

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

फा.क./निर्माण /2019 /8317

सिस्टम टेन्डर नं. 50408
ई-निविदा आमंत्रण सूचना

कोरबा, दिनांक 07/03/2019

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत राक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्यों हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा (भवन) दिनांक 01.01.2015 एवं (विद्युत) दिनांक 01.01.2015 से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु ऑनलाईन ई-निविदा आमंत्रित की जाती है :-

क्र.	कार्य का नाम	प्राक्कलन राशि लाख में	धरोहर राशि रु में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	टी.पी.नगर जोन अंतर्गत इंदिरा स्टेडियम के समीप स्वीमिंग पुल का मरम्मत कार्य	9.24	7000/-	03 माह	वर्ग डी एवं प्रवर श्रेणी	29.03.2019 से


शर्त:-


- निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
- 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 विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
- इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, पूर्व में इस प्रकार के किये गये कार्यों की प्रमाणित सूची, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र/पैन नम्बर, **जी.एस.टी.** पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का **स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।**
- सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
- जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
- निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में वैध शपथपत्र देना अनिवार्य होगा।
- निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का **1 प्रतिशत उपकर** के रूप में प्रत्येक देयक से कटौती की जावेगी।
- ईट रो संबंधित निर्माण कार्यों में फ्लाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल सलग्न करना अनिवार्य होगा।
- निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से **15 दिवस** के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
- निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
- निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
- निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
- उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।

कार्यपालन अभियंता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		07.03.19	10.30	07.03.19	10.30	Release Tender
2		Bid Submission	07.03.19	10.30	28.03.19	17.30	
3	Tender Open		29.03.19	10.30	--	--	


**EXECUTIVE ENGINEER
KORBA (CG)
For, Commissioner Korba (C.G.)**



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

DETAILED ESTIMATE

Name of work:- maintenance of swimming pool near indira stadium at T.P. Nagar zone

Schedule of rates public works department[PWD BUILDING-01-01-2015]

S. N.	SOR Ref.	DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	16.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.								
	3	In cement mortar.	1	94.8	0.2	1.6	30.336	Cum	263.00	7978.368
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 lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of								
	1	In all types of soil	1	20.00	1.20	1.20	28.80			
						Total=	28.80	Cum	185.00	5328.00
3	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
			1	20.00	1.20	0.10	2.40			
			1	15.00	15.00	0.15	33.75			
						Total=	36.15	Cum	371.00	13411.65
4	3.1	Providing and laying nominal mix concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form								
	3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			1	10.00	10.00	0.10	10.00			
						Total=	10.00	Cum	2970.00	29700.00
5	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	4	Cement Mortar 1:6 (1 cement : 6 coarse								
			1	100.00	0.20	1.00	20.00			
			8	2.00	0.10	0.90	1.44			
			2	5.00	0.20	0.90	1.80			
						Total=	23.24	Cum	3263.00	75832.12

		Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 15 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45degree angle on either side forming styles; and 5mm thick, 95mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat 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. 10mm (5mm x 2) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7mm (5mm+2mm) thick x 15mm wide PVC sheet beading on inner side, and joined together	2	0.80	2.10		3.36	sqm	2832.00	9515.52
7	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.								
	5	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			2	10.00	5.00	0.10	10.00			
						Total=	10.00	Cum	4073.00	40730.00
8	11.2	Providing and making 12mm thick cement plaster of mix:								
	3	In Cement Mortar 1:5 (1 cement : 5 fine sand)								
			1	100		1.00	100.00			
			8	2		0.9	14.40			
			2	5		0.90	9.00			
			2	23		3.30	151.80			
			2	5		3.30	33.00			
			2	6		3.30	39.60			
			2	35		1.80	126.00			
			2	28		1.50	84.00			
							557.80	Sqm	96.50	53827.70
9	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)	1	100		1.00	100.00			
			8	2		0.9	14.40			
			2	5		0.90	9.00			
							123.40	Sqm	113.00	13944.20
10	16.37	Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead.								
			15	0.9	0.6		8.10			
			13	0.6	0.6		4.68			
			29	0.9	1.5		39.15			
			14	12.5	0.9		157.50			
			7	2.5	2.5		43.75			
			8	1.6	1.9		24.32			
			17	1.5	2.5		63.75			
						Total=	341.25	sqm	11.00	3753.75
11	17.1	Repairs to plaster in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls with cement mortar 1:4 (1 cement : 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lead :								
			15	0.9	0.6		8.10			
			13	0.6	0.6		4.68			
			19	0.9	1.5		25.65			
			7	12.5	0.9		78.75			
			7	2.5	2.5		43.75			
			8	1.6	1.9		24.32			
			12	1.5	2.5		45.00			
			25	0.9	1.60		36.00			
			16	0.3	0.3		1.44			
			29	0.5	0.5		7.25			
						Total=	274.94	sqm	132.00	36292.08
12	14.45	Removing dry or oil bound distemper by scraping sand papering and preparing the surfaces smooth including necessary repair to scratches etc. complete.								
			5	7.2		3.30	118.80			
			5	5.8		3.30	95.70			
			2	22.9		3.30	151.14			
			2	14.9		3.30	98.34			
			4	22.9		3.30	302.28			
			4	14.9		3.60	214.56			
			7x4	0.3		3.00	25.20			
			2	30		3.80	228.00			
						Total=	1234.02	sqm	5.20	6416.90
13	14.23	Painting on old work (one or more coats) to give an even shade with:								
		1 Satin synthetic enamel paint	18x2	0.9		1.20	38.88			
			9x2	0.9		2.10	34.02			
			5	22.5		0.90	101.25			

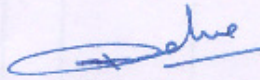
					Total=	174.15 sqm	35.00	6095.25
13	12.7	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Dura wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.				460 sqm	94.50	43470.00
15	12.7	Providing and 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.						
	2	Size above 200x300mm						
			1	50.00	0.60	30.00		
					Total	30.00 sqm	587.00	17610.00
16	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.						
		Size 300x300mm	8	1.80	1.80	25.92		
						25.92 sqm	692.00	17936.64
17	12.37	Chequerred precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand)						
		Light shade using white cement	1	70.00	1.00	70.00		
					total=	70.00 sqm	640.00	44800.00
18	16.36	Dismantling terrazzo or mosaic or glazed vitreous or patent cement or tiled flooring or dado skirting of any thickness without sub base.				70.00 sqm	22.50	1575.00
19	14.9	Distemping with acrylic washable distemper to give an even shade.						
	1	On new work (Two or more coats)	15	0.9	0.6	8.10		
			13	0.6	0.6	4.68		
			29	0.3	0.3	2.61		
			14	12.5	0.9	157.50		
			7	1.8	0.45	5.67		
			8	1.6	0.6	7.68		
			17	0.9	0.45	6.89		
			1	260	1.8	468.00		
					Total=	661.13 sqm	38.00	25122.75
	2	On old work (one or more coats)	5	7.8	3.30	128.70		
			1	22.8	3.00	68.40		
			1	17.0	3.30	56.10		

			5	6.4		3.30	105.60				
			6	2.9		3.00	52.20				
			4	22.8		3.90	355.68				
			2	30		3.80	228.00				
			2	150		3.30	990.00				
							Total=	1984.68	sqm	17.50	34731.90
20	14.14	Finishing walls with water proofing cement paint of required shade to give an even shade.									
	1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)									
			15	0.9	0.6		8.10				
			13	0.6	0.6		4.68				
			29	0.3	0.3		2.61				
			14	12.5	0.9		157.50				
			7	1.8	0.45		5.67				
			8	1.6	0.6		7.68				
			1	150	2.1		315.00				
							Total=	501.24	sqm	41.00	20550.84
	2	On old work (one or more coats applied @ 2.20 kg/10 sqm)									
			5	7.8		3.30	128.70				
			1	22.8		3.00	68.40				
			1	17.0		3.30	56.10				
			5	6.4		3.30	105.60				
			6	2.9		3.00	52.20				
			4	22.8		3.90	355.68				
			4	15.9		3.60	228.96				
			2	30		3.80	228.00				
							Total=	1223.64	sqm	25.50	31202.82
											TOTAL = 539825.49

TOTAL = 539825.49

Say Rs.= 539825.49


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


Sub Engineer
Municipal Corporation
Korba (C.G.)

