OFFICE OF THE COUNCILLORS OF MAL MUNICIPALITY

P.O:-MAL,DT:-JALPAIGURI

Estimate for: Construction of Public Toilet Block at Bartholews High School (B.L) at Ward No- 15 under Mal Municipality [As per Model- G], Dist - Jalpaiguri. (UNIT-1)

Sl. No	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm. **PWD Building Works schedule Page - 1, Item -2.a**	18.833	11927.00	%Cum	Rs. 2,246.21
	(b) Depth of excavation for additional depth beyond 1,500 mm. and upto 3,000 mm. but not requiring shoring.				
	1 | 1 | 1.835 | 2.100 | 0.176 | **0.678**	0.678	19238.00	% Cum	Rs. 130.43
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. **[PWD BUILDING WORKS, Page- 14, It. No- 1]**	41.575	324.00	Sqm	Rs. 13,470.30
3	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 codes. River Bazree **[PWD BUILDING WORKS, Page- 24, It. No- 4]**	3.509	3819.94 ~~3710.00~~	Cum	13404.10 Rs. ~~13,018.39~~
4	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 by two coat of polymer based paint, (1st coat after 4 to 5 days of concrete laying and 2 nd coat just before brick masonry work) as directed (cost of water proofing compound & polymer based paint to be paid separately).(Chequering not required over concrete or painted surface). [Note: - Waterproofing as per item 9, polymer based paint as per item 8 (a) of subhead C of Section (C). **[PWD BUILDING WORKS, Page- 47, It. No- 1]**				
	6.556	6.556	196.00	Sqm	Rs. 1,284.98
5	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth **[PWD BUILDING WORKS, Page- 15, It. No- 10]**	6.560	4849.51 ~~4962.00~~	Cum	31812.786 Rs. ~~32,550.72~~
6	Brick work with 1st class bricks in cement mortar (1:6) (b) In superstructure, ground floor **Rate Analysis Enclosed [PWD BUILDING WORKS, Page- 15, It. No- 8]**	12.020	5072.51 ~~5068.00~~	Cum	60971.57 Rs. ~~60,917.36~~
7	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor. **[PWD BUILDING WORKS, Page- 16, It. No- 16] 3rd Corrigenda**	22.996	666.37	Sqm	Rs. 15,323.84
8	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). (a) With earth obtained from excavation of foundation. **PWD Building Works schedule, Page - 1, Item -3.a**	12.430	7754.00	%Cum	Rs. 963.82
9	4 (A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) (B) Do by fine sand. **[PWD BUILDING WORKS, Page- 2, It. No- 4.a] 5th Corrigenda** 11.471	11.471	753.94 ~~753.00~~	%Cum	8648.45 Rs. ~~86.38~~
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No	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
10	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (f) 25 mm to 30 mm shuttering without staging in foundation **PWD Building Works schedule, Page -42, Item- 36.f**	27.405	205.00	Sqm	Rs. ~~5,618.03~~ 5617.00
11	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (When the height of a particular floor is more than 4 m the equivalent floor height shall be taken as 4 m and extra for works beyond the initial 4 m ht. shall be allowed under 12 (e) for every 4 m or part thereof) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge. **[PWD BUILDING WORKS, Page- 42, It. No- 36. a]**	74.926	328.00	Sqm	Rs. 24,575.73
12	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety **[PWD BUILDING WORKS, Page- 26, It. No- 10. i]**	**13.208**	6008.67	Cum	Rs. 79,362.51
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 bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction (a) For works in foundation and upto roof of ground floor/upto 4 m (i) Tor steel/Mild Steel II. JSW/JSPL/SHYAM/ SRMB/BMASL/ELECROSTEEL/SSL **[PWD BUILDING WORKS, Page- 43, It. No- 40. a.i]**	1.244	58616.43	M.T.	Rs. 72,918.84
14	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 including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement (ii) 25 mm. thick **3rdCORRIGENDA&ADDENDA,Dated:04.06.2018,Page22 of96,PWD(WB), S.O.R.Volume- I :BuildingWorksw.e.f. 01/11/2017, Item No.-6, Page No. - 48**	28.79	262.77	Sqm	Rs. ~~7,563.83~~ 7565.15
15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. **PWD Building Works schedule, P-192, It. No. 15 (Rate Analysis)**	20.76	32.83	Sqm	Rs. 681.55
16	Labour for Chipping of concrete surface before taking up Plastering work. **PWD Building Works schedule, P-192, It-1**	74.93	21.00	Sqm	Rs. 1,573.45

