

Siliguri Municipal Corporation

Estimate for:

**CONSTRUCTION OF TOILET BLOCK (CT/PT) MODEL NO-F
TOILET SEAT - 2 NOS AND URINAL-3, SCHEDULE ITEMS.**

**Construction of Community Toilet at Jyotirmoy
colony, Uparpara ward no-32**

SL-

43

All Linear measurements are in metre

Item Number	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
PWD(WB)/BUILDING WORKS/Page-1/Item-2									
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing, spreading or stacking the spoils within a lead of 75m. as directed. The								
1.01	(a) Depth of excavation not exceeding 1.500 mm.								
		4	1.20	1.20	1.00	5.76 Cu.M			
		1	1.00	0.375	0.15	0.06 Cu.M			
		Total				5.82 Cu.M	11927.00	% Cu.M.	694.15
PWD(WB)/BUILDING WORKS/Page-1/Item-3									
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc.layer by layer complete .(payment to be made on the basis of measurement of finished quantity of work).								
2.01	(a) With earth obtained from excavation of foundation.								
		4	1.20	1.20	1.00	5.760 Cu.M			
		1	1.00	0.375	0.15	0.056 Cu.M			
		Total				5.82 Cu.M	7754.000	% Cu.M.	450.97
PWD(WB)/BUILDING WORKS/Page-2/Item-4A									
3	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm. as directed and consolidating same by thorough saturation with water ramming complete . Including the cost of supply of sand .(payment to be made on measurement of finished quantity).								
		1	4.850	2.825	0.325	4.453 Cu.M			
		Total				4.45 Cu.M	52107.000	% Cu.M.	2320.32
PWD(WB)/BUILDING WORKS/Page-14/Item-1									
4	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.								
		4	1.200	1.200		5.760 Sq.M			
		2	2.500	0.375		1.875 Sq.M			
		1	1.000	0.375		0.375 Sq.M			

Item Number	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
		1	4.850	2.825		13.701 Sq.M			
		Total				21.71 Sq.M	324.000	Sq.M.	7034.36
PWD(WB)/BUILDING WORKS/Page-26/Item-10									
5	Ordinary cement concrete (mix 1:1.5:3) with graded stone chips (20mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant								
5.01	(ii) River bazree.								
		4	1.200	1.200	0.150	0.864 Cu.M			
		4	0.725	0.725	0.200	0.421 Cu.M			
		4	0.250	0.250	3.250	0.813 Cu.M			
		4	4.600	0.250	0.250	4.000 Cu.M			
		3	2.325	0.250	0.250	0.436 Cu.M			
		2	2.325	0.250	0.150	0.174 Cu.M			
		1	5.150	3.125	0.125	2.012 Cu.M			
		Total				8.72 Cu.M	4745.000	Cu.M	41376.40
PWD(WB)/BUILDING WORKS/Page-23/Item-1									
6	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering. In ground floor and foundation.								
6.01	(a) 1:3:6 proportion.								
		4	1.200	1.200	0.100	0.576 Cu.M			
		2	2.500	0.375	0.100	0.188 Cu.M			
		4	1.500	1.000	0.100	0.600 Cu.M			
		1	4.850	2.825	0.125	1.713 Cu.M			
		Total				3.08 Cu.M	4298.000	Cum.	13224.95
PWD(WB)/BUILDING WORKS/Page-47/Item-1									
7	25mm. thick damp proof course with cement concrete with stone chips (1:1.5:3) [with graded stone aggregate 10 mm nominal size] and admixture of water proofing compound as per manufacturer's specification followed								
		2	4.850	0.250		2.425 Sq.M			
		3	2.825	0.250		2.119 Sq.M			
		Total				4.54 Sq.M	196.000	Sq.M.	890.62
PWD(WB)/BUILDING WORKS/Page-16/Item-16									
8	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.								
		5	1.200	3.500		21.000 Sq.M			
		3	1.000	3.500		10.500 Sq.M			
		Total				31.50 Sq.M	674.000	Sq.M.	21231.00
PWD(WB)/BUILDING WORKS/Page-47/Item-3									
9	Supplying and laying Polythene Sheet (150gm / sq.m.) overdamp proof course or below flooring or roof terracing or in foundation or in foundation trenches.								
		2	5.140	3.125		32.125 Sq.M			
		4	1.200	1.200		5.760 Sq.M			
		Total				37.89 Sq.M	24.000	Sq.M.	909.24

