

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

मुख्य कार्यालय - साकेत भवन, आई.टी.आई. चौक, कोरवा (छ.अ.)

बालको नगर जोन

फा.क. / 2064, 2066, 2067, 2068, 2070, 2076 एवं 2077 / निर्माण (बालक) नगर जोन) / 2024-25 /

कोरबा, विनांक 18.11.2024

## द्वितीय निविदा आगंत्रण की सूचना

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत राक्षाम श्रेणी में पंजीकृत ठैकैदारों से निम्निलिखित कार्य हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा प्रचितत PWD Building SOR 01.01.2015 & PWD Electrical SOR 01.06.2020 से प्रभावशील दर अनुराूची पर (िविदा खुलने के दिनांक तक रागरत संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्युल अनुसार आयटम दरों पर निम्निलिखित निर्माण कार्य हेतु मैन्युअल निविदा वेबसाईट से डाउनलोड कर मुहरबंद लिफाफा में निविदा आमंत्रित की जाती है :--

निर्धारित प्रारूप में निविदा प्रपत्र प्राप्त होने की अंतिम तिथि

- 06.12.2024 सायंकाल 3:00 बजे तक

2. निविदा खुलने की अंतिम तिथि

- 06.12.2024 सायंकाल ४:30 वर्ज

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि क में	निविदा प्रपन्न का मूल्य	निविदा प्रपन्न	कार्यावधि	ठेकेंदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	वार्ड क्र. 42 दशहरा मैदान शिवनगर में बाउण्ड्रीवाल निर्माण कार्य। (अधोसंरचना मद वर्ष 2024–25) द्वितीय निविदा	5,00,000/-	5,000 /-	750/-	Form-	०३ गाइ	राक्षम श्रेणी	06.12.2024
2	वार्ड क्र. 34 बेलगिरी बस्ती में अमर सिंह होटल के पास मुक्तिधाम निर्माण कार्य। (प्रभारी मंत्री मद वर्ष 2024–25) द्वितीय निविदा	10,00,000/-	7,500 /-	750/-	Form-	04 माह	राक्षम श्रेणी	06.12.2024
3	वार्ड क्र. 35 न्यू शांतिनगर में सी.सी. रोड व नाली निर्माण कार्य। (प्रभारी मंत्री मद वर्ष 2024—25) द्वितीय निविदा	10,00,000/-	7,500 /-	750/-	Form- A	04 माह	सक्षम श्रेणी	06.12.2024
4	वार्ड क्र. 38 शासकीय प्राथमिक शाला सेक्टर 04 में अहाता निर्माण कार्य। (जिला खनिज संस्थान न्यास मद वर्ष 2024–25) द्वितीय निविदा	7,09,000/-	5,500 /-	750/-	Form- A	04 माह	सक्षम श्रेणी	06.12.2024
5	वार्ड क्र. 42 शासकीय प्राथमिक शाला शिवनगर (बीच मोहल्ला) में अहाता निर्माण कार्य। (जिला खनिज संस्थान न्यास मद वर्ष 2024–25) द्वितीय निविदा	2,97,600/-	3,000 /-	750/-	Form- A	03 माह	सक्षम श्रेणी	06.12.2024
6	वार्ड क्र. 35 नगर पालिक निगम कोरवा द्वारा निर्मित वरिष्ठ जन हेतु अनुभव भवन बालकोनगर के प्रथम तल में हॉल निर्माण। (विधायक मद वर्ष 2024–25) द्वितीय निविदा	10,00,000/-	7,500 /-	750/-	Form-	04 माह	सक्षम श्रेणी	06.12.2024
7	वार्ड क्र. 35 राधा कृष्ण मंदिर हाउसिंग बोर्ड कालोनी के पास बालको रिथत नगर पालिक निगम कोरबा द्वारा निर्मित सामुदायिक भवन के प्रथम तल का निर्माण कार्य। (विधायक मद वर्ष 2024–25) द्वितीय निविदा	10,00,000/-	7,500 /-	750/-	Form- A	04 माह	सक्षम श्रेणी	06.12.2024