o	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
17	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (i) With 1:6 cement mortar (c) 15 mm thick plaster **[PWD BUILDING WORKS, Page- 189, It. No- 1.]**	216.61	138.65	Sqm	Rs. 30,033.39
18	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (i) With 1:6 cement mortar (c) 15 mm thick plaster **[PWD BUILDING WORKS, Page- 189, It. No- 1.]**	23.768	138.65	Sqm	Rs. 3294.3 ~~3,295.43~~
19	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to safisfy IS: 4020 door testing performance criteria.. (i) 66mm x 90mm **PWD Building Works schedule, P-115, It - 3 (i)**	19.80	497.00	Mtr	Rs. 9,840.60
20	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. In ground floor. (ii) 32 mm thick **[PWD BUILDING WORKS, Page- 125, It. No- 14.ii]**	6.30	2763.00	Sqm	Rs. 17,406.90
21	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws . (vii) 225mm long x 10mm dia. bolt. **PWD Building Works schedule, P-144, It No. 26 (vii)**	8.00	84.00	Each	Rs. 672.00
22	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. (viii) 100mm X 75mm X 3.50mm. **PWD Building Works schedule, P-140, It No. -5 (viii)**	12.00	66.00	Each	Rs. 792.00
23	Anodised aluminium decorative handle (hexagonal / fluted) of approed quality fitted and fixed complete. (i) 150mm plate x 10mm dia rod x 12mm hexagonal/fluted. **PWD Building Works schedule, Page -146 . Item no-31.(i)**	8.00	87.00	Each	Rs. 696.00
24	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with concrete bolt and round fitting. .b)250mm long. **PWD Building Works schedule, Page -141 . Item no-10 b)**	4.00	159.00	Each	Rs. 636.00
25	(A) Supplying Aluminium casted body hydraulic door closer as per I.S.I. SOR, **PWD, P- 244, I - 13**(a)	4.00	635.00	Each	Rs. 2,540.00
26	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) In Ground Floor **PWD Building Works schedule, PWD, P- 198, I - 5** 46.648	46.648	122.00	Sqm	Rs. 5,691.06
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	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
27	Acrylic Distemper to interior wall, ceilingwith a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothning of surface. Two Coats **PWD(WB), S.O.R. Volume- I : Building Works w.e.f. 01/11/2017, Item No.-10, Page No. - 196**	46.648	70.00	Sqm	Rs. 3,265.36
28	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or cencrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. In Ground Floor: (b) Two Coats **[PWD BUILDING WORKS, Page- 196, It. No- 8..b]**	77.506	45.10	Sqm	Rs. 3,495.52
29	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) a) Normal Acrylic Emulsion **[PWD BUILDING WORKS, Page- 197, It. No- 17.c]**	77.506	67.00	Sqm	Rs. 5,192.90
30	Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In ground floor. **P-106 Item-18**	4.830	3773.00	Sqm	Rs. 18,223.59
31	(a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr. **PWD Building Works schedule, P-104 Item-13 A (i) (3rd Corrigendam Page No 91)**	1.440	10021.00	Qntl	Rs. 14,430.24
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. **PWD Building Works schedule, P/200 Item-1(a)**	23.445	29.00	Sqm	Rs. 679.91
33	(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 : (b) On steel or other metal surface : (iv) Two coats (with any shade except white) **PWD Building Works schedule, P-200 Item-2(b)(iv)** 23.445 Same as priming on grill #####	23.445	79.00	Sqm	Rs. 1,852.16

