

SANITARY AND PLUMBING WORKS FOR LCS BUILDING AT FULBARI, JALPAIGURI

Sl No.	Description of item	Total Qty	Unit	Rate	Amount
1	<p>Supplying,fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required,jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials.)</p> <p>(A)exposed work</p> <p>(a) (ii) 25 mm dia. medium quality</p> <p>(b) (ii) 32 mm dia. medium quality</p> <p>(b) (iii) 40 mm dia. medium quality</p> <p>(B) concealed work</p> <p>(b) (ii) 15 mm dia. medium quality</p> <p>(b) (ii) 20 mm dia. medium quality</p>	<p>70</p> <p>70</p> <p>110</p> <p>90</p> <p>80</p>	<p>mtr</p> <p>mtr</p> <p>mtr</p> <p>mtr</p> <p>mtr</p>	<p>300.0</p> <p>343.0</p> <p>399.0</p> <p>224.0</p> <p>246.0</p>	<p>21000.0</p> <p>24010.0</p> <p>43890.0</p> <p>20160.0</p> <p>19680.0</p>
2	<p>Supplying,fitting and fixing in position G.I.pipes of TATA make for underground works with all necessary accessories,specials viz.socket,bend, tee,union,cross,elbow,nipple,short pieceetc.including cost of all materials,jointing materials ,cutting pipes,making threads,cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials No separate payment will be made for accessories , specials.)</p> <p>(iv) 32 mm dia. medium quality</p>	<p>5</p>	<p>mtr</p>	<p>342.0</p>	<p>1710.0</p>
3	<p>Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 35 kg per sq. cm. (for water lines only).</p> <p>(vi) 32 mm</p>	<p>4</p>	<p>each</p>	<p>1437.0</p>	<p>5748.0</p>
4	<p>Supplying, fitting and fixing C.P. bib cock/ stop cock .</p> <p>(A) Chromium plated bib cock short body (Equivalent to code no. 511& model-Tropical/sumthing special of ESSCO or similar brand</p> <p>(i) 15 mm</p> <p>(B) Chromium plated concealed stop cock (Equivalent to code no. 514(A) & model-Tropical/sumthing special of ESSCO or similar brand)</p> <p>(i) 15 mm</p> <p>(C)Chromium plated bib cock long body with wall flange (Equivalent to code no. 512 & model-Tropical/sumthing special of ESSCO or similar brand)</p> <p>(i) 15 mm</p>	<p>10</p> <p>36</p> <p>10</p>	<p>each</p> <p>each</p> <p>each</p>	<p>511.0</p> <p>785.0</p> <p>648.0</p>	<p>5110.0</p> <p>28260.0</p> <p>6480.0</p>
5	<p>Supplying, fitting and fixing shower rose of approved brand and make.</p> <p>(a) Chromium plated round shower with revolving joint (Equivalent to code no. 541(N) & model-Tropical/sumthing special of ESSCO or similar brand)</p> <p>(i) 15 mm X 125 mm</p>	<p>8</p>	<p>each</p>	<p>446.0</p>	<p>3568.0</p>

SI No.	Description of item	Total Qty	Unit	Rate	Amount
6	Supplying,fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. (i) 450 mm X 300 mm size	8	each	1734.0	13872.0
7	Supplying plastic water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity	4	each	5991.0	23964.0
8	E.W.C. in white glazed vitreous chinaware of approved make supplied, fitted and fixed complete in position with necessary bolts,nuts etc. (a) With 'P' trap	8	each	1279.0	10232.0
9	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.	8	each	1129.0	9032.0
10	Flat back urinal (half stall urinal) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete. (i) 465 mm X 355 mm X 265mm	8	each	766.0	6128.0
11	Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws supplied, fitted and fixed complete. Plastic (hollow type) white	8	each	379.0	3032.0
12	Supplying,fitting and fixing urinal flush pipe fittings of approved brand. (a) C.P. urinal flush pipe fittings range of one	8	each	448.0	3584.0
13	Supplying of UPVC pipes (B Type) & fittings conforming to IS : 13592 Double socket 3meter length (ii) 110 mm dia.	40	mtr	328.0	13120.0
	(iii) 75 mm dia.	44.8	mtr	221.0	9900.8
14	Supplying of UPVC pipes (B Type) & fittings conforming to IS : 13592 i) Bend 87.5° a) 110 mm dia. b) 75 mm dia	10 10	each each	126.0 64.0	1260.0 640.0
	ii) Plain floor trap with tile & strainer 75mm dia.	8	each	152.0	1216.0

SI	Description of item	Total	Unit	Rate	Amount
----	---------------------	-------	------	------	--------