- 1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत् दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
- 3. निविदा प्रपत्र नगर पालिक निगम, कोरवा के वेवसाईट www.korbamunicipal.in/uad.cg.gov.in डाउनलोड किया जाकर नवीन निविदा प्रपत्र Form A/B/ABC (जारी दिनॉक तक समस्त संशोधनों के साथ) आयुक्त, नगर पालिक निगम, कोरवा के नाम पर देय निर्धारित शुल्क की डीडी के साथ संबंधित कार्य का नाम पूर्ण विवरण सहित भरकर भेजना होगा।
- 4. निविदा मुहरवंद लिफाफा में 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 निर्धारित निविदा प्रपत्र शुल्क का डीडी, निविदाओं में निविदाकार को फिजिकल दस्तावेज के साथ निविदा सूचना प्रसारित होने के पश्चात् राशि रू. 100/— के स्टॉम्प पर निष्पादित शपथ पत्र जिसमें संवंधित कार्य का नाम एवं कार्य की निविदा क्रमांक अंकित हो प्रेषित करना अनिवार्य होगा एवं अमानत राशि का टी.डी.आर./एफ.डी.आर. जो कि आयुक्त, नगर पालिक निगम कोरवा के नाम पर देय होगा प्रस्तुत करना होगा।
  - (व) द्वितीय लिफाफा में ठेकेदार द्वारा भरा हुआ निविदा प्रपत्र होगा।
- 5. जिन ठेकेदारों द्वारा नगर पालिक निगम, कोरवा के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम, कोरवा के हित के विरूद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
- 6. निविदा हेतु इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकरी पिछले 03 वित्तीय वर्षों का आय चुकता प्रमाण पत्र, पेन नम्बर, जी.एस.टी. (जीवित) पंजीयन एवं प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधिसंगठन,कर्मचारी, राज्य बीमा निगम रायपुर से पंजीयन एवं विस्तृत निविदा आमंत्रण सूचना ठेकेदार के हस्ताक्षर सहित निविदा दस्तावेजों के साथ प्रस्तुत करना अनिवार्य होगा।
- 7. कार्य हेतु लिफाफे पर कार्य का नाम निविदा आमंत्रण सूचना कमॉक, निविदा खुलने की तिथि स्पष्ट रूप से लिखकर भेजना होगा।
- 8. निविदाकार का यह दायित्व है कि वे निविदा भरने के पूर्व स्थल का स्वयं निरीक्षण कर लेवें ताकि प्रारंभ करने में किसी प्रकार की कठिनाई न हो।
- 9. निर्धारित निविदा प्रपत्र में उल्लेखित कंडिका स्वमेव लागू मानी जावेगी एवं निविदा आमंत्रण सूचना निविदा का ही भाग माना जावेगा।
- 10. निर्धारित प्रारूप में निविदा प्रपत्र, निविदा प्रपत्र शुल्क, अमानत राशि, निविदा आमंत्रण सूचना पत्र में उल्लेखित दस्तावेज सही पाए जाने पर ही निविदा दर संबंधी लिफाफा खोला जावेगा अन्यथा निविदा निरस्त कर दी जावेगी।
- 11. ठेकेदार को अपनी दरें शब्दों एवं अंको में लिखना अनिवार्य होगा।
- 12. शासन के विभिन्न विभागों जैसे:— खजिन 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 रिथति में छोड़ता है तो निविदा प्रपत्र में उल्लेख अनुसार इस संबंध में प्रावधान के अंतर्गत कार्यवाही की जावेगी।
- 14. कार्य प्रारंभ नहीं करने अथवा अपूर्ण स्थिति में छोड़ने पर निगम द्वारा ठेकेदार के विरूद्ध निविदा शर्तानुसार एवं मेयर इन काउंसिल के निर्णयों के अनुरूप कार्यवाही की जावेगी जिसकी संपूर्ण जवाबदारी ठेकेदार की होगी।
- 15. सफल निविदा दाता से अनुबंध के समय अतिरिक्त परफार्मेंस राशि जमा कराई जावेगी जबिक निविदा की दरों में काफी कमी हो जैसे निविदादाता को निविदा दर एवं अनुमानित लागत से 10 प्रतिशत से अधिक निविदा दर होने पर सफल निविदादाता को निविदा दर एवं अनुमानित लागत के 90 प्रतिशत अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक का एफ.डी.आर. / टी.डी.आर. ऑफिस अथवा टाईम डिपॉजिट जो कि आयुक्त नगर पालिक निगम कोरबा के नाम से देय होगा, जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि को जमा न करने की दशा में निविदा निरस्त कर दी जावेगी।
- 16. सम्पूर्ण किये गये कार्यों के लिये 5 प्रतिशत की दर से सुरक्षा राशि रिनंग देयकों के साथ 01 वर्ष हेतु साथ ही मरम्मत एवं संघारण 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 जायेगी। सुरक्षा राशि एवं परफारमेंस गारंटी राशि वापसी हेतु समयाविध की गणना कार्य

पूर्णता तिथि से किया जायेगा। उक्त समयाविध में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भूगतान किया जायेगा।

क आधार पर मुगतान विश्व आहें। ... 17. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सिन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) निविदा में भाग लग वाल उपरवार पर उस्ते के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत अधिनियम 1996 एवं तद्अंतर्गत निर्धारित नियमों के तहत् पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत

18. निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में किये जा रहे कार्यों का निवदाकार का प्रत्यम् रामुख्य न रहा । उत्तर का स्वाधित का प्रत्य प्रत्य प्रत्य का प्रत्य प्राप्त का प्रत्य का प विवरण राशि सहित राशि रू. 100/— नॉन ज्यूडिशियल स्टॉम्प पेपर पर निष्पादित शपथ पत्र निविदा दस्तावेजो के साथ संलग्न