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

DETAILED ESTIMATE


Internal Electrification and Maintenance of swimming pool at T.P. Nagar zone


As per SOR: Schedule of rates public works department [PWD ELECTRICAL-01-07-2015] **PART- C**

S.N.	SO R Ref.	ITEM DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	4.1	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in surface PVC conduit, with 5 amp piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with same size cable etc as required.								
	1	Short Point	5				7	Point	213.00	1491.00
	2	Medium Point	3				3	Point	356.00	1068.00
	3	Long Point	4				4	Point	506.00	2024.00
2	4.3	Extra for providing and fixing light plug point on board in surface PVC conduit point wiring with piano type 3 pin 5 amp socket outlet and 5 amp switch including cost of phenolic laminated sheet and M.S. box etc. as required. etc. as required.	4				4.00	Point	95.00	380.00
3	4.5	Wiring for power plug point with 2x4 sq mm FR PVC insulated stranded copper conductor cable in surface PVC conduit along with piano type 16 amp switch and 6 pin 16 amps socket outlet with suitable size M.S. box, phenolic laminated sheet, earthing the switch box and socket outlet with same size cable etc. as								
	2	Medium Point	4				4.00	Point	781.00	3124.00
	3	Long Point	2				2.00	Point	1163.00	2326.00
4	4.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface PVC conduit etc as required.								
	4.13.	3 X 1.5 sq. mm in 20mm conduit	1	80.00			80.00	Metre	74.00	5920.00
	4.13.	3 X 2.5 sq. mm in 20mm conduit	1	32.00			32.00	Metre	95.00	3040.00
	4.13.	3 X 4 sq. mm in 25mm conduit	1	35.00			35.00	Metre	130.00	4550.00
5	8.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required.								
	3	1400 mm sweep	12				12	Each	1637.00	19644.00
6	8.11	Supplying, installation, testing and commissioning of following T-5 fluorescent fitting (luminaries) complete with electronic ballast but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as								

S.N.	SO	ITEM DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
		Single box type with decorative end caps	30				30.00	Each	635.00	19050.00
7	8.12	Supplying, fixing, testing and commissioning of following 230/250 volts fluorescent lamp (tube) in existing lighting luminaries as required.								
	2	4' x 28 watt (T-5)	30				30.00	Each	143.00	4290.00
8	8.22	Supplying, fixing, testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder/ luminaries as required and furnishing 2 Yrs Guarantee certificate from								
	8.22. 9 Watt		10				10.00	Each	973.00	9730.00
	8.22. 12 Watt		5				5.00	Each	1420.00	7100.00
	8.22. 15 Watt		5				5.00	Each	1804.00	9020.00
9	6.2	Supplying and fixing of following sizes wooden switch box made of wooden plank side wall and base including 3mm thick phenolic laminated sheet cover on surface complete as								
	6.2.1	100mmX100mm	8				8.00	Each	55.00	440.00
	6.2.2	150mmX75mm	5				5.00	Each	58.00	290.00
	6.2.3	150mmX150mm	10				10.00	Each	76.50	765.00
	6.2.4	180mmX100mm	4				4.00	Each	69.50	278.00
	6.2.5	200mmX150mm	3				3.00	Each	88.50	265.50
	6.2.6	250mmX200mm	3				3.00	Each	94.50	283.50
10	7.1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including								
	7.1.1	Fan regulator Electronic, step type moving all round	12				12.00	Each	178.00	2136.00
	7.1.1	Ceiling rose 3 pin 5 amps	30				30.00	Each	28.00	840.00
	7.1.1	Batten/ angle holder	20				20.00	Each	37.50	750.00
11	11.17	Supplying and fixing TP&N MCB, 440 volts, 'D' curve, suitable for inductive/ motor load in the existing MCB DB complete with connections, testing and commissioning etc. as required								
	11.17	6 amps to 32 amps	9				9.00	Each	960.00	8640.00
	34.2.	4.0 sq. mm three core	25				25.00	m	86.00	2150.00
12	35	Providing of metal clad, TP&N switch fuse unit (re-wirable), 415/500 volts, with porcelain re-wirable fuses as required.								
	1	32 amps	1				1.00	Each	749.00	749.00
13	14.18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	50				50.00	Metre	37.50	1875.00

