

Siliguri Municipal Corporation

Estimate for:

CONSTRUCTION OF TOILET BLOCK (CT/PT) MODEL NO-G TOILET SEAT - 4 NOS AND URINAL-5 NOS, SCHEDULE ITEMS.	SI-52
Construction of Public Toilet near Balmiki HS, ward no. 34 Unit-2)	

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									
1.01	(a) Depth of excavation not exceeding 1.500 mm.									
		6	1.350	1.350	1.125	12.302	Cu.M			
		2	4.850	0.350	0.425	1.443	Cu.M			
		3	4.300	0.350	0.475	2.145	Cu.M			
		1	7.250	0.250	0.425	0.770	Cu.M			
		1	1.835	2.100	1.500	5.780	Cu.M			
		Total				22.44	Cu.M	11927.000	% Cu.M.	2676.42
PWD(WB)/BUILDING WORKS/Page-1/Item-2										
2	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									
2.01	(b) Depth of excavation additional depth beyond 1,500 mm. and up to 3,000 mm. but not requiring shoring.									
		1	1.835	2.100	0.176	0.678	Cu.M			
		Total				0.68	Cu.M	19238.000	% Cu.M.	130.43
PWD(WB)/BUILDING WORKS/Page-14/Item-1										
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.									
		6	1.350	1.350		10.935	Sq.M			
		2	4.800	0.350		3.360	Sq.M			
		3	4.300	0.350		4.515	Sq.M			
		1	7.250	0.250		1.813	Sq.M			
		1	4.350	4.050		17.618	Sq.M			
		1	4.000	1.000		4.000	Sq.M			
		1	1.835	2.100		3.854	Sq.M			
		Total				46.10	Sq.M	324.000	Sq.M.	14934.78
PWD(WB)/BUILDING WORKS/Page-24/Item-4										
4	Ordinary cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS									
4.01	(b) River bazree.									

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Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
	6	1.200	1.200	0.100	0.864 Cu.M			
	2	4.850	0.250	0.075	0.182 Cu.M			
	3	4.300	0.250	0.075	0.242 Cu.M			
	1	7.250	0.250	0.075	0.136 Cu.M			
	1	4.350	4.050	0.075	1.321 Cu.M			
	1	4.000	1.000	0.075	0.300 Cu.M			
	2	5.100	0.450	0.075	0.344 Cu.M			
	2	4.550	0.450	0.075	0.307 Cu.M			
Total					3.70 Cu.M	4006.000	Cu.M	14806.18
PWD(WB)/BUILDING WORKS/Page-47/Item-2								
5 25 mm. thick damp proof with cement concrete (1:1.5:3) (with graded stone aggregate 10 mm. normal size) and painting the top surface with a coat of bitumen [VG.40] using 1.7 kg. persq.m. including heating the bitumen and cost and carriage of all materials complete. [Bitumen to be supplied by the Agency]								
	2	4.850	0.250		2.425 Sq.M			
	3	4.300	0.250		3.225 Sq.M			
	1	7.250	0.125		0.906 Sq.M			
Total					6.56 Sq.M	269.000	Sq.M.	1763.56
PWD(WB)/BUILDING WORKS/Page-15/Item-8								
6 Brick work with 1st class bricks in cement mortar (1:6)								
6.01 In foundation and plinth								
	1	22.600	0.250	0.600	3.390 Cu.M			
	1	6.000	0.250	0.300	0.450 Cu.M			
	1	6.400	0.250	1.700	2.720 Cu.M			
Total					6.56 Cu.M	4896.000	Cum.	32117.76
PWD(WB)/BUILDING WORKS/Page-15/Item-8								
7 Brick work with 1st class bricks in cement mortar (1:6)								
7.01 In Super structure, ground floor.								
	2	4.350	0.250	2.700	5.873 Cu.M			
	3	4.050	0.250	2.600	7.898 Cu.M			
	-1	2.050	0.250	2.100	-1.076 Cu.M			
	-10	0.600	0.250	0.450	-0.675 Cu.M			
Total					12.02 Cu.M	5119.000	Cum.	61530.38
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.								
	1	7.250	2.725		19.756 Sq.M			
	-3	0.750	1.950		-4.388 Sq.M			
	1	21.700	0.300		6.510 Sq.M			
	1	3.725	0.300		1.118 Sq.M			

