

Dhaka Water Supply and Sewerage Authority

OFFICE OF THE EXECUTIVE ENGINEER

MODS ZONE-7

ESTIMATE

Name of Work :

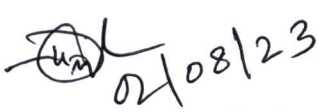
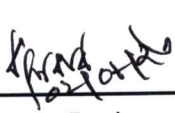
Rising, Repairing and Maintenance of boundary wall at Nurpur water pump under MODS Zone-7, Dhaka WASA.

Maintenance Works						
Rate Basis	SL No.	Description Of Work	Qty	Unit	Rate	Price
PWD/Civil-18/2.10.2	1	Sand filling in foundation trenches and plinth with coarse sand having min. F.M. 1.2 in 150mm in layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only etc. all complete and accepted by the Engineer-in-charge. a) $\{(2.60+9.60)+5.48\} \text{ m} \times (3.26 \times 3.36) \text{ m}$ = 66.85 sqm-10.95 sqm = 55.90 sqm X 0.40m = 22.36 cum	22.36	cum	913.001	20414.702
PWD/Civil-18/4.1	2	Brick works with first class bricks in cement sand (F.M. of sand 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/A-M) a) $(5.48 \times 1 \times 0.12) \times 2 \text{ nos} = 1.31 \text{ cum}$ b) $(12.2 \times 1 \times 0.12) \times 2 \text{ nos} = 2.92 \text{ cum}$ c) $(0.25 \times 0.25 \times 1.52) \times 20 \text{ nos} = 1.92 \text{ cum}$ Total : 6.15 cum	6.15	cum	6040.001	37146.006
PWD/Civil-18/15.1	3	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to wall both inner-and outer surface, finishing the corner and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M). Ground floor. a) $\{(5.48 \times 1 \times 2) \times 2 + (12.2 \times 1 \times 2) \times 2 + (0.25 \times 0.25 \times 20 \text{ ns})\}$ Total : 71.97 sqm	71.97	sqm	243.001	17488.782
PWD/Civil-18/15.5	4	Minimum 6 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to ceiling R.C.C. columns, beams, surface of stair case, sunshades, cornices, railings, drop wall, louvers, fins and finishing the corners and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M). Ground floor. a) $(3.260 \times 3.36) = 10.95 \text{ sqm}$ Total : 10.95 sqm	10.95	sqm	225.001	2463.761
PWD/Civil-18/16.3.1	5	Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhlik synthetic enamel/Elite quick drying/Asian decora synthetic enamel or equivalent brand) in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/roller/spray in 2 coats over single coat anti-corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge a) $(0.91 \times 1.07) \times 4 \text{ nos} \times 2 \text{ side} = 7.79 \text{ sqm}$ b) $(2 \text{ nos} \times 0.76 \text{ m}) \times 2 \text{ Side} = 3.04 \text{ sqm}$ c) $(0.60 \times 1.21) \times 15 \text{ nos} \times 2 = 21.78 \text{ sqm}$ Total : 32.61 sqm	32.61	sqm	189.001	6163.323

Rate Basis	SL No.	Description Of Work	Qty	Unit	Rate	Price
PWD/Civil-18/16.13	6	Colour wash with yellow orchard/any other colour pigment by two coats over a prime coat of white wash, lime mixture prepared at least 12 hours before use, slacking stone lime, supplying of gums, blue, stirring thoroughly, removing the floating materials from the mixer, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge.	113.15	sqm.	25.001	2828.863
		a) { 2(12.2+5.48)X1.6 } X2 = 113.15 sqm Total: 113.15 sqm				
PWD/Civil-18/32.79	7	Repairing of steel grill/window frame and shutter/stair railing, veranda grill, rolling shutter excluding the cost of steel materials.	13.49	sqm	739.001	9969.123
		a) (1nos X 2.60m) = 2.60 sqm b) (0.60X1.21)X15 nos = 10.89 sqm Total: 13.49 sqm				
					Total	96474.560

Taka (in Words):

Tk. 96,474.560 (Taka Ninety Six Thousand Four Hundred Seventy Four Point Five Six Zero Only.)

 02/08/23		 02/06/26
Sub-Assistant Engineer	Assistant Engineer	Executive Engineer
MODS Zone-7, Dhaka WASA	MODS Zone-7, Dhaka WASA	MODS Zone-7, Dhaka WASA