

**ESTIMATE FOR CONSTRUCTION OF PUBLIC TOILET (PT) AT~ RAIGANJ GOVT. MEDICAL COLLEGE, IN WARD NO.-20, UNDER RAIGANJ MUNICIPALITY.
TOILET SEAT 7 NOS, URINAL 10 NOS.**

MODLE NO.- E

SL. NO	Item Description & Item No.	Nos	L	B	H	Qty	Total Quantity	Rate	Unit	Ammount
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									
	Column	12	1.200	1.200	1.000	17.280				
	Ramp	2	2.500	0.375	0.150	0.281				
	=	1	1.000	0.375	0.150	0.056				
	Boundary wall	2	14.000	0.500	0.375	5.250				
		1	10.500	0.500	0.375	1.969	24.836	11927.00	%Cu.m	2962.19
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). (a) With earth obtained from excavation of foundation. PWD Building Works schedule, Page - 1, Item -3.a $1/3 \times 24.836 = 8.279 \text{ m}^3$						8.279	7754.00	%Cum	641.95
3	(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) PWD Building Works schedule, Page - 2, Item -4.a									
		1	7.750	7.400	0.325	18.639	18.639	48741.00	Cu.m	9084.83
4	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 schedule, Page- 14, Item - 1 (Corri. Page-01, Date-04-06-2018)									
		12	1.200	1.200		17.28				
		2	2.500	0.375		1.88				
		1	1.000	0.375		0.38				
		2	14.000	0.500		14.00				
		1	10.500	0.500		5.25				
		2	1.500	1.000		3.000				
		1	7.750	7.400		57.35	99.130	324.00	Sqm	32118.12
5	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. a) Pakur Variety /Chandil Variety PWD Building Works schedule, p-26 Item 10 a (Rate Analysis)									
		12	1.200	1.200	0.150	2.592				
	$4 \times 3 \times (1.20 \times 1.20) + (0.250 \times 0.250) / 2 \times 0.150 = 1.352 \text{ m}^3$					1.352				
		12	0.250	0.250	3.000	2.250				
		8	3.325	0.250	0.250	1.663				
		9	2.250	0.250	0.250	1.266				
		8	3.325	0.250	0.150	0.998				
		9	2.250	0.250	0.150	0.759				
		1	7.750	7.400	0.125	7.169	18.048	5868.25	Cu.m	105910.18
6	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering in ground floor and foundation. (a) 1:3:6 proportion. $99.13 \text{ M}^2 \times 0.100 = 9.913 \text{ M}^3$ PWD Building Works schedule, P-26 Item 10 a (Rate Analysis)						9.913	4242.83	m3	45890.62

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 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 schedule, Page -47, Item -1 (Rate Analysis)								
		3	7.750	0.250		5.81			
		2	7.400	0.250		3.70	9.510	200.01	Sqm 1902.10
8	125 mm brick work 1st class in cement mortar (1:4) in ground floor. PWD Schedule Pg no- 16 It no- 16 Corri- page 3 date 04.06.2018 (rate analysis)								
		5	1.200	3.000		18.00			
		3	1.000	3.000		9.00	27.000	674.33	Sq.M. 18206.91
9	Supplying and laying polythine sheet (150 gm/sq.m) over dampproof course or below flooring or roof terracing or foundation or foundation trenches. PWD Building Works schedule, Page -47, Item-3							24.00	Sq.M. 557.04
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								
		6	7.750	0.250		11.63			
		8	7.400	0.250		14.80			
		48	1.200	0.150		8.64	35.070	205.00	Sqm 7189.35
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) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge. PWD Building Works schedule, Page -42, Item- 36.a								
		1	7.750	7.400		57.35			
		2	7.700	0.125		1.93			
		2	7.400	0.125		1.85			
		24	0.550	3.000		39.60			
		6	7.750	0.125		5.81			
		6	7.400	0.125		5.55	112.090	328.00	Sqm 36765.52
12	Artificial stone in floor ,dado, staircase etc with cement mortar (1:2:4) with stone chips lsied in panels as directed with topping made with ordinary or white cement (as necessary) and marbel dust in proportion (1:2) in cluding 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 using gray cement (ii) 25 mm PWD Building Works schedule, p-48 Item 6(II)								
		1	7.750	7.400		57.35	23.210	256.00	Sqm 5941.76