No.	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
					Total	23.00 Sq.M	674.000 Sq.M.		15499.30
	PWD(WB)/BUILDING WORKS/Page-1/Item-3								
9	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).								
9.01	(a) With earth obtained from excavation of foundation.								
		1	0.660	18.830	1.000	12.428			Cu.M
		Total				12.43	7754.000	% Cu.M.	963.67
	PWD(WB)/BUILDING WORKS/Page-2/Item-4A								
10	(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	4.350	4.050	0.600	10.571			Cu.M
		1	4.000	1.000	0.225	0.900			Cu.M
		Total				11.47	52107.000	% Cu.M.	5977.19
	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, lintels curved or staight including fitting fixing and striking out after complection of works. (up to roof of ground floor).								
11.01	(f) 25mm. To 30mm. Shuttering with out staging in foundation etc.								
		6	4.800	0.200		5.760			Sq.M
		6	1.600	0.300		2.880			Sq.M
		4	4.850	0.250		4.850			Sq.M
		6	4.300	0.300		7.740			Sq.M
		2	7.250	0.250		3.625			Sq.M
		1	6.000	0.125		0.750			Sq.M
		1	1.200	1.500		1.800			Sq.M
		Total				27.41	205.000	Sq.M.	5618.03
	PWD(WB)/BUILDING WORKS/Page-42/Item-36								


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No.	Description of Item					Quantity	Rate	Unit	Amount Rs.	
	Member	Number	Length	Breadth	Height					
12	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 thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting fixing and striking out after completion of works. (up to roof of ground floor).									
12.01	(a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of the Engineer-in-charge. .									
		6	1.000	3.475		20.850				
		4	4.600	0.175		3.220				
		6	4.050	0.275		6.683				
		2	23.850	0.150		7.155				
		2	7.000	0.150		2.100				
		10	0.450	0.300		1.350				
		1	5.700	5.150		29.355				
		1	21.700	0.125		2.713				
		1	1.000	1.500		1.500				
		Total				74.93	Sq.M	328.000	Sq.M.	24575.73
PWD(WB)/BUILDING WORKS/Page-26/Item-10										
13	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 codes.									
13.01	(ii) River bazree.									
		6	1.200	1.200	0.200	1.728				
		6	0.800	0.800	0.200	0.768				
		6	0.400	0.400	0.300	0.288				
		6	0.250	0.250	3.475	1.303				
		2	5.100	0.250	0.250	0.638				
		3	4.550	0.250	0.250	0.853				
		1	7.250	0.250	0.250	0.453				
		1	23.850	0.250	0.150	0.894				
		1	23.850	0.250	0.150	0.894				
		1	7.000	0.125	0.150	0.131				
		10	0.450	0.300	0.075	0.101				
		2	4.350	0.250	0.175	0.381				
		3	4.050	0.250	0.275	0.835				
		1	5.700	5.050	0.125	3.598				
		2	2.400	0.600	0.075	0.216				
		1	1.700	2.000	0.125	0.425				
		1	1.700	2.000	0.125	0.425				
		Total				13.93	Cu.M	4745.000	Cu.M	66102.60
PWD(WB)/BUILDING WORKS/Page-43/Item-40										

Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
14	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 bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at intersection, complete as per drawing and direction.							
14.01	(a) For works in foundation, basement and up to roof of ground floor/up to 4m. Tor steel/Mild steel.							
14.02	SAIL/ TATA/RINL							
Volumetric percentage calculation of reinforcement								
				Total volume	13.93 cum			
Percentage of steel		1.500	%					
Weight of steel		7.85	MT/cum					
Reinforcement by volume of CC					1.64 MT			
				Total	1.64 MT	66502.000	M.T.	109063.28
PWD(WB)/BUILDING WORKS/Page-48/Item-6								
15	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							
15.01	(ii) 25 mm. thick.							
	1	5.700	5.050		28.785			
				Total	28.79	270.000	Sq.M.	7771.95
PWD(WB)/BUILDING WORKS/Page-192/Item-15								
16	Neat cement punning about 1.5mm thick in wall, dado, windowsill, floor etc.NOTE:Cement 0.152 cu.m per100 sq.m.							
	1	19.300	0.600		11.580			
	1	5.400	1.700		9.180			
				Total	20.76	34.000	Sq.M.	705.84
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 connrners as directed and raking out joints including throating, nosing							
17.01	(i) with 1:6 cement mortar.							
17.02	(c)15 mm. thick plaster.							
	2	5.100	3.900		39.780			
	2	4.550	3.900		35.490			
	20	0.450	0.300		2.700			
	10	1.050	0.075		0.788			
	4	4.550	2.875		52.325			
	2	5.100	2.875		29.325			

Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
	6	1.200	2.875		20.700 Sq.M			
	2	2.500	2.875		14.375 Sq.M			
	1	1.600	2.875		4.600 Sq.M			
	-4	0.750	2.100		-6.300 Sq.M			
	-1	2.050	2.100		-4.305 Sq.M			
	-10	0.450	0.300		-1.350 Sq.M			
	1	19.800	0.975		19.305 Sq.M			
	1	5.400	1.700		9.180 Sq.M			
Total					216.61 Sq.M	141.000	Sq.M.	30542.43
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	5.400	4.850		26.190 Sq.M			
Total					26.19 Sq.M	126.000	Sq.M.	3299.94
PWD(WB)/BUILDING WORKS/Page-115/Item-3								
19	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite doorframe as per approved section with glass fibre reinforced plastic moulded skinsand a special							
19.01	(i) 66mm x 90mm							
	4	4.950			19.800 M			
Total					19.80 M	497.000	Mtr.	9840.60
PWD(WB)/BUILDING WORKS/Page-125/Item-14								
20	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite doorshutters as per approved design with glass fibre reinforced plastic moulded skinsand a special sandwich core, so as to impart monolitaheic composite structure asper approved technology of Department of Science and Technology (DST) tosatisfy IS:4020 door testing performance criteria.In ground floor.							
20.01	(i) 32 mm thick							
	4	2.100	0.750		6.300 Sq.M			
Total					6.30 Sq.M	2763.000	Sq.M.	17406.90
PWD(WB)/BUILDING WORKS/Page-144/Item-26								
21	Anodise aluminium barred/tower/socket bolt (full covered) of approved manufactured from extruded section conforming to I.S.204/74 fitted and Fixed with cadmium plated screws:.							
21.01	(vii) 225 mm long x 10 mm dia. bolt.							
	8				8.000 No.			
Total					8.00 No.	84.000	Each	672.00
PWD(WB)/BUILDING WORKS/Page-140/Item-5								

Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
22	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.							
22.01	(viii) 100 mm x 75mm x 3.50 mm.							
	12				12.000 No.			
Total					12.00 No.	66.000	Each	792.00
PWD(WB)/BUILDING WORKS/Page-146/Item-31								
23	Anodised aluminium decorative handle (hexagonal / fluted) of approved quality fitted and fixed complete.							
23.01	(i) 150 mm plate x 10 mm. dia rod x 12 mm. hexagonal/fluted.							
	8				8.000 No.			
Total					8.00 No.	87.000	Each	696.00
PWD(WB)/BUILDING WORKS/Page-141/Item-10								
24	(i) Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fitting.							
24.01	(b) 250 mm long.							
	8				8.000 No.			
Total					8.00 No.	159.000	Each	1272.00
PWD(WB)/BUILDING WORKS/Page-244/Item-13-A								
25	(A) Supplying Aluminium casted body hydraulic door closer as per I.S.I.							
	4				4.000 No.			
Total					4.00 No.	635.000	Each.	2540.00
PWD(WB)/BUILDING WORKS/Page-198a/Item-5								
26	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick)							
	4	4.050	0.775		12.555 Sq.M			
	2	4.600	0.775		7.130 Sq.M			
	6	1.200	0.775		5.580 Sq.M			
	2	2.500	0.775		3.875 Sq.M			
	1	1.600	0.775		1.240 Sq.M			
	1	4.350	4.050		17.618 Sq.M			
	-10	0.450	0.300		-1.350 Sq.M			
Total					46.65 Sq.M	122.000	Sq.M.	5691.06
PWD(WB)/BUILDING WORKS/Page-196/Item-10								
27	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats							

