

# DHAKA WATER SUPPLY & SEWERAGE AUTHORITY

Office of the Executive Engineer

Civil Maintenance Division

Dhaka WASA, Dhaka

6th floor, WASA Bhaban

98 Kazi Nazrul Islam avenue, Dhaka.

**Name of the Work: Supply, fitting fixing window net grill and others ancillary maintenance works at asadgate staff and asad avenue officers quarter, Dhaka WASA.**

| Sl. No. | Item No.         | Description of the item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quantity | Unit | Rate      | Amount     |
|---------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-----------|------------|
| 1       | PWD-22<br>10.21  | Supply and installation of 0.457 mm thick corrugated galvanized iron sheet (Bangladesh made) having min weight 63-65 kg per bundle (2'-6" width, 70 – 72 ft long) fitted and fixed on M.S. sections with 'J' hook or wooden purlin with screws, limpet washers and putty etc. (up to level-4) all complete and accepted by the Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 23.234   | sqm  | 578.000   | 13429.252  |
| 2       | PWD-22<br>13.6   | Supplying, fitting and fixing veranda grill made of 10 mm dia M.S. rod provided @ 100 mm c/c in any position both ways as per design with outside frame 25 mm x 25 mm x 6 mm M.S. angle including fabricating, welding in each point, painting a coat of anti-corrosive painting (Red-Oxide), including cost of electricity, tools and plants, workshop charges, carriage of the same including cutting grooves in the R.C.C. or brick work, mending good the damages with C.C. (1:1.5:3) etc. complete for all floors accepted by the Engineer-in-charge. (Total weight per sqm should be approx. 17 kg and add or deduct @ Tk. 100.00 for each kg/sqm excess or less respectively)                                                                                                                                                                                                                                                         | 41.822   | sqm  | 2473.670  | 103453.827 |
| 3       | PWD-22<br>4.1    | Brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:6) in foundation and plinth, filling the joints/interstices fully with mortar, racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity and other charges and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.274    | Cum  | 7529.120  | 9592.099   |
| 4       | PWD-22<br>18.6.2 | Supplying, fitting and fixing Wall Almirah with one side drawer and Another side shelf of Depth-1'-8" made by 18 mm B.T Veneered/ B.T. ply/ B.T marine ply board on 2.50"x2.50" (Finished) Ctg. Teak Wooden Outer Frame, 1.50" x 1.50" (Finished) Ctg. Teak wooden frame for shelf, 1.5" x 1.5" (Finished) Ctg. Teak wooden edge bit around the shutter, backside covered by the 18mm garjan Ply board, 2 nos standard handle for shutter & 4 nos standard lock for shutter and drawer, and including all necessary accessories for fitting & fixing all complete and accepted by the engineer-in-charge. All Ctg. teak wood frames must be protected from termites, cockroach and other insects. (Rate is excluding cost of polish/ paint etc. of any type).                                                                                                                                                                                |          |      |           |            |
|         | 18.6.2.2         | Wall Almirah with one side drawer and Another side shelf made of 18 mm B.T ply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.976    | sqm  | 31314.000 | 30562.464  |
| 5       | PWD-22<br>16.2.1 | 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-incharge. | 286.522  | sqm  | 258.000   | 73922.676  |
| 6       | PWD-22<br>12.21  | Supplying, fitting and fixing mortice door lock with lever handle of approved quality including all necessary tools and accessories etc. all complete approved and accepted by the Engineer-in-charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |      |           |            |
|         | 12.21.1          | Standard Quality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5.000    | nos  | 1242.000  | 6210.000   |