Item Number	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
PWD(WB)/BUILDING WORKS/Page-42/Item-36									
10	Hire and labour charge for shuttering with centreing and necessary staging up to 4 m. using approved stout props and thick hard wood planks of approved thick ness with								
10.01	(f) 25mm. To 30mm. Shuttering with out staging in foundation etc.								
		4	4.850	0.250		4.850 Sq.M			
		4	2.825	0.250		2.825 Sq.M			
		16	1.200	0.150		2.880 Sq.M			
		Total				10.56 Sq.M	205.000	Sq.M.	2163.78
PWD(WB)/BUILDING WORKS/Page-42/Item-36									
11	Hire and labour charge for shuttering with centreing and necessary staging up to 4 m. using approved stout props and thick hard wood planks of approved thick ness with required bracing for concrete slabs, beams, columns,								
11.01	(a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of the Engineer-in-charge. .								
		1	5.150	3.125		16.094 Sq.M			
		2	8.275	0.125		2.069 Sq.M			
		4	0.325	3.000		3.900 Sq.M			
		4	4.850	0.125		2.425 Sq.M			
		4	2.825	0.125		1.413 Sq.M			
		Total				25.90 Sq.M	328.000	Sq.M.	8495.53
PWD(WB)/BUILDING WORKS/Page-48/Item-6									
12	Artificial stone in floor, dado, staircase etc. with cement concrete (1:2:4) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners								
12.01	(ii) 25 mm. thick.								
		1	4.850	2.825		13.701 Sq.M			
		Total				13.70 Sq.M	270.000	Sq.M.	3699.27
PWD(WB)/BUILDING WORKS/Page-43/Item-40									
13	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and								
13.01	(a) For works in foundation, basement and up to roof of ground floor/up to 4m. Tor steel/Mild steel.								
13.02	SAIL/ TATA/RINL								
Volumetric percentage calculation of reinforcement									
Description					Volume of cc				
Total volume					8.72 cum				
Percentage of steel		1.500 %							
Weight of steel		7.85 MT/cum							

Item Number	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
	Reinforcement by volume of CC $(8.72.00 \times 1.5 \times 7.85) / 100$					1.03 MT			
	Total					1.03 MT	66502.000	M.T.	68497.06
	PWD(WB)/BUILDING WORKS/Page-106/Item-18								
14	Collapsible gate with 40 mm.X 40mm x 6 mm.Tee as top and bottom guide rail, 20 mm,X10 mm,X2 mm. vertical channels 100 mm. apart in fully stretched position 20								
		2	1.000	2.100		4.200 Sq.M			
	Total					4.20 Sq.M	4351.000	Sq.M.	18274.20
	PWD(WB)/BUILDING WORKS/Page-15/Item-7								
15	Brick work with 1st class bricks in cement mortar (1:4)								
15.01	In foundation and plinth								
		2	4.850	0.250	0.600	1.455 Cu.M			
		3	2.825	0.250	0.600	1.271 Cu.M			
		2	2.500	0.250	0.600	0.750 Cu.M			
		2	1.000	0.500	0.300	0.300 Cu.M			
	Total					3.78 Cu.M	5172.000	Cum.	19529.47
	PWD(WB)/BUILDING WORKS/Page-15/Item-7								
16	Brick work with 1st class bricks in cement mortar (1:4)								
16.01	In Super structure, ground floor.								
		2	4.850	0.250	3.000	7.275 Cu.M			
		3	2.825	0.250	3.000	6.356 Cu.M			
	Total					13.63 Cu.M	5395.000	Cum.	73539.25
	PWD(WB)/BUILDING WORKS/Page-189/Item-1								
17	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering conners as directed and raking out joints including throating, nosing								
17.01	(ii) With 1:4 cement mortar .								
17.02	(b) 15 mm. thick plaster.								
		2	7.675	3.750		57.563 Sq.M			
		2	7.675	3.500		53.725 Sq.M			
		2	2.325	3.500		16.275 Sq.M			
		4	1.600	3.500		22.400 Sq.M			
	Total					149.96 Sq.M	157.000	Sq.M.	23544.19
	PWD(WB)/BUILDING WORKS/Page-189/Item-1								
18	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering conners as directed and raking out joints including throating, nosing								
18.01	(ii) With 1:4 cement mortar .								
18.02	(c)10 mm. thick plaster.								
		1	4.850	2.850		13.823 Sq.M			
	Total					13.82 Sq.M	126.000	Sq.M.	1741.70
	PWD(WB)/BUILDING WORKS/Page-192/Item-15								