	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
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 with IS:13630 [Non- modular sizes for tiles with Skid resistance > 0.5, Mohr's hardness > 5.0, Staining resistance: Class-1, Water Absorption: E < 0.5%], MOR > 35 N/sq.mm in Internal area of building e.g. Toilet Block, Passage, Corridor, Accessible Open Terrace etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sqm or using Polymerised Adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per Sqm below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles/ epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with 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 direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor). b) In Ground Floor: Sizes-600 mm x600mm x10 mm with breaking strength >1500 N **3rd CORRIGENDA & ADDENDA, Dated: 04.06.2018, Page 80 of 96, PWD(WB), S.O.R. Volume - I : Building Works w.e.f. 01/11/2017, Item No.-1, Page No. - 280**	17.62	1589.00	Sqm	Rs. 27,998.18
35	Supplying, fitting & fixing best quality digital printed Ceramic tiles in coloured decorative on walls and floors to match with the existing work & 4 nos. key stones (10mm) fixed with adhesive 4.5 mm thick at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. With polymerised adhesive and epoxy grout pointing including spacer - 2mm (When tiles are laid over existing hard ready surface) all complete as per direction of Engineer-in-charge. **PWD(WB), S.O.R. Volume - I : Building Works w.e.f. 01/11/2017, Item No.-39, Page No. - 68**	68.57	1060.00	Sqm	72684.20 Rs. ~~72,678.90~~
36	Supplying& laying 20 mm designer chequered tiles of any shade and of approved quality as per IS: 1237: 1980 laid in patterns as directed in pavement, footpath including necessary underlay 25 mm thick average cement mortar (1:3) complete in all respect with all labour and materials [using cement slurry @ 4.4 kg/Sq.m at back side of tiles. Cement of mortar & slurry will be supplied by the Department. Border concrete if necessary to be paid separately]. **3rd CORRIGENDA & ADDENDA, Dated: 04.06.2018, Page 37 of 96, PWD(WB), S.O.R. Volume - I : Building Works w.e.f. 01/11/2017, Item No.-47, Page No. - 74**	4.00	825.00	Sqm	Rs. 3,300.00
37	Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, facia etc. with 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging, curing and roughening of concrete surface complete. Area of each Granite slab ≤ 0.6 square metre. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling @ 1.8 kg/sq.m] **3rd CORRIGENDA & ADDENDA, Dated: 04.06.2018, Page 34 of 96, PWD(WB), S.O.R. Volume - I : Building Works w.e.f. 01/11/2017, Item No.-32, Page No. - 62)**	7.433	2313.00	Sqm	Rs. 17,192.53
		7.433			

	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
38	Supplying, fitting and fixing 18 mm thick marble partition slab with chawk doongri marbel square cut, both sides polished with two front corners rounded and edges polished. **Sanitary and plumbing work schedule P-81, It-13**	2.16	1426.00	Sqm	Rs. 3,080.16
39	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. iv) 5mm thick coloured / tinted / smoke glass. **PWD Building Works schedule, P-243, I -9**	0.27	585.00	Sq.M.	Rs. 157.95
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 presticide and fertilizer etc. . i) Furcaria veriegated 10-12 leaves in height 20-30cm in earthen pots of size 25cm. **PWD Building Works schedule, Page -261, It- 9 (i)**	12	162.00	Each	Rs. 1,944.00
41	x) Ficus blakii (F. Vivicon) well branched (Bushy) of height 120cm - 135 cm in earthen pot of size 30cm. PWD Building Works schedule, Page -261, It- 9 (x)	9	187.00	Each	Rs. 1,683.00
42	xxvi) Areca Palm 4 - 5 suckers of height 90 cm to 105 cm in earthen pots of size 25 cm. **PWD Building Works schedule, Page -261, It- 9 (xxvi)**	6	127.00	Each	Rs. 762.00
43	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. a) With 'P' trap (with vent) **PWD S&P Schedule, page-79, item no -3 (a)**	4	3104.00	Each	Rs. 12,416.00
44	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (b) Anglo Indian (i) Plastic (hallow type) black **[SANITARY AND DRAINAGE WORKS, Page- 81, It. No- 10. b.i]**	4	371.00	Each	Rs. 1,484.00
45	Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete. (i) 635 mm X 395 mm X 420 mm **[SANITARY AND DRAINAGE WORKS, Page- 80, It. No- 6. i**	3	2869.00	Each	Rs. 8,607.00
46	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. (Payment of concrete will be paid seperately). (i) 450 mm X 350 mm **PWD S&P Schedule, (P - 80, Item. No. - 7 ,**	2	881.00	Each	Rs. 1,762.00
47	Supplying, fitting and fixing 10 litre porcelain low-down cistern of approvedmakewitheither sideor bottominlet, sideoverflow, brackets complete with all internnal PVC fittings. White **[SANITARY AND DRAINAGE WORKS, Page- 36, It. No- 1]**	4	2297.00	Nos	Rs. 9,188.00
48	Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete. i) Polythene Flush Pipe **PWD S&P Schedule, Page no 81. Item no. 11(i)**	4	155.00	Each	Rs. 620.00
49	Supplying, fitting and fixing urinal flush pipe fittings of approved brand. (a) C.P. urinal flush pipe fittings range of one **PWD S&P Schedule, S.P.81,item-12/a**	3	414.00	Each	Rs. 1,242.00