- 19. ईंट से संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- 20. निविदा प्रपत्र अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
- 20. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त, नगर पालिक निगम कोरबा का निर्णय अंतिम एवं
- 22. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान
- 23. कार्य कियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
- 24. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य
- 25. ठेकेदार द्वारा संपादित किये गए कार्यो के देयको का भुगतान बजट आबंटन और राशि उपलब्ध होने पर किया जाएगा।
- 26. निविदा स्वीकृत करने अथवा अस्वीकृत करने का अधिकार आयुक्त, नगर पालिक निगम के पास सुरक्षित रहेगा।
- 27. निविदा खुलने की तिथि में अवकाश होने पर आगामी तिथि (कार्य दिवस) को निविदा संबंधी कार्यवाही मानी जावेगी।

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

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(ठेकेदार के हस्ताक्षर)	
नाम	(Najort)
पूर्ण पता	कार्यपालने समियत नगुर् पालिक निगर
	कोरवा (छ.ग.)
मोबाईल नं.—	

## OFFICE OF THE NAGAR PALIK NIGAM, KORBA (C.G.) **ABSTRACT**

## ORK CONSTRUCTION OF FIRST FLOOR OF SAMUDAYIK BHAWAN CONSTRUCTED BY NAGAR NIGAM KORBA SITUATED NEAR RADHA KRISHNA MANDIR HOUSING BOARD COLONY BALCO AT WARD 35

OR :SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]

1	REF	TITEM DESCRIPTION	UNIT	QT	Y RA	TE AMOU
4	1.2	Surface dressing of the ground including				
	1.2	Surface dressing of the ground including removing vegetation and making	sqm	24	.5 7.	20 176.4
	100	up undulations and in-equalities not exceeding 15 cms in depth/ height				j
	P:	including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m				
ALTE O	11	away from the dressed area).				
2	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				1
		lead upto 50m (at least 5m away from the excavated area), including				
		dressing and leveling of pits.				
	1.1	In all types of soils.	cum	14.59	185.0	0 2,699.1
3	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum	cum	0.95	371.0	0 352.45
		under floor in layers not exceeding 20cm in depth consolidating each				
		deposited layer by ramming and watering, including dressing etc.				
		complete.				
4	3.1	Providing and laying nominal mix plain cement concrete with crushed				1
		stone aggregate using concrete mixer in all works upto plinth level				1
		excluding cost of form work.				
	1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm	cum	0.95	2659.00	2,526.05
		nominal size).	Cam	0.55	2009.00	2,520.05
5	3.12	Providing and placing in position reinforcement for R.C.C. work including				
		straightening, cutting, bending, binding etc. complete as per drawings	1	1		
		including cost of binding wire in foundation and plinth all complete:				e.
	12.1	Thermo-Mechanically treated bars FE 415	kg	2335.3	54.50	127,273.85
6	2.1	Providing and fixing form work including centring, shuttering, strutting,	g	2000.0	34.50	121,213.03
		staging, propping bracing etc. complete and including its removal at all				
		levels, for:				
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any	sgm	10.12	139.00	1 400 00
	1	shape and size and all type of wall below plinth level.	3qiii	10.12	139.00	1,406.68
$\top$	1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	56.32	207.00	40 707 04
+	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and		82.04	297.00	16,727.04
		shelves (cast in situ)	sqm	02.04	235.00	19,279.40
1	1.8	Beams, lintels, cantilevers & walls	sqm	45.92	202.00	0.077.71
	1.15	Stair cases of all types excluding spiral and folded plate type, including		15.72	202.00	9,275.84
		risers and landings	sqm	15.72	230.00	3,615.60
	3.2	Providing and laying nominal mix reinforced cement concrete with crushed				
	1	stone aggregate using concrete mixer in all works upto plinth level				
		excluding cost of form work.				
+	2.1	1:1½3 (1 cement: 1½ coarse sand : 3 graded stone aggregate 20mm	AUE	04.00	4100 55	
	,	nominal size).	cum	21.23	4163.00	88,380.49
+-		Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to				
1 '			1			
+		IS:12894-2002 of class designation 4.0 in foundation and plinth in:  Cement Mortar 1:6 (1 cement : 6 coarse sand)				
	7.7	ochient wortai 1.0 (1 centent : 0 coarse sand)	cum	26.71	3263.00	87,154.73