Item Number	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
19	Neat cement punning about 1.5mm thick in wall, dado, windowsill, floor etc.NOTE:Cement 0.152 cu.m per100 sq.m.								
		2	7.675	0.750		11.513 Sq.M			
	Total					11.51 Sq.M	34.000 Sq.M.		391.44
PWD(WB)/BUILDING WORKS/Page-115/Item-3									
20	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite doorframe as per approved section with glass fibre reinforced plastic moulded skinsand a special								
20.01	(i) 66mm x 90mm								
		2	4.950			9.900 M			
	Total					9.90 M	497.000 Mtr.		4920.30
PWD(WB)/BUILDING WORKS/Page-125/Item-14									
21	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite doorshutters as per approved design with glass fibre reinforced plastic moulded skinsand a special								
21.01	(ii) 25 mm thick								
		2	2.100	0.750		3.150 Sq.M			
	Total					3.15 Sq.M	2581.000 Sq.M.		8130.15
PWD(WB)/BUILDING WORKS/Page-144/Item-26									
22	Anodise aluminium barred/tower/socket bolt (full covered) of approved manufactured from extruded section conforming to I.S.204/74 fitted and Fixed with								
22.01	(vii) 225 mm long x 10 mm dia. bolt.								
		5				5.000 No.			
	Total					5.00 No.	84.000 Each		420.00
PWD(WB)/BUILDING WORKS/Page-140/Item-5									
23	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.								
23.01	(viii) 100 mm x 75mm x 3.50 mm.								
		15				15.000 No.			
	Total					15.00 No.	66.000 Each		990.00
PWD(WB)/BUILDING WORKS/Page-146/Item-31									
24	Anodised aluminium decorative handle (hexagonal / fluted) of approved quality fitted and fixed complete.								
24.01	(i) 150 mm plate x 10 mm. dia rod x 12 mm. hexagonal/fluted.								
		10				10.000 No.			
	Total					10.00 No.	87.000 Each		870.00
PWD(WB)/BUILDING WORKS/Page-141i/Item-10									


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Item Num	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
25	(i) Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fitting.								
25.01	(b) 250 mm long.								
		4				4.000 No.			
	Total					4.00	159.000	Each	636.00
PWD(WB)/BUILDING WORKS/Page-74/Item-46									
26	Supplying and laying chequered tiles of any shade & of approved quality with (1:1½:3) cement concrete laid in panels or patterns as directed in pavement, footpath etc. including necessary underlay 25 mm thick [avg] cement								
26.01	(i) 25 mm. thick								
		1	2.000	1.000		2.000 Sq.M			
		1	1.000	2.125		2.125 Sq.M			
	Total					4.13	467.000	Sq.M.	1926.38
PWD(WB)/BUILDING WORKS/Page-198a/Item-5									
27	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick)								
		2	7.675	3.750		57.563 Sq.M			
		2	7.675	3.000		46.050 Sq.M			
		2	2.325	3.000		13.950 Sq.M			
		4	1.600	3.000		19.200 Sq.M			
		1	4.850	2.850		13.823 Sq.M			
	Total					150.59	122.000	Sq.M.	18371.49
PWD(WB)/BUILDING WORKS/Page-195/Item-7									
28	Applying interior grade acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to received distemper /Acrylic emulsion paint								
28.01	(b) two coats.								
28.02	(i) water based interior grade Acrylic primer.								
		1	66.030	1.000		66.030 Sq.M			
	Total					66.03	4420.000	%sqm	2918.53
PWD(WB)/BUILDING WORKS/Page-196/Item-9									
29	Dry distempering to interior walls or ceiling, including cleaning washing smoothening surface.								
29.01	(b) Two coat.								
		1	66.030	1.000		66.030 Sq.M			
	Total					66.03	49.000	Sq.M.	3235.47
PWD(WB)/BUILDING WORKS/Page-196/Item-8									
30	Applying exterior grade Acrylic primer of approved quality and brand on plaster or concrete surface old or new surface to receive decorative textured (mat finish)								
30.01	(b) two coat.								
		1	57.700	1.000		57.700 Sq.M			