CEE4


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Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
	4	4.050	0.775		12.555 Sq.M			
	2	4.600	0.775		7.130 Sq.M			
	6	1.200	0.775		5.580 Sq.M			
	2	2.500	0.775		3.875 Sq.M			
	1	1.600	0.775		1.240 Sq.M			
	1	4.350	4.050		17.618 Sq.M			
	-10	0.450	0.300		-1.350 Sq.M			
				Total	46.65 Sq.M	70.000	Sq.M.	3265.36
PWD(WB)/BUILDING WORKS/Page-197/Item-17								
28	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							
28.01	(a) Normal Acrylic emulsion.							
	1	5.100	3.900		19.890 Sq.M			
	2	4.550	3.900		35.490 Sq.M			
	20	0.450	0.300		2.700 Sq.M			
	10	1.050	0.075		0.788 Sq.M			
	-10	0.450	0.300		-1.350 Sq.M			
	1	20.500	0.975		19.988 Sq.M			
				Total	77.51 Sq.M	67.000	Sq.M.	5192.90
PWD(WB)/BUILDING WORKS/Page-196/Item-8								
29	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)							
29.01	(b) two coat.							
	1	5.100	3.900		19.890 Sq.M			
	2	4.550	3.900		35.490 Sq.M			
	20	0.450	0.300		2.700 Sq.M			
	10	1.050	0.075		0.788 Sq.M			
	-10	0.450	0.300		-1.350 Sq.M			
	1	20.500	0.975		19.988 Sq.M			
				Total	77.51 Sq.M	4510.000	%sqm	3495.52
PWD(WB)/BUILDING WORKS/Page-106/Item-18								
30	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 mm. X5 mm.M.S. flats as collapsible bracing properly							
	1	2.300	4.850		11.155 Sq.M			
				Total	11.16 Sq.M	4351.000	Sq.M.	48535.41
PWD(WB)/BUILDING WORKS/Page-104/Item-13								
31	(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							

Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
1.01	(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			
	1	5.000	0.900	0.160	0.720 Cu.M			
Total					1.44 Cu.M	10021.000	Qntl.	14430.24
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	2.300	2.100		7.245 Sq.M			
	20	0.600	0.450		5.400 Sq.M			
	5	0.600	0.600		1.800 Sq.M			
	10	0.600	0.900		5.400 Sq.M			
Total					19.85 Sq.M	29.000	Sq.M.	575.51
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 papering etc. in cluding using of approved putty etc. on the surface , if necessary.							
33.01	(b) On steel or other metal surface:							
33.02	(1) With super gloss (hi-gloss).							
33.03	(iv) Two coats (with any shade except white).							
	1	5.400	4.850		26.190 Sq.M			
Total					26.19 Sq.M	79.000	Sq.M.	2069.01
PWD(WB)/BUILDING WORKS/Page-280/Item-1								
34	Supplying and laying true to line and level Anti-Skid, Full Body,Homogeneous & Granular finish Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and testing shall be made in accordance withIS:13630 [Non- modular th warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and							
34.01	b) In Ground Floor: Sizes-600 mm x600mm x10 mm with breaking strength > 1500 N							
	1	4.350	4.050		17.618 Sq.M			
Total					17.62 Sq.M	1589.000	Sq.M.	27995.00
PWD(WB)/BUILDING WORKS/Page-68/Item-39								
35	Supplying, fitting & fixing best quality digital printed Ceramic tiles in coloured decorative on walls and floors to match withthe existing work & 4 nos. key stones							
	2	4.350	2.100		18.270 Sq.M			
	4	4.050	2.100		34.020 Sq.M			
	-1	2.050	2.100		-4.305 Sq.M			

Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
	2	1.600	2.100		6.720 Sq.M			
	2	1.100	2.100		4.620 Sq.M			
	2	1.200	2.100		5.040 Sq.M			
	2	2.500	2.100		10.500 Sq.M			
	-4	0.750	2.100		-6.300 Sq.M			
Total					68.57 Sq.M	1060.000	Sq.M.	72678.90
PWD(WB)/BUILDING WORKS/Page-74/Item-47								
36	Supplying & laying 20 mm designer chequered titles of any shade and of approved quality as per IS: 1237: 1980 laid in patterns of as directed in pavement, footpath including necessary under lay 25 mm thick average							
	1	4.000	1.000		4.000 Sq.M			
Total					4.00 Sq.M	823.000	Sq.M.	3292.00
PWD(WB)/BUILDING WORKS/Page-62/Item-32								
37	Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, fascia etc. with 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to							
	1	1.650	0.450		0.743 Sq.M			
	1	1.800	0.450		0.810 Sq.M			
	1	1.700	2.100		3.570 Sq.M			
	1	1.100	2.100		2.310 Sq.M			
Total					7.43 Sq.M	2313.000	Sq.M.	17192.53
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-13								
38	Supplying, fitting and fixing 18 mm thick marble partition slab with chawk doongri marble square cut both side polished with two front corners rounded and edges polished.							
	3				3.000 No.			
Total					3.00 No.	1426.000	Each	4278.00
PWD(WB)/BUILDING WORKS/Page-243/Item-9								
39	Supplying bubble free float glass of approved make and brand. Conforming to IS: 2835-1987.							
39.01	(iv) 5 mm thick coloured / tinted / smoke glass.							
	10	0.600	0.450		2.700 Sq.M			
Total					2.70 Sq.M	585.000	Sq.M.	1579.50
PWD(WB)/BUILDING WORKS/Page-261/Item-9								
40	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 pesticide and fertilizer etc.							