			THE PARTY OF THE P	restriction of the Pi	es a será (	e tressur
		ITEM DESCRIPTION	UHIT	QTY	RATE	ниома
	4	Providing and making 12mm thick coment plaster of mix:		404 66	91.50	16,640.19
	4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	181.86	33.00	380.16
	1D	Neat Cement punning.	sqm	11.52	00,00	(ACA) 10
1	11.3	Providing and making 15mm thick cement plaster on the rough side of				
A		single or half brick wall of mix:	any produce an order of the same	A 29 29 29 CF	107.00	19,022,46
	3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	eqm	177.78	107.00	19,0227
12	11.1	Providing and making 6mm thick cement plaster of mix:	COMPANIES SECTIONS OF SECTION	70.00	02.00	8,688.56
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)	eqm	76,88	87.00	NAME AND ADDRESS OF THE OWNER, WHEN THE
13	14.13	Providing and applying 2mm thick ready mix exterior grade approved	egm	425	94.50	40,162.50
		make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI,		1		
		Nerolac, J.K. wall putty) on walls to make the surface smooth and even.				
14	14.15	Painting exterior surface with ACRYLIC SMOOTH exterior paint of				
Ì		required shade as per manufacturer's specifications to give protective and		1		
		decorative finish including cleaning washing of surface etc. complete with:				
	15.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and	sqm	425	56.00	23,800.00
		including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)				
15	10.11	Supply and fixing of precoated galvanized iron profile sheets (size, shape	sqm		636.00	
		and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/-				
		5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 In			1	
		240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet				
		and polyester top coat 15-18 microns. Sheet should have protective guard		1		
		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				
	1	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.				
16	12.13	Providing and laying vitrified floor tiles with double charge/ multi charge				
		printing with water absorption less than 0.5% and conforming to IS:				
		15622 of approved make in all colours and shades and size mentioned				
		below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4				
		coarse sand) including grouting the joints with white cement and				
		matching pigments etc. complete.				
	13.1	Size 600x600mm	sqm	91.04	1151.00	104,787.04
17	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				
	1	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.				
	7.1	Size upto 200x300mm	sqm	15.6	587.00	9,157.20
18	12.9	Providing and laying ceramic glazed floor tiles conforming to IS: 15622 of				
l		approved size, make, colour, shade laid on 20 mm thick Cement	Ŧ.,			
		Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with				
		white cement mixed with matching pigment etc., complete.				
	9.1	Size 300x300mm	sqm	10	692.00	6,920.00

N.	Carrier Co.	ITEM DESCRIPTION				
15	9.57	Providing stainless steel railing to the	HAUT			
	A	square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and at the	UNIT	QTY	RATE	AMOUNT
		balcony or other places with metal fasteners and stainless steel bolts etc			,	
	F	complete.				
	57.2	SS Grade 304				•
20	9.51	Providing and fixing playing in playing	kg	140	505.00	
-		Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ peopress.		140	525.00	73,500.00
		and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):				
	51.1	With float glass panes of 4 mm thickness				
21	9.58	Extra for providing and five of	sqm	10.8	611.00	0.000.00
		Extra for providing and fixing tinted glass panes in aluminium door, window, ventilator shutters and partitions.		10.0	611.00	6,598.80
	58.1	window, ventilator shutters and partitions instead of float glass.  4 mm thickness				
22	9.54	The state of the s	sqm	8.64	107.00	201.15
	0.01	Providing and fixing anodized aluminium framed grill (minimum anodic	kg	10	396.00	924.48
		of approved shape notion and decident		10	390.00	3,960.00
		more and erecting fixing to door window				
		name of to wall with fixing clips or hold fasteners or holfs and nuts				
00	0.47	as required etc. complete.				
23	9.47	Providing and fixing aluminium work for doors, windows, ventilators and				
		partitions made out of extruded aluminium standard sections (main				
		section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285				
		mitred and jointed mechanically including aluminium cleats, neoprene				
		weather stripping gasket beveled edge beading, screws duly fixed in wall/				
		floor with fixing clips or hold fasteners or bolts and nuts as required				
		aluminium sections shall be anodized transparent or dyed to approved	j			
		shade according to IS: 1868, minimum anodic coating shall be of grade				
		AC-15. (Glazing to be paid for separately:				
	17.1	For fixed portion	0	130	331.00	43,030.00
24	7.23	Extra for brick work, where height of work exceeds 4.0 metre from	cum	20.58	94.50	1,944.81
		immediate below floor level.				.,
25	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth	cum	15.71	97.50	1,531.72
		level for every floor or part thereof in addition to rate for foundation and				
		plinth:				
26	8.12	Providing and fixing flush door shutters, conforming to IS: 2202 (Part-I),				
		decorative type core of block board construction with frame of first class				
-		hard wood and well matched teak ply veneering with vertical grains				
		or cross bands and face veneers on both faces of shutters excluding				
		hinges.				
	12.2	35 mm. thick (single leaf)	sqm	3.78	2005.00	7,578.90
27	9.13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of	kg	270	75.00	20,250.00
		angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S.				
		gusset plates at junctions and corners, all necessary fittings complete				
		including applying a priming coat of red oxide zinc chromate primer.		and the same of the	e Constant	
28	14.22	Painting on new work (two or more coats) to give an even shade with:	11.5.371			4 000 00
	22.1	Satin synthetic enamel paint	sqm	24.84	55.00	1,366.20
29	18.4	Providing and fixing vitreous china water closet (European type W.C. pan)				1 40 pc
		with white ISI marked plastic seat and lid, 10 litre low level white P.V.C.	- "			
		flushing cistern (same colour), conforming to IS: 7231, with all fittings and				
1		fixtures complete including cutting and making good the walls and				