Num	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
	Total					57.70 Sq.M	4510.000	%sqm	2602.27
PWD(WB)/BUILDING WORKS/Page-197/Item-17									
31	Protective and decorative Acrylic exterior emulsion paint of approved quality , as per manufacture specification as per direction of EIC to be apply over Acrylic primer as required. the rate included cost of material , labour scaffoldic and all incidental charges but excluding the cost of primer.In ground floor (two coat).								
31.01	(a) Normal Acrylic emulaion.								
		1	57.700	1.000		57.700 Sq.M			
	Total					57.70 Sq.M	67.000	Sq.M.	3865.90
PWD(WB)/BUILDING WORKS/Page-200/Item-1a									
32	(a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.								
		1	5.640	1.000		5.640 Sq.M			
	Total					5.64 Sq.M	29.000	Sq.M.	163.56
PWD(WB)/BUILDING WORKS/Page-200/Item-2									
33	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand parpering etc. in cluding using of approved putty etc. on the surface , if necessary.								
33.01	(a) On timber or plastered surface:								
33.02	(1) With super gloss (hi-gloss).								
33.03	(iv) Two coats (with any shade except white).								
		1	6.350	1.000		6.350 Sq.M			
	Total					6.35 Sq.M	81.000	Sq.M.	514.35
PWD(WB)/BUILDING WORKS/Page-104/Item-13									
34	(a) M.S. or W.I. ornamental grill of approved design joints continuously welded with M.S., W.I. flats and bars for windows ,railing etc. fitted and fixed with necessary screws and lugs in ground floor. (Add extra @1% for each addl. floor up to 4th floor and @1.25% for each addl. floor above 4th floor).								
34.01	(i) Grill weighing above 10 kg./sq.m.and up to 16kg/sq.m.								
		10	0.600	0.450	0.160	0.432 Cu.M			
		5	0.600	0.600	0.160	0.288 Cu.M			
	Total					0.72 Cu.M	10021.000	Qntl.	7215.12
PWD(WB)/BUILDING WORKS/Page-200/Item-1b									


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No	Num	Description of Item					Quantity	Rate	Unit	Amount Rs.
		Member	Number	Length	Breadth	Height				
	35	(b) Priming one coat on timber or plastered surface with synthetic enamel oil bound primer of approved quality including smoothening surfaces by sand papering etc.								
			1	6.350	1.000		6.350 Sq.M			
			Total				6.35 Sq.M	38.000 Sq.M.		241.30
PWD(WB)/BUILDING WORKS/Page-200/Item-2										
	36	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary.								
	36.01	(b) On steel or other metal surface:								
	36.02	(1) With super gloss (hi-gloss).								
	36.03	(iv) Two coats (with any shade except white).								
			1	5.640	1.000		5.640 Sq.M			
			Total				5.64 Sq.M	79.000 Sq.M.		445.56
PWD(WB)/BUILDING WORKS/Page-66/Item-36										
	37	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10mm thick) in floor, skirting etc. set in 20 mm sand contrr]e]								
	37.01	(II) With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm [Applied directly over finished artificial stone floor/ mosaic etc.]								
		(A) Deep Colour & White								
			1	4.850	2.850		13.823 Sq.M			
			Total				13.82 Sq.M	1789.000 Sq.M.		24729.35
PWD(WB)/BUILDING WORKS/Page-64/Item-35										
	38	Supplying, Fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of								
	38.01	(B) Wall With Sand Cement Mortar(1:3)15mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m. & joint filling using white cement slurry								
	38.02	(b) Area of each tile the above 0.09Sq.m.								
	38.03	(ii) Other than Coloured decorative including white.								
			2	7.675	2.100		32.235 Sq.M			
			2	2.325	2.100		9.765 Sq.M			
			4	1.600	2.100		13.440 Sq.M			
			Total				55.44 Sq.M	1036.000 Sq.M.		57435.84
PWD(WB)/BUILDING WORKS/Page-233/Item-1										