S.N.	SO R	ITEM DESCRIPTION	NO	L	B	D/H	QTY	UNIT	RATE	AMOUNT
14	26.3	Supplying, installation, testing and commissioning of submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity, head, delivery size in existing bore well including 2 sets of suitable size holding clamps made out of 50 mm X 6 mm MS flat, connection with suitable submersible cable of standard length								
	2	1.5 HP, single phase	1				1.00	each	17633.00	17633.00
15	26.6	Supplying and fixing following dia HDPE pipe PE-80 Grade (8kg/sqcm) in single length in the suction/ delivery line of water supply pump etc. as required.								
	1	32 mm outer dia	1	50			50.00	m	62.50	3125.00
16	26.11	Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as required. a) Phase indicating lamps with fuses and toggle switches 1 set b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No c) 25 A "C" curve DPMCB 1 No d) Voltmeter 0-250 V 1 set e) Ammeter 0-10 A 1 set	1				1.00	each	4125.00	4125.00
17	17.1	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.								
		4 x 10 sq. mm.	1				100.00	m	278.00	27800.00
TOTAL =									164902.00	


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 Korba (C.G.)


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PART - E - SANITAION WORK


18.76	Providing and fixing on wall face 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.								
1	75 mm dia pipe.	1	35.00			35.00	metre	182.00	6370.00
2	110 mm dia pipe.	1	35.00			35.00	metre	267.00	9345.00
2	18.5 Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan including cutting and making good the walls and floors wherever required:								
1	Coloured pedestal type	2	1			2	each	1695.00	3390.00
	18.8 Providing and fixing vitreous china 10 litre (full flush) capacity controlled flush low level cistern with all fittings complete.								
	White					6	each	1334.00	8004.00
3	18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :					1	each	2899.00	2899.00
	1 White Size 550x450 mm								
4	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.								
1	Tee/ Tee with door/ Bend 45°/ Bend 90°								
1	75 mm					30.00	each	113.00	3390.00
2	110 mm					30.00	each	154.00	4620.00
3	Vent covel								
1	110 mm					30.00	each	44.00	1320.00
6	Nahani trap 110x75mm					45.00	each	90.50	4072.50

78	Providing and fixing UV stabilized unplasticised -PVC pipe clips of approved design to Rigid PVC pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.								
	110 mm	1	20			20.00	each	61.00	1220.00
7	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.							
	1	15 mm nominal outer dia .Pipes.				100.00	metre	110.00	11000.00
	3	25 mm nominal outer dia .Pipes.				50.00	metre	199.00	9950.00
	4	32 mm nominal outer dia .Pipes.				50.00	metre	271.00	13550.00
6	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:							
	1	Bib cock (400 grams)				20.00	each	382.00	7640.00
	16	Towel rail (600mm long x 20mm dia)				12.00	each	338.00	4056.00
	15	Shower rose (revolving type) (150mm)				20.00	each	269.00	5380.00
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:							
	6	Stop cock (concealed) (600 grams)				15.00	each	494.00	7410.00
	4	Pillar Cock (400 grams)				2.00	each	398.00	796.00
	20	CP brass water jet to be fixed in seat cover of WC with flexible connection pipe				2.00	each	577.00	1154.00
8	19.15	Providing and fixing stainless steel drain jali of approved make/quality.				20.00	each	51.00	1020.00
9	19.16	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):							
	1	25 mm nominal bore				3.00	each	436.00	1308.00
	2	32 mm nominal bore.				3.00	each	510.00	1530.00

		Constructing masonry Chamber 60x60x75 inside with modular well burnt clay bricks of 35 kg/ cm ² 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 floating coat of neat cement complete as per standard design :					1.00	each	4356.00	4356.00
11	19.42	Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.					1000.00	litre	7.30	7300.00
12	19.7	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :								
	2	20 mm nominal bore					2.00	each	394.00	788.00
13	19.43	Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the same :					10.00	each	125.00	1250.00
14	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:					6.00	each	1776.00	10656.00

Say Rs.= 133774.50


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