	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
50	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., mending good all damages and painting the brackets with two coats of approved paint. (ii) 630 mm X 450 mm size **PWD S&P Schedule, P-41, It 2 (iii)**	2	3260.00	Each	Rs. 6,520.00
51	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., (iii) 600 mm long **PWD S&P Schedule, Page No.-43 Item No.-9-iii PWD,**	7	107.00	Each	Rs. 749.00
52	Supplying,fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (iv) 1050 mm long each **PWD S&P Schedule, Page No.-43 Item No. 10-iv**	7	91.00	Each	Rs. 637.00
53	(f) Hand Shower(Health Faucet) with 1mtr Fexible Tube with Wall Hook(Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar). **PWD S&P Schedule, Page No.-3 Item No.- 3 f,**	4	1251.00	Each	Rs. 5,004.00
54	(ii) 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) **[SANITARY AND DRAINAGE WORKS, Page- 6, It. No- 7. a.ii]**	4	659.00	Each	Rs. 2,636.00
55	(b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar **PWD S&P Schedule, Page No.-6 Item No.-7-b-i**	4	493.00	Each	Rs. 1,972.00
56	Supplying, fitting and fixing shower of approved brand and make. (ii) Chromium plated round shower with revolving joint (Equivalent toCode No. 541(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand). **PWD S&P Schedule, Page No.-3 Item No.-3- a-ii**	2	360.00	Each	Rs. 720.00
57	(iii) Chromium plated shower arm 240 mm long (Equivalent to Code No. 536(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand). **Page No.-3 Item No.-3-a-(iii), PWD,VOL-II , 2017-18**	2	309.00	Each	Rs. 618.00
58	Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand). **PWD S&P Schedule, Page No.-6 Item No.-7-d-i,**	12	815.00	Each	Rs. 9,780.00
59	Supplying, fitting and fixing pillar cock of approved make. a) (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand). **(P. No. - 45, Item. No. - 19(a)i, Pwd Sanitary Plumbing Schedule 2017)**	2	555.00	Each	Rs. 1,110.00
60	Supplying, fitting and fixing PVC pipes of approved make 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, bend, tee, union, cross, elbo, nipple, longscrew, 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. Payment for painting will be made seperately) (a) For Exposed Work PVC Pipes, 25 mm **Page No.-12 Item No.-19-i(a), PWD,VOL-II , 2017-18**	35	177.00	Mtr	Rs. 6,195.00