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 , JSPL/SWAYN/ELETRO/STEEL PWD Building Works schedule, Page - 43, Item - 40.a.i.1(Corri. 10th Page-01, Date-23-01-2020) (Rate Analysis) Item no , vol of conc. 18.048 x 1.20 % = 0.2166 m ³ x 35.315 c.ft = 7.649c.ft x 225 kg = 1721.00 kg = 1.721 MT						1.721	59196.66	M.T.	101877.45
14	Collapsible gate with 40 mm x 10 mm x 6 mm Tee as top and bottom guide rail , 20 mm x 10 mm x 2 mm vertical channels 100 mm apart in full stretched position 20m x 5 mm MS flats as collapsible bracings properly reveted and washered including 38 mm steel roller including locking arrangements , fitted and fixed in position with lugs set in cement concrete including cutting necessary hikes chasing etc in walls , floors etc and making good all damages . PWD Building Works schedule, Page -106, Item- .18 2 x 1.00 x 2.10 = 4.20 m ²									
		2	2.100	1.000		4.20	4.200	3773.00	Sqm	15846.60
15	Brick work with 1st class bricks in cement mortar (1:4) (a) Foundation and plinth ground floor PWD Building Works schedule, Page -15, Item-7.a (Rate Analysis)									
		3	7.750	0.250	0.600	3.488				
		2	7.400	0.250	0.600	2.220				
		2	2.500	0.250	0.600	0.750				
		2	1.000	0.500	0.300	0.300				
	Boundry wall	2	14.000	0.375	0.225	2.363				
		1	10.500	0.375	0.225	0.886	10.006	5172.40	Cu.m	51755.03
16	Brick work with 1st class bricks in cement mortar (1:4) (b) superstructure ground floor PWD Building Works schedule, Page -15, Item-7.b (Rate Analysis)									
		3	7.750	0.250	3.000	17.438				
		2	7.400	0.250	3.000	11.100	28.538	5395.40	Cu.m	153973.93
17	Labour for Chipping of concrete surface before taking up Plastering work. PWD Building Works schedule, P-192, It-1						57.35	21.00	Sqm	1204.35
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 schedule, P-189 It- No. 1 (Rate Analysis)									
		2	7.750	3.750		58.13				
		2	7.400	3.750		55.50				
		2	7.750	3.000		46.50				
		2	7.400	3.000		44.40				
		22	1.200	3.000		79.20				
		20	1.600	3.000		96.00				
		4	14.000	1.500		84.00				
		2	10.500	1.500		31.50	495.230	157.14	Sqm	77820.44
19	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] (ii) With 1:4 cement mortar (c) 10 mm thick plaster PWD Building Works schedule, P-189 It- No. 1 (ii)(c) (Rate Analysis) 7.75 x 7.400 = 57.35 m ²									

	1	7.750	7.400	57.35	57.350	126.48	Sqm	7253.63
	Neat cement punning about 1.5 mm thick in wall, dado, window sills, floors etc. Note cement 0.152 m ³ /100 m ² PWD Building Works schedule, P-192 It- No. 15							
	2	11.000	0.750	16.50				
	4	14.000	0.750	42.00				
	1	7.400	0.750	5.55				
	2	7.750	0.750	11.63	75.680	32.72	Sqm	2476.25
21	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 monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria. (i) 66mm x 90mm PWD Building Works schedule, P-115, It - 3 (i) 10 (2x2.10 + 0.75) = 49.50							
	20	2.10		42.00				
	10	0.75		7.50	49.50	497.00	M	24601.50
22	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 monolithic 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) 25 mm thick P-125, It- 14(ii) 10 x 2.10 x 0.75 = 15.75 m ²							
	10	2.100	0.750	15.75	15.750	2581.00	Sqm	40650.75
23	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)							
					10.00	84.00	Each	840.00
24	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)							
					30.00	66.00	Each	1980.00
25	Anodised aluminium decorative handle (hexagonal / fluted) of approved 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)							
					20.00	87.00 84.00	Each	1740.00
26	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)							
					10.00	159.00	Each	1590.00
27	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 - 5 526.73 + 57.35 = 584.08							
					584.08	122.00	Sqm	71257.76
28	Supplying and laying chequered tiles of any shade and of approved quality with (1:1.5:3) cement concrete laied in pannels or patterns as directed in pavement ,footpath etc including necessary underlay 25 mm thick (avg)cement mortar (1:3) complete in all respect with all labour and materials. (Using cement slurry @4 4kg/sq m at back side and @2.4 kg/sq m for joint filling). PWD Building Works schedule, Page -74 , Item no- 46(i). 25 mm thick							
	2	1.500	1.500	4.50				
	2	1.000	2.125	4.25				
	2	14.000	1.500	42.00				
	1	10.500	1.500	15.75	66.500	467.00	Sqm	31055.50
						473.00		31454.50

