

Electrical estimate for construction of Community Toilet at Chakdaha Bayam Sikhsa Kendra in Ward 08 under Chakdaha Municipality

Model- F (Toilet Seat - 2, Nos and Urinal - 3 Nos)

* 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

ADD

Sl No.	Iteam Description	Unit	Quantity(a)	Rate(b)	Rate 3% incl. District Charge $c=(axb) \times 3\%$	Amount (axb)+c
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 switch fixed 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. Average run 5 Mtr. [PWD Schedule Page No-E-14 Item No-2a]	Points.	12	612.00	220.32 630.36	7564.32
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	67.00	2.01 69.01	138.02 69.01
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]	No.	1	5942.00	0.00	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 Item No-1a(ii)]	Mtr.	10	119.00	35.70 122.57	1225.70
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) [PWD Schedule Page No-D-9;Item No-13]	No.	1	935.00	28.05 963.05	963.05

Sl. No.	Item Description	Unit	Quantity(a)	Rate(b)	Rate 3% incl. District Charge $c=(axb) \times 3\%$	Amount (axb)+c
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;Item No-7]	Nos.	4	168.00	20.16 173.04	692.16
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;Item No-6]	No.	1	208.00	6.24 214.24	214.24
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.	3	451.00	40.59 455.51	1393.59 1366.53
9	Fixing only single/twin fluroscent light fitting complete with all accessories directly on wall/ceiling by screws etc.. [PWD Schedule Page No-C-2; Item No-14a]	Nos.	3	86.00	7.74 88.58	265.74
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.	3	644.00	57.96 671.37	1989.96 2014.11
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 paingting. (30 Watt) (Make - Bajaj) [WB I&WD sch P-111, I-f.9.0.2]	No.	1	3016.00	90.48 3046.16	3106.48 3046.16
12	Supply of 9" domestic metal exhaust fan 9" (225mm)SWEEP. TRANS AIR - (Make-Crompton/Havells/Bajaj) (UD & MA schedule P-14, I-5)	Nos.	3	1863.00	0.00	5589.00
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(b)]	Nos.	3	247.00	254.41 22.23	763.23
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(b)]	Nos.	3	82.00	7.38 84.46	253.38
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	68.49	2283.00 2351.49
16	Fixing only Ceiling Fan. [PWD sch P- C-3, I-21(a)]	Each.	1	66.00	67.98 1.98	67.98