	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
61	(a) (a) For Exposed Work PVC Pipes, 15 mm **Page No.-12 Item No.-19-i(a), PWD,VOL-II , 2017-18**	20	101.00	Mtr	Rs. 2,020.00
62	(b) For Concealed Work PVC Pipes, 15 mm **Page No.-12 Item No.-19-i(b), PWD,VOL-II , 2017-18**	20	137.00	Mtr	Rs. 2,740.00
63	Supplying and fitting fixing of gunmetal wheel valve of approved brand and make tested to 21 Kg per sq. cm. 25 mm dia(E5) **PWD S&P Schedule, P-5 It-5,vii),**	3	778.00	Each	Rs. 2,334.00
64	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity **PWD S&P Schedule, page.37,item no-6 (b)**	2	5128.00	Each	Rs. 10,256.00
65	Labour for hoisting plastic water storage tank. (i) Upto 1500 litre capacity. (a) Upto 1st story from G.L. **PWD S&P Schedule, page.37,item no-10 (i)(a)**	2	96.00	Each	Rs. 192.00
66	Labour for punching hole in plastic water storage tank upto 50 mm dia. **PWD S&P Schedule, (P. No. - 38, Item. No. - 13**	4	19.00	Each	Rs. 76.00
67	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.(A) (i) Single Socketed 3 Meter Length, (b) 110 mm **PWD S&P Schedule, Page No.-68 Item No. 23,(A)(i)(b)**	30	292.00	Mtr	Rs. 8,760.00
68	(B) Fittings (i) Coupler, (b) 110 mm	15	85.00	Each	Rs. 1,275.00
69	(ii) Plain Tee, (b) 110 mm	12	85.00	Each	Rs. 1,020.00
70	(iii) Door Tee, (b) 110 mm	9	195.00	Each	Rs. 1,755.00
71	ix) Bend 45º, (b) 110 mm	9	89.00	Each	Rs. 801.00
72	xi) Door Bend (T.S.), (b) 110 mm	7	147.00	Each	Rs. 1,029.00
73	xvi) Pipe Clip, (b) 110 mm	30	21.00	Each	Rs. 630.00
74	xvii) W.C. Connector (150 mm long) 125 X 110(W/WC Ring) 75 mm	6	142.00	Each	Rs. 852.00
75	xxxi) Plain Floor Trap with Top tile & Strainer 75 mm	6	144.00	Each	Rs. 864.00
76	L) Rubber Ring, (b) 110 mm	30	17.00	Each	Rs. 510.00
77	C)Rubber Lubricant 500 ML	5	187.00	500 ML	Rs. 935.00
78	D)Solvent Cement 250 ML	5	103.00	250 ML	Rs. 515.00
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 total pipeline including specials. (B) Under ground, (ii) 110 mm dia. **PWD S&P Schedule, (P. - 74, Item. No. - 24 (B)**	30	84.00	Mtr	Rs. 2,520.00
80	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete. A) UPVC Pipes: (i) 75 mm. Dia. **(P. - 212, Item. No. - 21 (A)(i) , (B),(c),(i) & (B), (d),(i), Pwd volume-i, 2017)**	12	188.00	Mtr	Rs. 2,256.00
81	B) UPVC Fittings: c) Bend 87.5 degree (i) 75 mm. Dia.	4	84.00	Mtr	Rs. 336.00
82	B) UPVC Fittings: d) Shoe (i) 75 mm. Dia.	4	78.00	Mtr	Rs. 312.00