White pedestal type  30 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:  13.1 Flat back half stall urinal of size 460x380x250mm each 2 1776.00 3,552.00	À	REF	ITEM DESCRIPTION				
30   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:	W.	el a	floors wherever required :	UNIT	QTY	RATE	AMOUNT
13.1   Flat back half stall urinal of size 460x390x250mm   each   2   1776.00   3,552.00		1					
13.1   Flat back half stall urinal of size 460x390x250mm   each   2   1776.00   3,552.00	30	18.13	Providing and fixing white vitreous china urinal basin with words 500	each	2	2882.00	5,764.00
13.1   Prior Mail Commer Pyte united of sizes 460x380x250mm   each   2 1776.00   3,552.00			per to . 2000, and other couplings in C.P. hrase complete.				
3.3   Well corner type urinal of sizes 340x410x265mm   each   2 1659.00   3,318.00		13.1	Flat back half stall urinal of size 460x380x250mm				
13.1   Providing and fixing vifreous china wash basin with C.I. brackets, 32 mm cutting and making good the walls wherever required:   17.1   White Size 550x450 mm   each   3   1430.00   4,290.00     17.2   18.25   Providing and fixing fexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.   25.1   32 mm dia   32 mm dia   33   18.30     18.30   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 :		13.3	Wall corner type urinal of sizes 340x410x265mm		2	1776.00	3,552.00
cutting and making good the walls wherever required:  17.1 White Size 550x450 mm  18.2 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.  25.1 32 mm dia  28.1 Royal providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.  29.1 32 mm dia  29.1 Royal gand fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moutded frame of approved make and shade with 6 mm thick hard board backing:  30.1 Smm thick mirror  30.1 Smm thick mirror  30.1 Smm thick mirror  40.1 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.  70.2 110 mm dia pipe.  70.2 110 mm dia pipe.  71.5 Providing and fixing on wall face UV stabilized Unplasticised - PVC moutded 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.  71.5 VPY trag 110mm/110mm long  71.6 Nahani trap 110x75mm each 2 227.00 454.00  71.7 Nahani trap 110x75mm each 2 90.50 181.00  71.6 Nahani trap 110x75mm each 2 90.50 181.00  71.7 Ins includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes.  71.9 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:  14.1 Bib cock (400 grams)  14.2 Angle valve for basin mixer and geyser points (450 grams)  28.0 Cock (400 grams)	31	18.17	Providing and fixing vitreous china wash basin with C.L. brackets 22	each	2	1659.00	3,318.00
17.1   White Size 550x450 mm   each   3   1430,00   4,290,00			on brass waste or standard pattern, including painting of brackets				
17.1 White Size \$50x450 mm  32 18.25 Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.  25.1 32 mm dia  33 18.30 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:  30.1 Simm thick mirror  31 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 (klaylsqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion eto complete.  35 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (klaylsqcm) including required couplers, jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  36 19.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings ic fixing the pipe with clamps at 1.00 m spacing.  This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia. Pipes. metre  33 110.00 3,630.00 metre required:  14.1 Bib cock (400 grams) each 3 398.00 1,194.00 metre required:  14.1 Bib cock (400 grams) each 3 398.00 1,194.00 metre required:  14.1 Bib cock (400 grams) each 3 398.00 1,194.00 1,482.00 1,491.00 1,492.00 1,491.00 1,492.00 1,491.00 1,492.00			cutting and making good the walls wherever required:				
Providing and tixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.		17.1	White Size 550x450 mm				
25.1 32 mm dia 33 18.30 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:  30.1 Smm thick mirror  30.1 Smm thick	32	18.25	Providing and fixing flexible P.V.C. waste nine for sink or wash basis	each	3	1430.00	4,290.00
25.1 32 mm dia  25.1 32 mm dia  25.1 30 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:  30.1 Smm thick mirror  34 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.  76.2 110 mm dia pipe.  76.2 110 mm dia pipe.  77.5 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (keavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.5 VPV trap 110mmx110mm long  77.5 VPV trap 110mmx110mm long per freemal expansion.  77.6 Nahani trap 110x75mm  80 19.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings ic fixing the pipe with clamps at 1.00 m spacing.  This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia Pipes.  7.1 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams)  14.4 Sibop cock (concealed) (600 grams)  14.5 Shower rose (revolving type) (150mm)  25.1 Towel rail (600mm long x 20mm dia)  77.5 Towel rail (600mm long x 20mm dia)  77.5 Towel rail (600mm long x 20mm dia)  77.5 Towel rail (600mm long x 20mm dia)			including P.V.C. waste fittings complete.				
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:    30.1   Smm thick mirror   Sqm   Z   2016.00   4,032.00		25.1	32 mm dia	-			
required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:  30.1 Smm thick mirror  30.1 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.  30.1 Thorm dia pipe.  30.2 Thorm dia pipe.  30.3 Thorm dia pipe.  30.4 Thorm dia pipe.  30.5 Thorm dia pipe.  30.6 Thorm dia pipe.  30.7 Providing and fixing on wall face UV stabilized Unplasticised - PVC 30.7 moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 leaving 10 mm gap for thermal expansion.  30.7 This under this providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings ic fixing the pipe with clamps at 1.00 m spacing.  30.7 This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  30.7 This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. InterNal WORK - EXPOSED ON WALL  30.7 This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. The 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:  30.7 This includes jointing of pipes & fittings with one step CPVC solvent cement and expansion.  30.8 This min nominal outer dia P	33	18.30	Providing and fixing mirror of superior place (of approved quality), and at	each	2	68.50	137.00
