqm	94.50	12441.87
+	14.9 D	nake the surface smooth and even. Distempering with acrylic washable distemper	-							
L	to	o give an even shade.	-		+-	+	78.67	Sqm	38.00	2989.46
1	1 1	On new work (Two or more coats)			+	-	70.01	- 1		
2	14.14 F	Finishing walls with water proofing cemen	ľ							
		paint of required shade to give an even shade.			-	-	-			4000.7
	1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)					118.70	Sqm	41.00	
23		Painting on new work (two or more coats) to give an even shade with:	2	0.9	0	2.	3.78	Sqn	55.00	207.9
		Satin synthetic enamel paint	-	-	-		+	+		
24	8.60	Providing and fixing bright finished bras sliding door bolt with nuts and brass polished	d				6.00	eac	h 475.00	2850.0
	1	MS screws complete:		+						
25	8.62	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished M screws complete:	er S		_		6.0	0 eac	ch 276.00	1656.
	1	250x10mm			- 4		_			
26	8.65	Providing and fixing bright finished brass do handles with brass polished MS screw complete:	or vs				6.0	00 ea	ch 55.5	0 333
27		Providing and fixing Chlorinated Polyvir Chloride (CPVC) pipes, having thermal stabil for hot & cold water supply including all CPV plain & brass threaded fittings i/c fixing the pi with clamps at 1.00 m spacing. This including iointing of pipes & fittings with one step CPV solvent cement and the cost of cutting chas and making good the same including testing joints complete as per direction of Engineer Charge. CONCEALED WORK including cutto chases and making good the	ity /C pe es /C es of							
		walls etc.,					91	1		
		. E. v.	_							1 m
		2 20 mm nominal outer dia .Pipes.					10	.00	m 167.	00 1670
	1	3 25 mm nominal outer dia .Pipes.		1				.00	m 213.	

	1								
	Trans.	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	ı						
		15 mm dia. nominal bore	-		1	12.0	0	m 149.00	1788.00
		widing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete:	l						
11		25 mm dia. nominal bore				22.0) r	n 222.00	4884.00
30		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:							
	1	Bib cock (400 grams)				6.00	eacl		
ΙΓ	3	Long body bib cock (500 grams)				4.00	each	426.00	1704.00
		Providing and fixing stainless steel drain jali of approved make/quality.				6.00	each	51.00	306.00
32	19.18	Providing and fixing gun metal non- return valve (horizontal type) of approved quality (screwed end):					W.		
-	1	25 mm nominal bore		1		6.00	each	413.00	2478.00
33	19.43	Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the				6.00	each	125.00	750.00
34	18.25	same : Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste				6.00	each	68.50	411.00
	1	fittings complete. 32 mm dia							
35		Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:				0.27	Sqm	2016.00	544.32
36	19.10	5mm thick mirror Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)				9.00	each	200.00	1800.00
37	19.16	25 mm nominal bore Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):				4.00	each	436.00	1744.00
38	18.	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;				2.00	Nos	2899.00	5798.00
	e	White Orissa pattern W.C. pan of size 580x440 mm							
39		Providing and fixing vitreous china wash basin with C.I. brackets, 32mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required:				2.00	Nos	1203.00	2406.00
	3	White size 450x325 mm		-1					

	1	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:			1.00	each	1529.00	1529.00
1	The state of the s	Flat back type urinal of size 460x380x250mm Ill corner type urinal of sizes 340x410x265mm	-		1.00		1659.00	
41	i i i i	Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm² in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm top and 165 mm deep (inside) with chained lid and RCC top slab 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 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a loating coat of neat cement complete as per standard design :			2.00	each	4356.00	8712.00
							Total =	329044.73

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

Sub Engineer Municipal Corporation Korba (C.G.)