	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
83	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials. i) With Pakur variety.(OTHER MANUFACTURES NOT SPECIFIED) **7th CORRIGENDA & ADDENDA, Dated: 22.01.2020, Page 1 of 7, PWD(WB), S.O.R. Volume - II : Sanitary & Plumbing Works w.e.f. 01/11/2017, Item No. - 1, Page No.- 87**	3	6450.00 ~~6648.00~~	Each	19350.00 Rs. ~~19,944.00~~
84	Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) 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 (1:1.5:3) top slab with necessary fittings, 20mm 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 100 mm thick R.C.C(1:1.5:3) bottom slab including supplying, fitting and fixing all necessry specials, fittings, S.W. tees, C.I. foot rest etc. including excavation earth in all sorts of soil, shoring, bailing out and pumping out water as necessary, ramming, dressing the bed and fefilling the sides of the tanks 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 @ 0.5% by weight of cement with all costs of labour and materials. Note:- (i) Finished level of Septic Tank should be 400 mm. from Ground Level. (ii) Height of 50 mm Ventilation pipe &Mosquito proof mesh, should be follwed as per IS:2470,Part-I.Payment will be made separetly on the basis of actual height based on relevant I.S.Code. **7th CORRIGENDA & ADDENDA, Dated: 22.01.2020, Page 3 of 7, PWD(WB), S.O.R. Volume - II : Sanitary & Plumbing Works w.e.f. 01/11/2017, Item No. - 3, Page No.- 88** (iii) For 30 users	1	57530.00 ~~58772.00~~	Each	57350.00 Rs. ~~58,772.00~~
85	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 (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. and 6 mm thick cement plaster (1:4) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of the well with brick metal (50 mm to 63 mm size) including R.C.C. cover slab of 100 mm thick with cement conc (1:1.5:3) with stone chips with necessary reinforcement and shuttering including one 560 mm dia. R.C.C. manhole cover (heavy type)of approved make supplied, fitted and fixed in the cover slab with necessary fittings, making nacessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the exess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia. **7th CORRIGENDA & ADDENDA, Dated: 22.01.2020, Page 6 of 7, PWD(WB), S.O.R. Volume - II : Sanitary & Plumbing Works w.e.f. 01/11/2017, Item No. - 4, Page No.- 89** **For-OTHER MANUFACTURES NOT SPECIFIED)**	1	15554.00 ~~15451.00~~	Each	15554.00 Rs. ~~15,451.00~~
86	Supplying, fitting and fixing towel rail with two brackets. (a) C.P. over brass (ii) 25 mm dia. and 600 mm long **PWD S&P Schedule, p No 82 I No- 22 (a)(ii)**	4	430.00	Each	Rs. 1,720.00
87	Supplying, fitting and fixing cast iron raised rain proof tank cover 500 mm dia. with locking arrangements (weighing not less than 12 kg). **PWD S&P Schedule, . page-37,Item no -8**	1	1263.00	Each	Rs. 1,263.00

No	Item Description & Item No.	Quantity	Rate	Unit	Amount(Rs.)
88	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 **PWD S&P Schedule, P-81, It-15(ii)**	4	484.00	Each	Rs. 1,936.00
89	Supplying, fitting and fixing soap holder. (b) Fibre glass **Sanitary and plumbing work schedule P-82, It-18(b)**	16	58.00	Each	Rs. 928.00
90	Supplying, fitting and fixing porcelain toilet paper holder of approved make with wooden spindle as necessary. (i) Roll type size 250 mm X 125 mm (A5) **Sanitary & Plumbing works p No 83 I No- 23 9i)**	4	293.00	Each	Rs. 1,172.00
91	Supplying, fitting and fixing glass shelf with aluminium guard rails. (a) Ordinary type with 5.5 mm sheet glass (i) 450 mm X 125 mm **Sanitary and plumbing work schedule P-81, It-16(a)(i)**	4	341.00	Each	Rs. 1,364.00
	Rs 802159.47 **Sub Total Of (A)**			**Rs.**	**7,95,624.15**
	Rs 72194.35 **Add S.G.S.T. @**		**9%**	Rs.	71,606.17
	Rs 72194.35 **Add C.G.S.T. @**		**9%**	Rs.	71,606.17
	Rs 946548.17 **Cost Of Civil & Sanitary Work**			**Rs.**	**9,38,836.49**
	Rs 9465.48 **Add L.W.C. @**		**1%**	Rs.	9,388.36
	Rs 956013.65 **Total payable Amount Including L.W.C.**			**Rs.**	**9,48,224.85**
	Rs 28396.44 **Add Contengency @3%**			Rs.	28,165.09
	Rs 984410.09 **Total payable Amount Including L.W.C. and contengency**			**Rs.**	**9,76,389.94**
	Rs 984410.00 **Say Rs.**			**Rs.**	**9,76,390.00**

~~RUPEES NINE LAKH SEVENTY-SIX THOUSEND THREE HUNDRED NINETY ONLY~~.

30/6/25
Junior Engineer
Jalpaiguri Division M.E.Dte.

Nirman Roy.
SUB-ASSISTANT ENGINEER
MAL MUNICIPALITY
May be vetted
30/06/2025
Assistant Engineer
Jalpaiguri Division M.E.Dte.

Chairman
Mal Municipality
Vetted
30/06/25
Executive Engineer
Jalpaiguri Division M.E. Dte