Item Number	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
39	Supplying profiles of required section made of Aluminium Alloy extrusions conforming to IS:732-1983 and IS:1285-1975; Anodized (with required film thickness and specified colour/natural) matt finished conforming to IS:								
39.01	(A) In 10-12 Micron thickness Anodizing film.								
39.02	(I) Natural White.								
39.03	(h) Louvered window.								
39.04	(i) Top , bottom and side member.								
		1	6.500			6.500 M			
					Total	6.50 M	183.000	Meter.	1189.50
PWD(WB)/BUILDING WORKS/Page-233/Item-1									
40	Supplying profiles of required section made of Aluminium Alloy extrusions conforming to IS:732-1983 and IS:1285-1975; Anodized (with required film thickness and								
40.01	(A) In 10-12 Micron thickness Anodizing film.								
40.02	(I) Natural White.								
40.03	(h) Louvered window.								
40.04	(ii) Louver section.								
		1	7.200			7.200 M			
					Total	7.20 M	658.000	Meter.	4737.60
PWD(WB)/BUILDING WORKS/Page-233/Item-1									
41	Supplying profiles of required section made of Aluminium Alloy extrusions conforming to IS:732-1983 and IS:1285-1975; Anodized (with required film thickness and								
41.01	(A) In 10-12 Micron thickness Anodizing film.								
41.02	(I) Natural White.								
41.03	(e) Casement window (40mm. Depth series).								
41.04	(v) Cleat angle. (Non-anodized).								
		1	6.480			6.480 M			
					Total	6.48 M	263.000	Meter.	1704.24
PWD(WB)/BUILDING WORKS/Page-243/Item-9									
42	Supplying bubble free float glass of approved make and brand. Conforming to IS: 2835-1987.								
42.01	(iv) 5 mm thick coloured / tinted / smoke glass.								
		1	1.080	1.000		1.080 Sq.M			
					Total	1.08 Sq.M	585.000	Sq.M.	631.80
PWD(WB)/BUILDING WORKS/Page-268/Item-17									
43	Painting block letters or digits in Black Japan or any approved point as per direction.								
43.01	(e) Size above 7.5 cm. and upto 10. cm.								
		450				450.000 No.			
					Total	450.00 No.	12.000	each	5400.00

No.	Description of Item					Quantity	Rate	Unit	Amount Rs.	
	Member	Number	Length	Breadth	Height					
PWD(WB)/BUILDING WORKS/Page-261/Item-9										
44	Supplying and Planting of different plant /trees (Supplying well grown plants bushy and healthy, minimum height as specified i.e.exposed height including all leads & lift,carriage, handling, manuring, applying presticide and fertilizer etc.									
44.01	i) Furcaria veriegated 10-12 leaves in height 20-30cm in earthen pots of size 25cm.									
		10				10.000 No.				
Total						10.00 No.	162.000	Each	1620.00	
PWD(WB)/BUILDING WORKS/Page-261/Item-9										
45	Supplying and Planting of different plant /trees (Supplying well grown plants bushy and healthy, minimum height as specified i.e.exposed height including all leads & lift,carriage, handling, manuring, applying presticide									
45.01	x) Ficus blakii (F. Vivicon) well branched (Bushy) of height 120cm - 135 cm in earthen pot of size 30cm.									
		3				3.000 No.				
Total						3.00 No.	187.000	Each	561.00	
PWD(WB)/BUILDING WORKS/Page-261/Item-9										
46	Supplying and Planting of different plant /trees (Supplying well grown plants bushy and healthy, minimum height as specified i.e.exposed height including all leads & lift,carriage, handling, manuring, applying presticide and fertilizer etc.									
46.01	xxvi) Areca Palm 4 - 5 suckers of height 90cm to 105 cm in earthen pots of size 25 cm.									
		3				3.000 No.				
Total						3.00 No.	127.000	Each	381.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-79/Item-4										
47	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make in position complete excluding 'P' or 'S' trap (excluding cost of concrete for fixing).									
47.01	580 mm X 440 mm.									
		2				2.000 No.				
Total						2.00 No.	1613.000	Each	3226.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-80/Item-6										
48	Supplying, fitting and fixing Flat back urinal (half stall urinals) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete.									
48.01	470 mm X 280 mm X 340 mm.									
		3				3.000 No.				