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Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
40.01	i) Furcaria veriegated 10-12 leaves in height 20-30cm in earthen pots of size 25cm.							
	12				12.000 No.			
Total					12.00 No.	162.000	Each	1944.00
PWD(WB)/BUILDING WORKS/Page-261/Item-9								
41	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.							
41.01	x) Ficus blakii (F. Vivicon) well branched (Bushy) of height 120cm - 135 cm in earthen pot of size 30cm.							
	9				9.000 No.			
Total					9.00 No.	187.000	Each	1683.00
PWD(WB)/BUILDING WORKS/Page-261/Item-9								
42	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.							
42.01	xxvi) Areca Palm 4 - 5 suckers of height 90cm to 105 cm in earthen pots of size 25 cm.							
	6				6.000 No.			
Total					6.00 No.	127.000	Each	762.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-79/Item-4								
43	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).							
43.01	580 mm X 440 mm.							
	4				4.000 No.			
Total					4.00 No.	1613.000	Each	6452.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-10								
44	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws supplied, fitted and fixed complete.							
44.01	Anglo-Indian , Plastic (hallow type) black.							
					4 No.	371	Each	1484.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-80/Item-6								


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Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
45	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.							
45.01	635mm X 395mm X 420mm							
	5				5.000 No.			
Total					5.00 No.	2869.000	Each	14345.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-80/Item-7								
46	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).							
46.01	450 mm X 350 mm.							
	2				2.000 No.			
Total					2.00 No.	881.000	Each	1762.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-36/Item-1								
47	Supplying, fitting and fixing 10 litre porcelian low-down cistern of approved make without fitting and brackets.White.							
	4				4.000 No.			
Total					4.00 No.	2297.000	Each	9188.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-11								
48	Supplying, fitting and fixing 32 mm dia. flush pipe of approved make with necessary fixing materials and clamps complete.							
48.01	Polythene Flush Pipe.							
	4				4.000 No.			
Total					4.00 No.	155.000	Each	620.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-12								
49	Supplying, fitting and fixing urinals flush pipe fittings of approved brand.							
49.01	C.P. urinals flush pipe fiitngs range of one .							
	3				3.000 No.			
Total					3.00 No.	414.000	Each	1242.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-41/Item-2								
50	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							
50.01	630 mm x 450 mm size.							
	2				2.000 No.			
Total					2.00 No.	3260.000	Each	6520.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-43/Item-9								



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Sl. No.	Description of Item					Quantity	Rate	Unit	Amount Rs.
	Member	Number	Length	Breadth	Height				
51	Supplying, fitting & fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P.nut, 15mm dia.								
51.01	600 mm long.								
		7				7.000 No.			
	Total					7.00	107.000	Each	749.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-43/Item-10									
52	Supplying, fitting and fixing approved brand 32mm dia P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps.								
52.01	1050mm long.								
		7				7.000 No.			
	Total					7.00	91.000	Each	637.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-3/Item-3									
53	Supplying, fitting and fixing shower of approved brand and make.								
53.01	Hand shower(Health Faucet) with 1mtr Flexible Tube with wall Hook (Equivalent to code No.573 & Model-ALLIED of Jaquar or Similar)								
		4				4.000 No.			
	Total					4.00	1251.000	Each	5004.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-6/Item-7									
54	Supplying, fitting and fixing bib cock or stop cock.								
54.01	Chromium plated Bib Cock long body with wall flange with aerator (Equivalent to Code No.512 & Model-Tropical /sumthing special of ESSCO or Similar brand).								
		4				4.000 No.			
	Total					4.00	659.000	Each	2636.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-6/Item-7									
55	Supplying, fitting and fixing bib cock or stop cock.								
55.01	Chromium plated Stop Cock (Equivalent to Code No.513(A) & 513(B) Model- Tropical /sumthing special of ESSCO or Similar brand).								
		4				4.000 No.			
	Total					4.00	493.000	Each	1972.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-3/Item-3									
56	Supplying, fitting and fixing shower of approved brand and make.								



