

Office of the Executive Engineer

Civil Construction Division

Dhaka WASA.

Estimate

Name of the Work: Reconstruction work at toilet of DPD Room of DSIP at 11th Floor, Dhaka WASA.

Sl. No. (1)	Group (2)	Ref. of Rate (3)	Description of Item (4)	Unit (5)	Quantity (6)	Rate (7)	Amount (Tk) (8)
1	Civil	32.5.1.2	Dismantling of unserviceable/damaged brick works (with cement or lime mortar) of thickness 75/125 mm in foundation and superstructure and removal of debris to a safe distance.	sqm	2.651	62.001	164,365
2	Civil	4.16	125 mm brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:4) and making bond with connected walls including necessary scaffolding, raking out joints, cleaning and soaking the bricks for at least 24 hours before use and washing of sand, curing at least for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) In ground floor.	sqm	2.649	1,408.001	3729.795
3	Civil	15.1.1	Minimum 12 mm thick cement sand (F.M. 1:2) plaster (1:4) with fresh cement to both inner and outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor	sqm	5.297	315.001	1668.560
4	Civil	32.2.2	Picking-up of unserviceable tiles including bonding mortar from floor, walls and dado etc. and removal of debris to a safe distance.	sqm	8.434	61.001	514.482
5	Civil	6.2.7	Supplying, fitting and fixing country made mirror polished homogeneous floor tiles complying BDS ISO 13006: 2015, water absorption $\leq 0.5\%$, modulus of rupture (MOR) ≥ 27 N/mm ² , irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1:2) mortar (1:4) base and raking out the joints with white cement including cutting and laying the tiles in proper way and finishing with care etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) In ground floor.GP Mirror Polished (Double Charge) 600 mm x 600 mm floor tiles.	sqm	2.788	2,193.001	6114.087
6	Civil	6.7.1	Supplying, fitting and fixing country made rustic or matt finished wall tiles complying BDS ISO 13006: 2015, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1:2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M). In ground floor.Matt or rustic wall tiles less than or equal to 300 mm x 600 mm size.	sqm	5.646	1,966.001	11100.042

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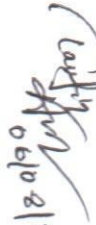
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Sl. No (1)	Group (2)	Ref. of Rate (3)	Description of Item (4)	Unit (5)	Quantity (6)	Rate (7)	Amount (Tk) (8)
7	Civil	22.13	Supplying, fitting and fixing of the best quality any size uPVC plastic door shutter with frame having specific gravity of 1.35 - 1.45, panel wall thickness 2.4 mm-2.76 mm, shutter/panel thickness 37.5 mm & weighing 27.00 kg/m ² and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards and cosmetic /Foam /aristocrat or equivalent standards of different sizes uPVC plastic door shutter with uPVC plastic frame (frame size:150mm x 62.50mm) fitting - fixing in brick wall/ R.C.C wall with at least 3 Nos. SS hinges by min 64 Nos. O 3.17 mm and 3.97 mm 12.7 mm long rivets, 24 nos. 25.4 mm SS screws, O 9.38 mm, 150 mm long SS tower bolts 2 nos., 146 mm SS handle by rivet, 6 Nos. G1 clamp, 6 Nos. G.I inner joint, 234.95 mm x 127 mm clamp, 76.2 mm x 57.15 mm, including making necessary grooves and mending good the damages, finishing, curing, local carriage etc . ~~complete in all respect and accepted by the Engineer-in-charge~~ Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling with surface preparation including cleaning drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying necessary interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in-charge.	each	1.000	6,867.001	6867.001
8	Civil	16.2.1	CONCEALED CONDUIT WIRING Concealed conduit wiring for following point looping at the switch board with earth terminal including circuit wiring with IC-2x1.5 sq.mm PVC insulated and sheathed stranded cable (BYM) & 1.5 sq.mm PVC insulated green/white coloured ECC wire (BYA) through Cables manufactured by Eastern Cables Ltd or equivalent approved by the Engineering-in-Charge.a) Light/ Exhaust or Wall bracket Fan Point.	sqm	33.550	258.001	8655.934
9	ele	1.1.6.1	Providing & fixing 250 volts, 5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size 18 SWG galvanized plain sheet / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3") depth. All electrical contacts shall be of brass / copper. MADE IN ENGLAND / GERMANY / JAPAN / USA or EU countries Three gang switch.	each	2.000	1,372.001	2744.002
10	ele	4.12.1.3		nos	1.000	1,458.001	1458.001

Sl. No.	Group	Ref. of Rate	Description of Item	Unit	Quantity	Rate	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
11	ele	6.6.1.8	Providing & fixing the 4' x 40 watt tube light fittings with superior quality electronic driver of one year guarantee, holder, necessary wiring with 2 X 0.4 sq. mm PVC insulated (stranded) flexible FR wire, earth terminal etc. (except lamp). The fittings shall be suitable for use of LED lamp and complete sample to be accepted / approved by the Engineer-in-charge (with 2 years warranty). Light source 20W LED T-8 tube Material: MS Sheet, Alu Sheet L-1582mm B-80mm H-85 Gloria cat no-GTF-875x 1x 20 W Energy+EPIL-43004 Cosmo Cat no-BDTCL-TLF-10 Asha Cat no-ACS-TLS-1199 Crescent-CTL-S-94x2x40 Watt or equivalent.	nos	2.000	1,387.001	2774.002
12	ele	1.9.1.2	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYN) & Green / White colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to relevant IEC / BDS / BS / VDE standards and as per detailed specification mentioned in Annexure-I. The work shall be carried out as per direction & approval of the Engineer. 1C - 2x2.5 sq. mm (BYA) with 2.5sqmm (BYA) ECC wire	m	13.5714	280.001	3800.006
Total Tk =							49,590.281

In Word: Forty Nine Thousand Five Hundred Ninety Point Two Eight One Taka Only.


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 Sub-Assistant Engineer
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