Num	Description of Item					Quantity	Rate	Unit	Amount Rs.	
	Member	Number	Length	Breadth	Height					
	Total					3.00 No.	945.000	Each	2835.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-80/Item-7										
49	Supplying, figging and fixing Squating plate with integral flushing in white vitreous chinaware of approved make in cement concrete(6:3:1) with jhama chips complete.(Payment of concrete will be paid seperately).									
49.01	450 mm X 350 mm.					2.000 No.				
		2				2.00 No.	881.000	Each	1762.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-36/Item-2										
50	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									
		2				2.000 No.				
						2.00 No.	1015.000	Each	2030.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-11										
51	Supplying, fitting and fixing 32 mm dia. flush pipe of approved make with necessary fixing materials and clamps complete.									
51.01	Polythene Flush Pipe.					2.000 No.				
		2				2.00 No.	155.000	Each	310.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-12										
52	Supplying, fitting and fixing urinals flush pipe fittings of approved brand.									
52.01	C.P. urinals flush pipe fiitngs range of one .					2.000 No.				
		2				2.00 No.	414.000	Each	828.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-41/Item-2										
53	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. Brackets on 75 mm X 75mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15									
53.01	550 mm x 400 mm size.					2.000 No.				
		2				2.00 No.	2208.000	Each	4416.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-41/Item-3										
54	Supplying, fitting and fixing pedestal of approved make for wash basin.(White).									
		2				2.000 No.				
						2.00 No.	1497.000	Each	2994.00	
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-43/Item-9										
55	Supplying, fitting & fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P.nut, 15mm dia.									


 Sub Asst. Engineer
 SILIGURI MUNICIPAL CORPORATION

No.	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
55.01	600 mm long.	5				5.000 No.			
					Total	5.00 No.	107.000	Each	535.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-43/Item-10									
56	Supplying, fitting and fixing approved brand 32mm dia P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps.								
56.01	1050mm long.	2				2.000 No.			
					Total	2.00 No.	91.000	Each	182.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-3/Item-3									
57	Supplying, fitting and fixing shower of approved brand and make.								
57.01	Hand shower(Health Faucet) with 1mtr Flexible Tube with wall Hook (Equivalent to code No.573 & Model-ALLIED of Jaquar or Similar)								
		2				2.000 No.			
					Total	2.00 No.	1251.000	Each	2502.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-6/Item-7									
58	Supplying, fitting and fixing bib cock or stop cock.								
58.01	Chromium plated Bib Cock short body (Equivalent to Code No.511 & Model- Tropical /sumthing special of ESSCO or Similar brand).								
		5				5.000 No.			
					Total	5.00 No.	539.000	Each	2695.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-6/Item-7									
59	Supplying, fitting and fixing bib cock or stop cock.								
59.01	Chromium plated Stop Cock (Equivalent to Code No.513(A) & 513(B) Model- Tropical /sumthing special of ESSCO or Similar brand).								
		3				3.000 No.			
					Total	3.00 No.	493.000	Each	1479.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-6/Item-7									
60	Supplying, fitting and fixing bib cock or stop cock.								
60.01	Chromium plated plated angular Stop Cock with wall flange (Equivalent to Code No.5053 & Model- Florentine of Jaquar or Similar brand).								
		3				3.000 No.			
					Total	3.00 No.	815.000	Each	2445.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-45/Item-19									
61	Supplying, fitting and fixing pillar cock of approved make.								