30.1 Smm thick mirror  34 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.  76.2 110 mm dia pipe.  76.2 110 mm dia pipe.  76.2 170 moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.5 VPV vap 110mmx110mm long each 2 227.00 454.00 each 2 90.50 181.00 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings ic fixing the pipe with clamps at 1.00 m spacing.  This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes.  77.9 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:  14.1 Bib cock (400 grams)  14.4 Piller Cock (400 grams)  14.5 Shower rose (revolving type) (150mm)  28.1 Shower rose (revolving type) (150mm)  29.1 Forwiding and placing on terrace (at all floor levels) polyethylene water	1		required shape and size with plastic moulded frame of approved make		0.		
30.1 Smm thick mirror  18.76 Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS: 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.  18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  17.5 VPV trap 110mmx110mm long 17.6 Nahani trap 110x75mm each 2 90.50 181.00  18.00  19.4 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 testing of joints complete as per direction of Engineer in Charge, INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Shower rose (evolving type) (150mm) each 2 269.00 538.00  1.14 Tower laid (600mm long x 20mm dia) each 2 269.00 538.00  1.500.00  1.5			and shade with 6 mm thick hard board backing			,	
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.  76.2 110 mm dia pipe.  76.2 170 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.6 Nahani trap 110x75mm each 2 90.50 181.00  78.6 19.4 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 testing of pipes & fittings with one step CPVC solvent cement and testing of pipes & fittings with one step CPVC solvent cement and testing of pipes. metre 33 110.00 3,630.00  4.1 15 mm nominal outer dia. Pipes. metre 33 110.00 3,630.00  4.1 25 mm nominal outer dia. Pipes. metre 20 199.00 3,980.00  19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 3 398.00 1,194.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Shower rose (revolving type) (150mm) each 2 65.00 538.00  14.7 Angle valve for basin mixer and geyser points (450 grams) each 3 382.00 1,910.00  2 30 7.30 0.730 0		30.1	5mm thick mirror				
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.  76.2 110 mm dia pipe.  76.2 110 mm dia pipe.  Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.5 VPP' trap 110mmx110mm long each 2 90.50 181.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings for fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  4.1 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Shower cose (concealed) (600 grams) each 3 3494.00 1,482.00  14.1 Angle valve for basin mixer and geyser points (450 grams) each 5 382.00 1,910.00  1.6 Towel rail (600mm long x 20mm dia) each 2 299.00 538.00  7 30 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7 30 - 730 - 730.00	34	18.76	Providing and fixing on wall face or under floor LN/ stabilized	sqm	2	2016.00	4,032.00
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.  76.2 110 mm dia pipe.  76.2 110 mm dia pipe.  76.2 110 mm dia pipe.  77.5 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.5 VPV trap 110mmx110mm long each 2 227.00 454.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  77.6 Tryiding and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings lic fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  7 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  11.1 Bib cock (400 grams) each 3 398.00 1,528.00  11.4 Piller Cock (400 grams) each 3 398.00 1,191.00  11.4 Angle valve for basin mixer and geyser points (450 grams) each 3 382.00 1,910.00  1.1 Towel rail (600mm long x 20mm dia) each 2 269.00 538.00  7 30 19.4 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7 30 7 300.00	İ		Unplasticised Rigid PVC pipes (single socketed) basing 3.2				
couplers, jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion etc complete.  76.2 110 mm dia pipe.  18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.5 Nahani trap 110x75mm each 2 227.00 454.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  19.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings ic fixing the pipe with clamps at 1.00 m spacing.  This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  7.19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Slop cock (concealed) (600 grams) each 3 494.00 1,482.00  14.15 Shower rose (revolving type) (150mm) each 5 269.00 538.00  1.6 Towel rail (600mm long x 20mm dia) each 2 269.00 538.00  7.10 Towel rail (600mm long x 20mm dia) each 2 338.00 676.00			thickness conforming to IS : 13592 (Akalagem) including sequent			1	
tor thermal expansion etc complete.  76.2 110 mm dia pipe. Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.5 VPV trap 110mmx110mm long each 2 227.00 454.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  36 19.4 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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia. Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia. Pipes. metre 20 199.00 3,980.00  37 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Slop cock (concealed) (600 grams) each 3 494.00 1,482.00  14.15 Shower rose (revolving type) (150mm) each 2 269.00 538.00  1.6 Towel rail (600mm long x 20mm dia) each 2 388.00 676.00  38 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7.30 7.300.00			Couplers, jointing with seal ring conforming to IS : E222 Joseph 10				