No.			Qty			
15		Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials paints etc. fitting and fixing all necessary specials, cutting pipes, making threads, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps(any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials.)				
		Above ground level				
		110mm dia.	30	mtr	38.0	1140.0
		75mm dia.	35	mtr	30.0	1050.0
16		Supplying,fitting and fixing with cement jointing (3:1) salt glazed stoneware pipe including excavation of earth upto 1.50 metre depth in all sorts of soil both mixed or unmixed and refilling (but excluding concreting at bottom and sides).				
		(iii) 150 mm	80	each	300.0	24000.0
17		Supplying,fitting and fixing approved brand P.V.C.CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia.				
		(ii) 450 mm long	20	each	56.0	1120.0
18		Supplying, fitting and fixing 25 mm thick marble partition slab with chawk doongri marbel square cut,both sides polished with two front corners rounded and edges polished.				
			8	sqm	2753.0	22024.0
19		Supplying,fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges.				
		(ii) 600 mm X 450 mm	8	each	441.0	3528.0
20		Supplying, fitting and fixing Squating plate with integral flushing in white vitreous chinaware of approved make in cement concrete (6:3:1) with jhama chips complete.				
			4	each	1049.0	4196.0
21		Supplying,fitting and fixing glass shelf with aluminium guard rails.				
		(a) Ordinary type with 5.5 mm sheet glass				
		(ii) 600 mm X 125 mm	8	each	370.0	2960.0
22		Supplying, fitting and fixing towel rail with two brackets.				
		(a) C.P. over brass				
		(ii) 25 mm dia. and 600 mm long	8	each	339.0	2712.0
23		Cement concrete with 30 mm down graded shingles excluding shuttering	20	cum	3072.3	61445.0
		N.B. Variety				
		In ground floor (a) 1: 3: 6				

Sl No.	Description of item	Total Qty	Unit	Rate	Amount
--------	---------------------	-----------	------	------	--------

Supplying, fitting and fixing 1 st quality ceramic tiles in walls and floors to match with the existing work & 4 nos of key stones (10 mm) fixed with araldite at the back of each tile & finishing joints with cement mixed with colouring oxide of required to match color of tiles including roughfening of concrete surface, if necessary or by synthetic adhesive grout materials etc.

(B) Wall

with sand cement mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement 2.91 kg/sqm & joint filling using white cement slurry @0.20 kg/sqm (area of each tiles upto 0.09 sqm) other than colored decorative including white

Ground Floor

128

cum

668.49

85566.7

First floor

92.41

cum

673.49

62237.2

C. Floor

with polymerised adhesive & epoxy grout pointing including spacer - 2 mm (when tiles are laid over existing hard ready surface

(b) area of each tile above 0.09 sqm (using Adhesive 4.5 mm thick)

(ii) other than color decorative inxcluding white

Ground Floor

44

cum

827.36

36403.8

First floor

32

cum

832.36

26635.5

25

Constructing Inspection pit of inside measurement 600 x 600 mm x upto 600 mm. (depth) with 250 mm. thick 1st class brick work in cement mortar (4:1) on all sides, bottom of the pit consisting of 100 mm. thick cement concrete (6:3:1) with jhama khoa over a layer of jhama brick flat soling, 15 mm. thick (4:1) cement plaster to inside walls and outside walls upto G.L. and 20 mm. thick (4:1) plaster to bottom of the pit, providing necessary invert with cement concrete (6:3:1) with jhama chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm. thick R.C.C. Slab (3:1.5:1) with stone chips and necessary reinforcements upto 1% and shuttering including 10mm. thick cement plaster (4:1) in all external surfaces of the slab and one 560 mm. dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earth work in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect

6

each

5420.5

32523.0

26

Construction of Septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (4:1) including two 560 mm. dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the 100mm thick R.C.C. (3:1.5:1) top slab with necessary fittings, 20 mm. thick cement plaster (4:1) with neat cement finish to the internal surfaces and 15 mm. thick cement plaster (4:1) to outside wall upto 200 mm. below G.L. floor finished with 25 mm. thick grey artificial stone over 100mm thick R.C.C. (3:1.5:1) bottom slab including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavation earth in all sorts of soil, shoring, bailing and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of E-in C.

For 50 users

1

each

68173.18

68173.2

27	Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (4:1) band all round and cement brick work (4:1) upto 0.90 metre from top with 20 mm thick cement plastering (4:1) to inside face upto the depth of cement brick work, 15 mm thick cement plaster (4:1) on outer face from top of the well upto G.L. and 10 mm thick cement plaster (4:1) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of the well with jhama metal (50 mm to 63 mm size) including R.C.C. cover slab 100mm thick of designed thickness with cement concrete (4:2:1) with stone chips with necessary reinforcement and shuttering including one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the cover slab with necessary fittings, making necessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials.	1	each	12259.54	12259.5
----	--	---	------	----------	---------

Say

RS. 7,23,570.20

Rs. 7,23,570.00

RUPEES SEVEN LAKH TWENTY THREE THOUSAND FIVE HUNDRED & SEVENTY ONLY

|

|

|

|