29	Applying interior grade Acrylic Primer of approved quality and brand on plastered and concrete surface old or new surface to receive Distemper Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the E-I-C (Ground Floor) (b) Two Coats PWD Building Works schedule, Page -74, Item no- 46(i) . $90.90 + 79.20 + 84.00 - 186.28 = 67.83$					67.83	4420.00	%m2	2998.09
30	Dry Destempering interial walls or ceiling including cleaning, washing, smoothening surface (b) two coats PWD Building Works schedule, Page -196, Item no- 9(b) .					67.83	49.00	m2	3323.67
31	Applying exterior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Decorative Textured (Martt Finish) or Smooth Finish Acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC in Ground Floor (b) two coats. PWD Building Works schedule, Page -196, Item no- 8(b) $113.63+84.00 +63.00 = 260.63$ m2					260.63	45.10	m2	11754.41
32	Protective and Decorative Acrylic Exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over Acrylic primer as required. The rate includes cost of materials, labour, scaffolding and all incidental charges but excluding the cost of primer in ground floor (two coats)(a) normal acrylic emulsion. PWD Building Works schedule, Page -197, Item no- 17(a) $113.63+84.00 +63.00 = 260.63$ m2					260.63	67.00	m2	17462.21
33	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. PWD Building Works schedule, Page -200, Item no- 1 (b)					6.35	38.00	Sqm	241.30
34	(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 : Page - 200 . Item no- 1 (b) (a) On timber or plastered surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white) PWD Building Works schedule, Page -200 . Item no- 2(A)(a)(iv)					6.35	81.00	Sqm	514.35
35	(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) $10 \times 0.600 \times 0.600 = 3.60$ m2 $2 \times 2.00 \times 0.750 = 3.00$ m2 $= 6.60 \times 10.00$ kg = 66.00 kg = 0.6 qtl					0.660 0.651	10021.00	Qntl	6526.08 6523.67
36	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) $10 \times 0.600 \times 0.600 = 3.60$ m2 $2 \times 2.00 \times 0.750 = 3.00$ m2								
		10	0.600	0.600	3.60				
		2	2.000	0.750	3.00	6.600	29.00	Sqm	191.40
37	(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) $10 \times 0.600 \times 0.600 = 3.60$ m2 $2 \times 2.00 \times 0.750 = 3.00$ m2								
		10	0.600	0.600	3.60				
		2	2.000	0.750	3.00	6.600	79.00	Sqm	521.40

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. . i) Furcaria variegated 10-12 leaves in height 20-30cm in earthen pots of size 25cm. PWD Building Works schedule, Page -261, It- 9 (i)						4.00	162.00	Each	648.00
47	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)						3.00	187.00	Each	561.00
48	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)						3.00	127.00	Each	381.00
SANITARY AND PLUMBING WORKS										
49	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)						7.00	3104.00	Each	21728.00
50	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) White PWD S&P Schedule, page-81,item no 10.b.i						7.00	371.00 465.00-	Each	2597.00 2660.00-
51	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 (ii) 470 mm X 280 mm X 340 mm PWD S&P Schedule, page.80,item no-6(ii)						6.00 4.00	945.00	Each	3780.00
52	Supplying, fitting and fixing 18 mm thick marbel partition slab with chawk doongri square cut, both sides polished with two comers rounded and edges polished. PWD S&P Schedule, P-84 It-13), 5 x 1.20 x 0.600 = 3.60 m2						3.60	1426.00	m2	5133.60
53	Supplying fitting and fixing squatting plate with integrated flushing in white vitreous set in cement concrete (6:3:1) with jhama chips complete. (Payment of concrete will be paid seperately) (I) 450 mm x 350 mm						4.00	881.00	each	3524.00
54	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc. PWD S&P Schedule, Page No.-36 Item No.-2,						7.00	1015.00	each	7105.00
55	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)						10.00 8.00	155.00	Each	1240.00
56	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						10.00 8.00	414.00	Each	3312.00
57	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) 550 mm X 400 mm size PWD S&P Schedule, P-41, It 2 (ii)						6.00	2208.00	Each	13248.00
58	Supplying fitting and fixing pedestal of approved make for wash basin (White) PWD S&P Schedule, P-41, It 3						6.00	1497.00	Each	8982.00
59	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,						10.00	107.00	Each	1070.00