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Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
56.01	Chromium plated round shower with revolving joint (Equivalent to Code No.541(N) & Model - Tropical / Sumthing special of ESSCO or Similar Brand).							
	2				2.000 No.			
Total					2.00 No.	360.000	Each	720.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-3/Item-3								
57	Supplying, fitting and fixing shower of approved brand and make.							
57.01	Chromium plated round shower arm 190 mm long (Equivalent to Code No.536(A) & Model - Tropical / Sumthing special of ESSCO or Similar Brand).							
	2				2.000 No.			
Total					2.00 No.	309.000	Each	618.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-6/Item-7								
58	Supplying, fitting and fixing bib cock or stop cock.							
58.01	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No.5053 & Model- Florentine of Jaquar or Similar brand).							
	12				12.000 No.			
Total					12.00 No.	815.000	Each	9780.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-45/Item-19								
59	Supplying, fitting and fixing pillar cock of approved make.							
59.01	CP Pillar Cock-15 mm. (Equivalent to Code No.507 & Model-Tropical/Sumthing Special of ESSCO or similar brand).							
	2				2.000 No.			
Total					2.00 No.	555.000	Each	1110.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-12/Item-19-I								
60	Supplying, fitting and fixing PVC pipes of approved make of of Schedule 80 (medium duty) conforming to ASTMD-1785 and threaded to match with GI Pipes as per IS:1239							
60.01	For Exposed Work PVC Pipes.							
60.02	25 mm.							
	1	35.000			35.000 M			
Total					35.00 M	177.000	Mtr.	6195.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-12/Item-19-I								
61	Supplying, fitting and fixing PVC pipes of approved make of of Schedule 80 (medium duty) conforming to ASTMD-1785 and threaded to match with GI Pipes as per IS:1239 (Part-I) with all necessary accessories, specials viz. socket,							


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Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
61.01	For Exposed Work PVC Pipes.							
61.02	15 mm dia.							
	1	20.000			20.000 M			
Total					20.00 M	101.000	Mtr.	2020.00
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 Concealed Work.							
62.02	15 mm.							
	1	20.000			20.000 M			
Total					20.00 M	137.000	Mtr.	2740.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-5/Item-5								
63	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg sq.cm. (for water lines only).							
63.01	25 mm.							
	3				3.000 No.			
Total					3.00 No.	778.000	Each	2334.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-37/Item-6								
64	Supplying PVC water storage tank of approved quality with closed top weith lid (Black) - Multilayer.							
64.01	1000 litre capacity.							
	2				2.000 No.			
Total					2.00 No.	5128.000	Each	10256.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-37/Item-10								
65	Labour for hoisting plastic water storage tank.							
65.01	Upto 1500 litre capacity.							
65.02	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								
66	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								
67	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .							
67.01	Single socketed 3 meter length.							
67.02	110 mm.							

Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
	1	30.000			30.000 M			
				Total	30.00 M	292.000	Mtr.	8760.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23								
68	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .							
68.01	Fittings.							
68.02	Plain tee.							
	110 mm.							
	12				12.000 No.			
				Total	12.00 No.	85.000	Each	1020.00
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	Fittings.							
69.02	Coupler.							
69.03	110 mm.							
	15				15.000 No.			
				Total	15.00 No.	85.000	Each	1275.00
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	Door Tee.							
	110 mm.							
	9				9.000 No.			
				Total	9.00 No.	195.000	Each	1755.00
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	Bend 45o.							
	110 mm.							
	9				9.000 No.			
				Total	9.00 No.	89.000	Each	801.00
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 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								

Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
73	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .							
73.01	Fittings.							
73.02	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								
74	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .							
74.01	Fittings.							
74.02	W.C. Connector (150m m long) 125 X 110 (W/WC Ring) 75 mm.							
	6				6.000 No.			
Total					6.00 No.	142.000	Each	852.00
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	Plain Floor Trap with Top tile and Stainer. 75mm..							
	6				6.000 No.			
Total					6.00 No.	144.000	Each	864.00
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	Rubber Ring.							
76.03	110 mm.							
	30				30.000 No.			
Total					30.00 No.	17.000	Each	510.00
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	Rubber Lubricant. 500 ML.							
	5				5.000 No.			
Total					5.00 No.	187.000	Each	935.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-68/Item-23								
78	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 .							