 Sub Asst. Engineer
 SILIGURI MUNICIPAL CORPORATION

Num	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
61.01	CP Pillar Cock-15 mm. (Equivalent to Code No.507 & Model-Tropical/Sumthing Special of ESSCO or similar brand).					2.000 No.			
		2				2.00 No.	555.000	Each	1110.00
Total									
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-12/Item-19-I									
62	Supplying, fitting and fixing PVC pipes of approved make of of Schedule 80 (medium duty) conforming to ASTM-D-1785 and threaded to match with GI Pipes as per IS:1239 (Part-I) with all necessary accessories, specials viz. socket,								
62.01	For Exposed Work PVC Pipes.								
62.02	25 mm.								
		1	15.000			15.000 M			
Total									
15.00 M 177.000 Mtr. 2655.00									
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-12/Item-19-I									
63	Supplying, fitting and fixing PVC pipes of approved make of of Schedule 80 (medium duty) conforming to ASTM-D-1785 and threaded to match with GI Pipes as per IS:1239 (Part-I) with all necessary accessories, specials viz. socket,								
63.01	For Exposed Work PVC Pipes.								
63.02	15 mm dia.								
		10	1.000			10.000 M			
Total									
10.00 M 101.000 Mtr. 1010.00									
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-12/Item-19-I									
64	Supplying, fitting and fixing PVC pipes of approved make of of Schedule 80 (medium duty) conforming to ASTM-D-1785 and threaded to match with GI Pipes as per IS:1239 (Part-I) with all necessary accessories, specials viz. socket,								
64.01	For Concealed Work.								
64.02	15 mm.								
		10	1.000			10.000 M			
Total									
10.00 M 137.000 Mtr. 1370.00									
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-5/Item-5									
65	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg sq.cm. (for water lines only).								
65.01	25 mm.								
		2				2.000 No.			
Total									
2.00 No. 778.000 Each 1556.00									
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-37/Item-6									
66	Supplying PVC water storage tank of approved quality with closed top weith lid (Black) - Multilayer.								
66.01	1000 litre capacity.								

Sub Asst. Engineer
SILIGURI MUNICIPAL CORPORATION

Sl. No.	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
		2				2.000 No.			
	Total					2.00 No.	5128.000	Each	10256.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-37/Item-10									
67	Labour for hoisting plastic water storage tank.								
67.01	Upto 1500 litre capacity.								
67.02	Upto 1st story from G.L.								
		2				2.000 No.			
	Total					2.00 No.	96.000	Each	192.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-38/Item-13									
68	Labour for punching hole in plastic water storage tank upto 50 mm dai.								
		4				4.000 No.			
	Total					4.00 No.	19.000	Each	76.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23									
69	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
69.01	Single socketed 3 meter length.								
69.02	110 mm.								
		30	1.000			30.000 M			
	Total					30.00 M	292.000	Mtr.	8760.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23									
70	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
70.01	Fittings.								
70.02	Coupler.								
70.03	110 mm.								
		8				8.000 No.			
	Total					8.00 No.	85.000	Each	680.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23									
71	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
71.01	Fittings.								
71.02	Plain tee.								
		12				12.000 No.			
	Total					12.00 No.	85.000	Each	1020.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23									
72	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
72.01	Fittings.								
72.02	Door Tee.								
		10				10.000 No.			

Asst. Engineer
SILIGURI MUNICIPAL CORPORATION

No.	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
					Total	10.00 No.	195.000	Each	1950.00
	PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23								
73	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
73.01	Fittings.								
73.02	Bend 45o. 110 mm.								
		10				10.000 No.			
					Total	10.00 No.	89.000	Each	890.00
	PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23								
74	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
74.01	Fittings.								
74.02	Door Bend (T.S). 110 mm.								
		7				7.000 No.			
					Total	7.00 No.	147.000	Each	1029.00
	PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23								
75	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
75.01	Fittings.								
75.02	Pipe Clip. 110 mm.								
		30				30.000 No.			
					Total	30.00 No.	21.000	Each	630.00
	PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23								
76	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
76.01	Fittings.								
76.02	W.C. Connector (150m m long) 125 X 110 (W/WC Ring) 75 mm.								
		4				4.000 No.			
					Total	4.00 No.	142.000	Each	568.00
	PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23								
77	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
77.01	Fittings.								
77.02	Plain Floor Trap with Top tile and Stainer. 75mm..								
		7				7.000 No.			
					Total	7.00 No.	144.000	Each	1008.00
	PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23								