60	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					8.00	91.00	Each	728.00
61	(f) Hand Shower(Health Faucet) with 1mtr Flexible 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,					8.00	1251.00	Each	10008.00
62	(a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand). PWD S&P Schedule, Page No.-6 Item No.-7-a-i					15.00	539.00	Each	8085.00
63	(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					15.00	493.00	Each	7395.00
64	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,					8.00	815.00	Each	6520.00
65	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)					8.00	555.00	Each	4440.00
66	Supplying, fitting and fixing PVC pipes of approved make 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, 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 accessories, 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					45.00	177.00	Mtr	7965.00
67	(a) (a) For Exposed Work PVC Pipes, 15 mm Page No.-12 Item No.-19-i(a), PWD,VOL-II, 2017-18					20.00	101.00	Mtr	2020.00
68	(b) For Concealed Work PVC Pipes, 15 mm Page No.-12 Item No.-19-i(b), PWD,VOL-II, 2017-18					20.00	137.00	Mtr	2740.00
69	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),					4.00	778.00	Each	3112.00
70	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)					2.00	5128.00	Each	10256.00
71	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)					2.00	96.00	Each	192.00
72	Labour for punching hole in plastic water storage tank upto 50 mm dia. PWD S&P Schedule, (P. No. - 38, Item. No. - 13					4.00	19.00	Each	76.00
73	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)					50.00	292.00	Mtr	14600.00
74	(B) Fittings (i) Coupler, (b) 110 mm					16.00	85.00	Each	1360.00
75	(ii) Plain Tee, (b) 110 mm					20.00	85.00	Each	1700.00

91	Construction of circular sunk 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 necessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia. (Other than SAIL/TATA/RINL) S.P.89, Item No-4 7th Corrigena Volume ii						1.00	16621.00	Each	15662.00 46621.00
92	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 1 No-22 (a)(ii)						16.00	430.00	Each	6880.00
93	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)						6.00	484.00	Each	2904.00
94	Supplying, fitting and fixing soap holder. (b) Fibre glass Sanitary and plumbing work schedule P-82, It-18(b)						10.00	58.00	Each	580.00
95	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)						5.00	341.00	Each	1705.00
							Total =		1497109.07	1612887.56
							Add S.G.S.T. @	9%	134747.91	145159.88
							Add C.G.S.T. @	9%	134747.91	145159.88
							Cost Of Civil Work		1766694.82	1903207.32
							Add Labour.Welfare.Cess. @	1%	17666.95	19032.07
							Total Amount Including Labour.Welfare.Cess.		1784361.77	1922239.39
							Add Contengency @3%	53530.85	57667.18	
							Total Amount Including L.W.C. and contengency		1837892.62	1979906.57
							Say Rs.		1837892.62	1979907.00

354/S4/AM/35PL/SPMB/1.Ro fronted/32

MAY BE VETTED

21.05.25
Sub-Assistant Engineer
Raiganj Municipality
Uttar Dinajpur

21/5/25
Junior Engineer
Dinajpur Division
M.E. Directorate
Deptt. of U.D.M.
Govt. of West Bengal

21.05.2025
Assistant Engineer
Dinajpur Division
M.E. Directorate
Deptt. of U.D.M.A.
Govt. of West Bengal

21/5/25
Chairperson
Bord of Administrators
Raiganj Municipality

VETTED
21.05.25

Executive Engineer
Dinajpur Division
M.E. Directorate
Deptt. of U.D.M.A.
Govt. of West Bengal

**SUPPLY OF NON SCHEDULE ITEMS FOR CONSTRUCTION OF PUBLIC TOILET (PT) AT~ RAIGANJ
GOVT. MEDICAL COLLEGE, IN WARD NO.-20, UNDER RAIGANJ MUNICIPALITY.**