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Member	Description of Item				Quantity	Rate	Unit	Amount Rs.
	Number	Length	Breadth	Height				
79.01	Solvent Cement.	250 ML.						
		5			5.000 No.			
					5.00 No.	103.000	Each	515.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-74/Item-24								
79	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 or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any foot) 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.).							
79.01	Underground.							
	110 mm dia.				30.000 M			
		1	30.000		30.00 M	84.000	metre	2520.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-87/Item-1								
80	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 after work complete in all respect with all costs of labour and materials.							
80.01	With Bazree (Pakur Variety).(SAIL/TATA/RINL)							
		3			3.000 No.			
					3.00 No.	6434.000	each	19302.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-88/Item-3								
81	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 top slab with necessary fittings, 19 mm thick cement icial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per directon of Engineer-in-Charge.							
81.01	For 50 users. With Pakur variety.(SAIL/TATA/RINL)							

Description of Item					Quantity	Rate	Unit	Amount Rs.
Member	Number	Length	Breadth	Height				
	1				1.000 No.			
Total					1.00 No.	81946.000	Each	81946.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-89/Item-4								
82	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.							
82.01	(SAIL/TATA/RINL)				1.000 No.			
	1				1.00	15532.000	Each	15532.00
Total					1.00 No.	15532.000	Each	15532.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-82/Item-22								
83	Supplying, fitting and fixing towel rail with two brackets.							
83.01	C.P. over brass.							
83.02	25 mm dia. and 600 mm long.				4.000 No.			
	4				4.00	430.000	Each	1720.00
Total					4.00 No.	430.000	Each	1720.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-37/Item-8								
84	Supplying, fitting and fixing cast iron raised rain proof tank cover 500 mm dia. With locking arrangements(weighing not less than 12 kg).							
	1				1.000 No.			
Total					1.00 No.	1263.000	Each	1263.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-15								
85	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.							
85.01	600 mm X 450 mm.				4.000 No.			
	4				4.00	484.000	Each	1936.00
Total					4.00 No.	484.000	Each	1936.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-82/Item-18								
86	Supplying, fitting and fixing soap holder.							
86.01	Fibre glass.				16.000 No.			
	16				16.00	58.000	Each	928.00
Total					16.00 No.	58.000	Each	928.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-83/Item-23								
87	Supplying, fitting and fixing procelain toilet paper holder of approved make with wooden spindle as necessary.							
87.01	Roll type size 250 mm X 125 mm.							

Description of Item

Member	Number	Length	Breadth	Height	Quantity	Rate	Unit	Amount Rs.
	4				4.000 No.			
Total					4.00 No.	293.000	Each	1172.00
PWD(WB)/SANITARY AND PLUMBING WORKS/Page-81/Item-16								
88	Supplying, fitting and fixing glass shelf with aluminium guard rails.							
88.01	Ordinary type with 5.5 mm sheet glass.							
88.02	450 mm X 125 mm.							
	4				4.000 No.			
Total					4.00 No.	341.000	Each	1364.00

TOTAL AMOUNT	8,81,239.91
18 % GST on Total Amount	1,58,623.18
Sub - Total 1 (Total Amount + GST)	10,39,863.09
3 % Contingency on Sub-Total 1	31,195.89
Sub - Total 2 (Sub - Total 1 + contingency)	10,71,058.98
Labour Welfare Cess 1% on Sub-Total 1	10,398.63
Grand total	10,81,457.61
Say	10,81,458.00
(Rupees ten lakh eighty one thousand four hundred fifty eight) only	

P. Bose
Sub Asst. Engineer
SILIGURI MUNICIPAL CORPORATION

[Signature]
Assistant Engineer
Siliguri Municipal Corporation

[Signature]
Executive Engineer
SILIGURI MUNICIPAL CORPORATION