76.2   110 mm dia pipe.   metre   23   267.00   6,141.00			for thermal expansion etc complete				
18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.5 VPV trap 110mmx110mmx110mm long each 2 227.00 454.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  36 19.4 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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia. Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia. Pipes. metre 20 199.00 3,980.00  77 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Shower rose (revolving type) (150mm) each 2 269.00 538.00  1.16 Towel rail (600mm long x 20mm dia) each 2 338.00 676.00  38 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7.30 7.300 7.		76.2					
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.  77.5 VPV trap 110mmx110mm long each 2 227.00 454.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  80 19.4 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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia. Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia. Pipes. metre 20 199.00 3,980.00  7 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams)  14.4 Piller Cock (400 grams)  14.5 Stop cock (concealed) (600 grams)  14.7 Angle valve for basin mixer and geyser points (450 grams)  28.6 Stop cock (concealed) (600 grams)  29.50 150 110.00  20.7 30.0	35	18.77		metre	23	267.00	6,141.00
PVC pipes conforming to IS: 13592 (heavy) jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.  77.5 1/PV trap 110mmx110mm long each 2 227.00 454.00  77.6 Nahani trap 110x75mm each 2 90.50 181.00  8 19.4 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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  37 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Stop cock (concealed) (600 grams) each 3 398.00 1,194.00  14.7 Angle valve for basin mixer and geyser points (450 grams) each 5 382.00 1,910.00  4.15 Shower rose (revolving type) (150mm) each 2 269.00 538.00  38 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7.30 7.300.00			moulded fittings/ accessories having 3.2mm wall thickness for Divid				
17.5   1/Pl* tap 110mmx110mm long   each   2   227.00   454.00			PVC pipes conforming to IS: 13592 (heavy) jointing with sool ring				
77.5 VPI' trap 110mmx110mm long  77.6 Nahani trap 110x75mm  8 each  9 90.50 181.00  8 reach  19.4 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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes.  9 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams)  14.4 Piller Cock (400 grams)  14.5 Stop cock (concealed) (600 grams)  14.7 Angle valve for basin mixer and geyser points (450 grams)  2 227.00 454.00  454.00  1 454.00  1 455.00  1 40.00  1 4			conforming to IS: 5382 leaving 10 mm gan for thermal expansion				
77.6 Nahani trap 110x75mm each 2 90.50 181.00  19.4 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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Stop cock (concealed) (600 grams) each 3 494.00 1,482.00  14.7 Angle valve for basin mixer and geyser points (450 grams) each 5 382.00 1,910.00  4.15 Shower rose (revolving type) (150mm) each 2 269.00 538.00  18.19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00  7 30 7 300.00		77.5	\"P\" trap 110mmx110mm long	oooh			
19.4   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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.5 Stop cock (concealed) (600 grams) each 3 398.00 1,194.00  14.7 Angle valve for basin mixer and geyser points (450 grams) each 5 382.00 1,910.00  4.15 Shower rose (revolving type) (150mm) each 2 269.00 538.00  16 Towel rail (600mm long x 20mm dia) each 2 338.00 676.00  38 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7.30 7.300.00		77.6					
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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  The 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:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.6 Stop cock (concealed) (600 grams) each 3 494.00 1,482.00  14.7 Angle valve for basin mixer and geyser points (450 grams) each 5 382.00 1,910.00  4.15 Shower rose (revolving type) (150mm) each 2 269.00 538.00  1.6 Towel rail (600mm long x 20mm dia) each 2 338.00 676.00  7.30 7.300.00  7.30 7.300.00  7.30 7.300.00	36	19.4		eacii	4	90.50	181.00
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 testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes.  4.3 25 mm nominal outer dia .Pipes.  7 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  8 14.1 Bib cock (400 grams)  8 14.4 Piller Cock (400 grams)  9 20 199.00  1 3,880.00  1 1,528.00  1 4.1.5 Stop cock (concealed) (600 grams)  1 4.1 Angle valve for basin mixer and geyser points (450 grams)  1 4.15 Shower rose (revolving type) (150mm)  1 5 26.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00  1 7 30.00			thermal stability for hot & cold water supply including all CPVC plain. &				
This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL  4.1 15 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  4.3 25 mm nominal outer dia .Pipes. metre 20 199.00 3,980.00  37 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.6 Stop cock (concealed) (600 grams) each 3 494.00 1,482.00  14.7 Angle valve for basin mixer and geyser points (450 grams) each 5 382.00 1,910.00  4.15 Shower rose (revolving type) (150mm) each 2 269.00 538.00  38 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7.30 7.300.00			brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing	1			
Charge. INTERNAL WORK - EXPOSED ON WALL			This includes jointing of pipes & fittings with one step CPVC solvent				
Charge. INTERNAL WORK - EXPOSED ON WALL   4.1   15 mm nominal outer dia .Pipes.   metre   33   110.00   3,630.00			cement and testing of joints complete as per direction of Engineer in				