Toilet Seats - 7 Nos. Urinal 10 Nos. MODLE NO.- E

SL.N	Item Description & Item No.	Quantity	Rate	Unit	Amount
1	Non Shedule Item Sl. No. 91-106 (Order as per SUDA) standard plastic dustbin (12lits)	5	350	Each	1750.00
2	Sinage APC based & Reflective vinyl	5	3776	each	18880.00
3	Supplying and fixing sinage with fixing stand post for public toilet for visible to passersby	5	1000	Each	5000.00
4	Glow Sign board Name and contact details of the following are displayed prominently - Toilet Identification number , name of ULB under which jurisdiction toilet is coverwd , ward number and maintainance authority prominently displayed for each toilet block supervisor, supervisor's agency and area sanitary inspector.	1	5000	each	5000.00
5	Installation of Sinage	1	2071	each	2071.00
6	Air freshner(pack of 4nos)	8	216	Each	1728.00
7	Air freshner (Napthaline 250 gm)	5	210	Each	1050.00
8	Supplying paper Napkin	5	50	Each	250.00
9	Supplying Sanitary Napkin (Whisper or similar make 50 pcs)	4	520	Each	2080.00
10	Harpic (blue 500 ml)	4	300	Each	1200.00
11	Harpic (Red 500 ml)	4	150	Each	600.00
12	Gala double lip floor wiper	4	350	Each	1400.00
13	Colin glass or surface cleaner	2	200	Lit	400.00
14	Muriatic Acid	2	145	Lit	290.00
15	Bleaching powder	4	120	Kg	480.00
16	Dettol ,lifeboy or similar make liquid soap	8	140	Lit	1120.00
17	Rubber hand gloves	6	80	Pair	480.00
18	Double side plastic brush	6	125	Each	750.00
19	Plastic Broom	4	170	Each	680.00
20	SMS/any otherICT based feedback system (With number displayed on which SMS has to be sent)	1	5000	each	5000.00
21	Mini Tulu Pump	1	4000	each	4000.00
22	supplying roaster /register for keeping account of regular cleanig	3	200	Each	600.00
23	Lettering on Toilet Wall for display of name and contact details of ULB ward number and name of maintainance authority , saniinspector, etc.	1	1000	each	1000.00
				Rs.	55809.00
	Add for Labour welfare Cess @ 1 %			Rs.	558.00
			Total	Rs.	56367.00
	Add for Contingency @ 3 %			Rs.	1674.00 (1691.01)
			TOTAL	Rs.	58041.00-58058.10

MAY BE VETTED

21-05-2025
Sub-Assistant Engineer
Raiganj Municipality
Uttar Dinajpur

23-05-2025
Assistant Engineer
Dinajpur Division
M. E. Directorate
Deptt of U.D.M.A.
Govt. of West Bengal

21
Chairperson
Bord of Administrato
Raiganj Municipality

VETTED

23-05-25
Executive Engineer
Dinajpur Division
M. E. Directorate

7

NAME OF WORK:- ESTIMATE FOR ELECTRICAL WORK OF SEATED PUBLIC/COMMUNITY TOILET AT RAIGANJ GOVT. MEDICAL COLLEGE IN WARD NO. - 20 UNDER RAIGANJ MUNICIPALITY OF WEST BENGAL (MODEL NO - E).

* As per PWD & I & WD schedule district charges will be applicable on PWD & I & WD schedule items

* No district charges will be applicable on non-schedule items

Sl No.	Iteam Description	Unit	Quantity	Rate	Amount
1	Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire(Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Piano Key type switchfixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph & N" copper bar incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. 175mmx100mmx65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish. [PWD Schedule Page No-E-14 Iteam No-2a] Average run 5 mtr.	Point	21	654.84	13751.64
2	Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to 5A 3 pin flush type plug socket & Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. painting the MS box and mending good the damages to original finish On Board (only for pay counter) [PWD Schedule Page No-E-15; I-4a]	Point	1 2	71.69	71.69 143.38
3	Supplying and fixing 240V 32A Double Pole AC Type 30mA RCCB.(Complete Set) (ISI marked) [Make- Legrand] (Cat No 4113/95) [Legrand Page No-92]	Nos	1	5942.00	5942.00
4	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC [PWD Schedule Page No-E-14 Iteam No-1a(ii)]	mtr	40 20	127.33	5093.20 2546.60
5	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. a) For (2+4 way) (Make -Havells) (2+6) way [PWD Schedule Page No-D-9;Iteam No-13]	No	1	1000.45 1148.11	1000.45 1148.11
6	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection 6-32A SP MCB (Make -Havells) [PWD Schedule Page No-D-6;Iteam No-7]	Nos	6	179.76	1078.56
7	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection. 40A DP MCB Isolator (Make -Havells) [PWD Schedule Page No-D-5;Iteam No-6]	No	1	222.56	222.56
8	Supply of TMC501 conventional industrial batten (Philips make) LED Tube,model no- TMC501 P1xT-LED 22W P3241 (WB I & WD schedule P-113, I- 5:3 F.22)	Nos	5	464.53	2322.65