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| 7  | PWD-22<br>6.6   | Supplying, fitting and fixing country made glazed 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 cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M). In ground floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |      |          |           |
|    | 6.6.3           | Wall tiles more than 250 mm x 400 mm & less than or equal to 300 mm x 600 mm in sizes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11.152 | sqm  | 1845.000 | 20575.440 |
| 8  | PWD-22<br>6.18  | Marble stone flooring with Indian superior quality marble stone of approved quality complying accepted National/ International standards, texture and size with 25 mm thick cement sand (50% F.M. 1.2 and 50% F.M 2.2) mortar (1:2) including placing cement slurry below the stone, cutting the marble stone to desired size, grinding and finishing the edges, setting in position in proper level, filling the gaps with white cement and colouring pigments including supplying all necessary equipments/materials and finishing the top by pumice stone and necessary auxiliary materials and water, electricity and other charges complete in all respect and accepted by the Engineer in charge. (Cement: CEM-II/B-M)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |      |          |           |
|    | 6.18.1          | 18 mm thick marble stone flooring<br>In ground floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.673  | sqm  | 8606.000 | 14397.838 |
| 9  | PWD-22<br>26.13 | Supplying of country made glazed vitreous W/H wash basin of any color including pedestal. The sanitary ware shall conform BDS1162:2014. The glaze shall be thoroughly fused to body. The minimum thickness of body at any section shall be 5 mm. When assembled together and when examined from a distance of 60 cm, the outer surface shall not show to the unaided eye, blemishes or defects in excess of those listed in BDS standard. The mean value of water absorption shall not be greater than 0.5% of the ware when dry. When tested with chemical solutions (Acetic acid, Citric acid, Detergent, Hydrochloric acid, Sodium hydroxide, Sodium stearate and Sulfuric acid of various strength) as per BDS1162:2014 procedure, none of the test pieces should suffer any loss of reflectivity on the glaze. There shall be no crazing and no stain on the ware. The materials used for making glaze shall not contain lead compound. In case of certain coloring oxides used for making colored glaze, the lead content, if any, shall not exceed 5 percent of the weight of the glaze materials. Appliances shall be clearly and indelibly marked at a prominent place, visible even after the appliances are installed with the following: a) manufacturer's name and/or registered trademark, b) the number of Bangladesh standard and c) country of origin. Each product shall also be marked with the BSTI Certification Mark.<br><br>The fixture should be placed in position with heavy type C.I. Brackets. 30 mm dia PVC waste water pipe with brass coupling (not exceeding 750 mm in length), basin waste with chain plug including making holes in walls and floors and fitting with wall, screws and mending good the damages, finishing etc. all complete approved and accepted by the Engineer-in-charge. |        |      |          |           |
|    | 26.13.19        | Approx. 665 x 490 mm, minimum weight 29.5 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.000  | each | 7626.000 | 7626.000  |
| 10 | PWD-22<br>26.31 | Supplying, fitting and fixing of best quality pillar cock made from copper or copper alloy, chromium plated materials.<br>The faucet conforms BDS EN 200:2009. The faucet tap shall be free from any leakage, permeation and other abnormalities. The water hammer value shall be 1.47 Mpa or under. The faucet after it has been operated 100000 times it shall be free from a seat- leakage and shall satisfy the reverse flow preventing performance. The inside and outside surfaces of the faucet shall be smooth and be free from blowholes, fissures, remarkable flows or injurious defects. The chromium plating on the faucet shall be of class 2 grade 1. The final coating should be done with chromium of minimum 0.1 micron.<br>The faucet shall be made leak proof and fixing in position with selected tape etc. all complete approved and accepted by the Engineer- in- charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |      |          |           |
|    | 26.31.3         | CP Single lever pillar cock (High top 8")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4.000  | each | 3069.000 | 12276.000 |

H.R.

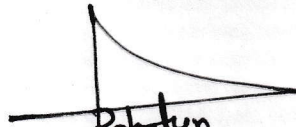
Rahman

Paul

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|----|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-----------------|------------|
| 11 | PWD-22<br>26.30 | Supplying, fitting and fixing of best quality surface mounted or conceal stop cock/angle stop cock (lever or round headed) with wall flange chromium plated. The faucet conforms BDS EN 200:2009. The faucet tap shall be free from any leakage, permeation and other abnormalities. The water hammer value shall be 1.47 Mpa or under. The faucet after it has been operated 100000 times it shall be free from a seat- leakage and shall satisfy the reverse flow preventing performance. The inside and outside surfaces of the faucet shall be smooth and be free from blowholes, fissures, remarkable flows or injurious defects. The chromium plating on the faucet shall be of class 2 grade 1. The final coating should be done with chromium of minimum 0.1 micron.<br>The faucet shall be made leak proof and fixing in position with selected tape etc. , all complete approved and accepted by the Engineer- in- charge. |       |      |                 |            |
|    | 26.30.2         | 20 mm dia CP Concealed Stop Cock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4.000 | nos  | 1202.000        | 4808.000   |
| 12 | M/R             | Electrical fitting fixing & line repair.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.000 | Item | 3000.000        | 3000.000   |
|    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |      | Total : TK.     | 299853.596 |
|    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |      | Say Total : TK. | 299854.000 |

In word: Two lac ninety nine thousand eight hundred fifty four taka only

  
 20/09  
 2023  
 মোহাম্মদ রিয়াজুল ইসলাম  
 উপ-সহকারী প্রকৌশলী  
 সি এম বিভাগ  
 ঢাকা ওয়াশা

  
 20.07.23  
 রাহাত উন নবী  
 সহকারী প্রকৌশলী  
 সি এম বিভাগ  
 ঢাকা ওয়াশা।

  
 20.07.23  
 মুক্তা সাহা  
 নির্বাহী প্রকৌশলী  
 সিএম বিভাগ  
 ঢাকা ওয়াশা।