4.3 25 mm nominal outer dia .Pipes. metre 33 110.00 3,630.00  37 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:  14.1 Bib cock (400 grams) each 4 382.00 1,528.00  14.4 Piller Cock (400 grams) each 3 398.00 1,194.00  14.6 Stop cock (concealed) (600 grams) each 3 398.00 1,194.00  14.7 Angle valve for basin mixer and geyser points (450 grams) each 5 382.00 1,910.00  4.15 Shower rose (revolving type) (150mm) each 2 269.00 538.00  38 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7.30 7.30 00			Charge. INTERNAL WORK - EXPOSED ON WALL				
4.3   25 mm nominal outer dia .Pipes.   metre   20   199.00   3,980.00		4.1	15 mm nominal outer dia .Pipes.	metre	33	110.00	2 000 00
19.14   Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:    14.1   Bib cock (400 grams)   each   4   382.00   1,528.00     14.4   Piller Cock (400 grams)   each   3   398.00   1,194.00     14.6   Stop cock (concealed) (600 grams)   each   3   494.00   1,482.00     14.7   Angle valve for basin mixer and geyser points (450 grams)   each   5   382.00   1,910.00     4.15   Shower rose (revolving type) (150mm)   each   2   269.00   538.00     38   19.42   Providing and placing on terrace (at all floor levels) polyethylene water   1000.00   7 30   7 300.00		4.3	25 mm nominal outer dia .Pipes.				
make and conforming to IS:8931 including C.P. brass extension if required:         a	37	19.14	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved			199.00	3,980.00
14.1       Bib cock (400 grams)       each       4       382.00       1,528.00         14.4       Piller Cock (400 grams)       each       3       398.00       1,194.00         14.6       Stop cock (concealed) (600 grams)       each       3       494.00       1,482.00         14.7       Angle valve for basin mixer and geyser points (450 grams)       each       5       382.00       1,910.00         4.15       Shower rose (revolving type) (150mm)       each       2       269.00       538.00         16       Towel rail (600mm long x 20mm dia)       each       2       338.00       676.00         38       19.42       Providing and placing on terrace (at all floor levels) polyethylene water       1000.00       7.30       7.300.00							
14.4       Piller Cock (400 grams)       each       4       382.00       1,528.00         14.6       Stop cock (concealed) (600 grams)       each       3       398.00       1,194.00         14.7       Angle valve for basin mixer and geyser points (450 grams)       each       3       382.00       1,910.00         4.15       Shower rose (revolving type) (150mm)       each       2       269.00       538.00         38       19.42       Providing and placing on terrace (at all floor levels) polyethylene water       1000.00       7.30       7.300.00			required:				
14.4       Piller Cock (400 grams)       each       3 398.00       1,328.00         14.6       Stop cock (concealed) (600 grams)       each       3 494.00       1,482.00         14.7       Angle valve for basin mixer and geyser points (450 grams)       each       5 382.00       1,910.00         4.15       Shower rose (revolving type) (150mm)       each       2 269.00       538.00         .16       Towel rail (600mm long x 20mm dia)       each       2 338.00       676.00         38       19.42       Providing and placing on terrace (at all floor levels) polyethylene water       1000.00       7.30       7.300.00				each	4	382.00	1 529 00
14.6       Stop cock (concealed) (600 grams)       each       3 494.00       1,482.00         14.7       Angle valve for basin mixer and geyser points (450 grams)       each       5 382.00       1,910.00         4.15       Shower rose (revolving type) (150mm)       each       2 269.00       538.00         16       Towel rail (600mm long x 20mm dia)       each       2 338.00       676.00         38       19.42       Providing and placing on terrace (at all floor levels) polyethylene water       1000.00       7.30       7.300.00		14.4			3		
14.7       Angle valve for basin mixer and geyser points (450 grams)       each       5       382.00       1,910.00         4.15       Shower rose (revolving type) (150mm)       each       2       269.00       538.00         .16       Towel rail (600mm long x 20mm dia)       each       2       338.00       676.00         38       19.42       Providing and placing on terrace (at all floor levels) polyethylene water       1000.00       7.30       7.300.00		-			3		
4.15       Shower rose (revolving type) (150mm)       each       2       269.00       538.00         16       Towel rail (600mm long x 20mm dia)       each       2       338.00       676.00         38       19.42       Providing and placing on terrace (at all floor levels) polyethylene water       1000.00       7.30       7.300.00		14.7			5		·
38 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7.30 7.300.00					2		
38 19.42 Providing and placing on terrace (at all floor levels) polyethylene water 1000.00 7.30 7.30 0.00		_			2		
storage tank ISI: 12701 marked with cover and suitable locking	38	19.42	Providing and placing on terrace (at all floor levels) polyethylene water		1000.00		
			storage tank ISI: 12701 marked with cover and suitable locking				1,500.00

2	REF	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	por	arrangement and making necessary holes for inlet, outlet and overflow				
/	A STATE OF THE PARTY OF THE PAR	pipes but without fittings and the base support for tank				
39	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.				
	1.5	1:11/2:3 (1 cement: 11/2 coarse sand : 3 graded stone aggregate 20mm	cum	6.3	4073.00	25,659.90
		nominal size).				

As per Estimate Amount Rs.

822877.60

Add Electrification (+)
177130.00
1000007.60
Seey Ds 10.00 laws

Nagar Palik Nigam Korba(C.G.)

A.E. Nagar palik Nigam korba(C.G.)