Sl No.	Item Description	Unit	Quantity	Rate	Amount
9	Fixing only single/twin fluorescent light fitting complete with all accessories directly on wall/ceiling by screws etc. [PWD Schedule Page No-C-2;Item No-14a]	Nos	5	92.02	460.10
10	Supply & fixing Bulk head light fittings with die cast aluminium housing frosted/clear glass on wall/ceiling incl S/F 9 watt LED Lamp complete set. [Make - Havells] [PWD sch - Page-D-13, I-23]	Nos	9	694.53	6250.77
11	Supply & fixing smart bright street light complete with all accessories to be fixed from the wall of building or on pole incl. making holes /providing clamping arrangement & necy. GI reducer as required.S&F 40 mm GI Pipe 1.5 mtr average length & s&f necy length of 1.5 sqmm pvc insulated single core copper wire & making connections as required & mending good damages incl wall painting. (30 Watt) (Make - Bajan) [WB I&WD sch P-111, I-1.9.0.2]	No	1	3106.48	3106.48
12	Supply of 9" domestic metal exhaust fan 9" (225mm)SWEEP. TRANS AIR - (Make-Crompton/Havells/Bajan) (UD & MA schedule P-14, I-5))	Nos	4	1863.00	7452.00
13	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter: 22.5 cm (9") [PWD Schedule Page No-C-4;Item No-28(a)]	Nos	4	264.29	1057.16
14	Fixing only louver shutter/cowl on wall with necy. bolts & nuts (6 mm dia x 62 mm long) For 22.5 cm(9") Exhaust fan. [PWD Schedule Page No-C-4;Item No-30(a)]	Nos	4	87.74	350.96
15	Supply of 240V A.C Ceiling Fan (48" sweep,1200 mm complete) [Make-Crompton] for counter only] (UD & MA schedule P- 23, I- 70)	Each	1	2283.00	2283.00
16	Fixing only Ceiling Fan [PWD sch P- C-3, I-21(a)]	Each	1	70.62	70.62
17	Supply & Fixing 240 V, 16/20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board incl. S & F 100x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required. (For Hand Dryer machine) [PWD sch P- E-6, I-17(b)]	Each	2	215.07	430.14
18	S/F 240V 25A Modular type starter (brand approved by EIC)with 25 A. Modular switch DP MCB (C-Curve)and 4 Module G.I. Moduar type switch board with 4 Module Top Cover Plate flushed in wall incl. S/F switch board and Cover Plate and making necy. Connections with PVC Copper wire and earth connectivity wire etc. as per schedule [for Pump] [PWD Schedule Page No-E-19, Item No-17] (Please follow in details)	Nos	1	838.88	838.88
19	Supply and Fixing of 2 mm Polyvinyl glow sign board made of 22 SWG GI sheet box with 1"X1" aluminum channel for fixing the vinyl board after necessary cutting the letter as required & s&f LED tube light fittings along with all accessories. (16 sqft @495.00/sqft) (UD & MA schedule P-14, I-4)	No	1	7920.00	7920.00

SI No.	Item Description	Unit	Quantity	Rate	Amount
20	Supply, and fixing of 1 HP self Priming pump: Make- KSB, Peribloc-1. (UD & MA schedule P-44, I-34)	No	1	6377.00	6377.00
21	Earthing installation by GI earth Spike (1830 X 20 mm) including 8SWG GI EarthWire & GI nuts, bolts, washer etc.	No	1	450.00	450.00
Total				64202.61	66,529.86
Say Rs.				11556.54	66,530.00
Add 18% GST				11556.54	11,975.00
Total With GST (A)				75759.54	78,505.00
Cess@1%				757.59	785.00
total				76517.13	79,290.00
Contingency Amount on "A"				2272.78	2,355.00
(Total+GST)=Rs:				78789.91	81,645.00
				Contingency@3%	2,355.00
				Total	81,645.00
				Say Rs.	81,645.00
Service Connection Charges as per Quotation					

Say Rs. 78,790.00

[Signature]
28.04.25
S.A.E. (Elec.)
Raiganj Municipality

[Signature]
Chairperson
Board of Administrators
Raiganj Municipality

Technically Vetted Rs.: 78,790.00
(Rupees SEVENTYEIGHT THOUSANDS
EVEN HUNDRED NINETY ONLY.)

[Signature]
22.05.25
Junior Engineer
Electrical & Mechanical Division
SUDA

[Signature]
22.5.25
ASSISTANT ENGINEER
ELECTRICAL & MECHANICAL DIVISION
SUDA

[Signature]
23/5/25
Executive Engineer (E/M)
O/O the Secretary in. E. Dte.
Government of West Bengal