Item Number	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
78	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
78.01	Fittings.								
78.02	Rubber Ring.								
78.03	110 mm.								
		15				15.000 No.			
	Total					15.00 No.	17.000	Each	255.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23									
79	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
79.01	Rubber Lubricant. 500 ML.								
		1				1.000 No.			
	Total					1.00 No.	187.000	Each	187.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23									
80	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .								
80.01	Solvent Cement. 250 ML.								
		1				1.000 No.			
	Total					1.00 No.	103.000	Each	103.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-74/Item-24									
81	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry								
81.01	Underground.								
	110 mm dia.								
		20	1.000			20.000 M			
	Total					20.00 M	84.000	metre	1680.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-87/Item-1									
82	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm(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(1:6:3) with stone chips over a layer of jhama brick flat soiling, 15 mm thick (1:4) cement plaster after work complete in all respect with all costs of labour and materials.								
82.01	With Bazree (Pakur Variety).(SAIL/TATA/RINL)								
		2				2.000 No.			
	Total					2.00 No.	6434.000	each	12868.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-88/Item-3									

Sl. No.	Description of Item					Quantity	Rate	Unit	Amount Rs.	
	Member	Number	Length	Breadth	Height					
83	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 of approved make supplied, fitted and fixed in the ical 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 Engineer-in-Charge.									
83.01	For 30 users.									
83.02	With Bazree (N.B.Variety).(SAIL/TATA/RINL)									
		1				1.000 No.				
	Total					1.00	No.	57267.000	Each	57267.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-89/Item-4										
84	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(6:1) band all round and cement brick with 250 mm thick dry brick work and 250 mm thick cement brick work(6:1) and 1.00 m. inside dia.									
84.01	(SAIL/TATA/RINL)									
		1				1.000 No.				
	Total					1.00	No.	15532.000	Each	15532.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-82/Item-22										
85	Supplying, fitting and fixing towel rail with two brackets.									
85.01	C.P. over brass.									
85.02	25 mm dia. and 600 mm long.									
		2				2.000 No.				
	Total					2.00	No.	430.000	Each	860.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-15										
86	Supplying, fitting and fixing bevelled edge mirror 5.5 mm thick silver red as per I.S. 3438/1965 together with brass C.P. hinges.									
86.01	600 mm X 450 mm.									
		2				2.000 No.				
	Total					2.00	No.	484.000	Each	968.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-82/Item-18										
87	Supplying, fitting and fixing soap holder.									
87.01	Fibre glass.									
		2				2.000 No.				
	Total					2.00	No.	58.000	Each	116.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-16										


 Sub Asst. Engineer
 SILIGURI MUNICIPAL CORPORATION

Sl. No.	Description of Item				Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth				
88	Supplying, fitting and fixing glass shelf with aluminium guard rails.							
ss.01	Ordinary type with 5.5 mm sheet glass.							
ss.02	450 mm X 125 mm.							
		2			2.000 No.			
Total					2.00 No.	341.000	Each	682.00
TOTAL AMOUNT								6,17,381.61
18 % GST on Total Amount								1,11,128.69
Sub - Total 1 (Total Amount + GST)								7,28,510.30
3 % Contingency on Sub-Total 1								21,855.31
Sub - Total 2 (Sub - Total 1 + contingency)								7,50,365.61
Labour Welfare Cess 1% on Sub-Total 1								7,285.10
Grand total								7,57,650.71
								Say 7,57,651.00
(Rupees seven lakh fifty seven thousand six hundred fifty one) only								

P. Bose.

Sub Asst. Engineer
SILIGURI MUNICIPAL CORPORATIONAssistant Engineer
Siliguri Municipal CorporationExecutive Engineer
SILIGURI MUNICIPAL CORPORATION