

Office of the Executive Engineer

MODS Zone-6, Dhaka WASA

8

Estimate

Urgent Repairing, Maintenance and others ancillary works of different sewer pump house and others under MODS Zone-6, Dhaka WASA.

Sl no	Description of the items	Rate Basis	Quantity	Unit	Unit rate (Tk.)	Amount of Tk
1	2	3	4	5	6	7
1	125 mm brick works with first class bricks in 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.	PWD 2022 civil 4.15	28.00	sqm	1,160.000	32,480.000
2	Mass concrete (1:2:4) in foundation or floor with cement, sand (F.M. 1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc. all complete and accepted by the Engineer.	PWD 2022 civil 3.5.2	9.50	cum	8,840.000	83,980.000
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.	PWD 2022 civil 15.1.1	89.00	sqm	299.000	26,611.000
4	Minimum 6 mm thick cement sand (F.M. 1.2) plaster (1:3) 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.	PWD 2022 civil 15.5	15.00	sqm	293.000	4,395.000
5	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, supply 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.	PWD 2022 civil 16.13	135.12	sqm	28.000	3,783.360

[Handwritten signatures and marks at the bottom of the page]

	terior surface applying as per manufacturer instructions 3 of weather coat of approved quality and colour delivered from authorized local agent of the manufacturer in a sealed container complete in all respect in all floors and accepted by the Engineer.	PWD 2022 civil 16.1.1	135.12	sqm	274.000	37,022.880
7	Supplying, fitting and fixing unglazed homogeneous floor tiles (local made) with 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. (Cement: CEM-II/A-M). GP (homogeneous) 400 x 400 mm floor tiles	PWD 2022 civil 6.1.1	2.31	sqm	1,328.000	3,067.680
8	Supplying, fitting and fixing glazed wall tiles (local made) with on 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 all respect accepted by the Engineer.	PWD 2022 civil 6.6.1	7.02	sqm	1,333.000	9,357.660
9	Manufacturing, supplying fitting and fixing of fixed glazed frame for all floors with outer member of 19 x 19 x 19 x 3 mm Z-section and vertical and horizontal dividers of 19 x 19 x 3 mm T-section including all cost of fabrication and welding, supplying and fixing of 19 x 19 x 3 mm angle clamps of 150 mm length (with one end bifurcated) of required Nos, with the frame, fixing the frame in wall with (1:2:4) cement concrete in the hole for clamp after making necessary grooves, supplying and fixing of 3 mm glass panes with pucca putty, mending good all damages, painting iron face with two coats of synthetic enamel paint over a coat of anti-corrosive priming to approved colour and quality etc. cost of electricity, workshop charges, carriage etc. all complete as per drawing and accepted by the Engineer.	PWD 2022 civil 12.15.1	1.00	sqm	6,768.000	6,768.000
10	Supplying, fitting and fixing window grills of any design made with 20 x 5 mm F.I. bar including fabricating, welding cost of electricity and tools and plants etc. complete for all floors accepted by the Engineer.	PWD 2022 civil 13.1	2.00	sqm	2,610.000	5,220.000
11	Painting to door and window frames and shutters in two coats with approved best quality and colour of synthetic enamel paint delivered from authorized local agent of the manufacturer in a sealed container, having highly water resistant, high bondibility, flexible, using specific brand thinner applied by brass/roller/spray over a coat of priming elapsing time for drying including surface cleaning from dust, oil or dirt, smoothening, finishing and polishing with sand paper and necessary tools, scaffolding, testing charges etc. all complete in all floors approved and accepted by the Engineer.	PWD 2022 civil 16.3.2	8.00	sqm	229.000	1,832.000
12	Supplying and making door steel. Etc	Lumsam	1.00	each	5,000.000	5,000.000
13	Supplying 100 mm inside dia HCI soil, waste and ventilation pipe each piece having over length 1800 mm, thickness 6.5 mm, spigot diameter 117 mm, weight min 24.85 kg fitted and fixed in position with sockets thickness min 6.5 mm, internal depth min 75 mm, bead's outside diameter min 155 mm, ears flange length min 208 mm, caulking clearance min 8 mm produced in foundry grade pig iron as per BSTI approved manufacturer standard fitting and fixing in position including head and shoes bends made of minimum 20 mm x 3 mm F.I. bar or equivalent, trap, tee, offset, clamps and nails etc. complete in all floors accepted by the Engineer.	PWD 2022 civil 26.43	5.00	m	881.000	4,405.000



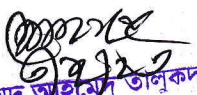


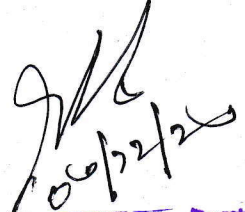


	ation pit of internal size: 525 x 525 mm & depth 675 to 825 (av. 750 mm)	PWD 2022 civil 26.70.2	1.00	nos	5,935.000	5,935.000
15	Supplying, fitting and fixing Bangladesh pattern, 570 x 445 x 290 mm long pan with foot-rest, approx. 12 kg by weight, made of Vitreous China and preparing the base of pan with cement mortar (1:4) and with wire mesh or rods, if necessary in all floors including making holes wherever required and mending good the damages and fitting, fixing, finishing etc. complete with all necessary fittings and connection approved and accepted by the Engineer.	PWD 2022 civil 26.7.1	1.00	nos	2,037.000	2,037.000
16	Supplying, fitting and fixing best quality faucets etc. complete approved and accepted by the Engineer	PWD 2022 civil 26.29.3	1	nos	981.000	981.000
17	Supplying, fitting and fixing 125 mm dia stainless steel floor grating in traps or in drains including making holes in walls/floors and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer.	PWD 2022 civil 26.27.2	1.00	nos	326.000	326.000
18	20 mm dia G.I. Pipe with wall thickness 3.25 mm, outside diameter min 26.6 mm, weight 1.90 kg/m, can withstand min 50 kg/cm ² hydraulic pressure.	PWD 2022 civil 26.42.2	1.00	m	549.000	549.000
19	Dismantling work for floor, patent stone. Etc. (Labour)	Lumsam	2.00	person	500.000	1,000.000
20	Electric wiring work for pump etc.	Lumsam	1.00	job	3,000.000	3,000.000
21	Main Gate repairing work for Pump house. Etc	Lumsam	1.00	job	5,000.000	5,000.000
22	Supply & fixing of the following LED bulbs & tube lamps manufacturers by ENERGY Pac / MEP / GE / TRANSTEC or equivalent brand accepted / approved by the Engineer . 1200 mm / 4'- 18 / 20 watt -T5 AC LED tube Lamp, 220-240 volt	PWD 2022 Ele 6.20.7	1.00	each	380.000	380.000
23	Supplying & fixing AC capacitor type ceiling fan (without regulator) of following specifications and sizes complete with minimum 305 mm (1 ft) long and 0.75 -1.0" dia, 2.3 mm thickness MS pipe down rod, tempered cast aluminum blades, 2.5 µf 400V AC capacitor, canopy, double Z ball bearing, best quality silicon sheet core, best quality copper made super enamel wire, aluminum alloyed casting body having safety pin with powder coated heat / docu paint as required etc. connecting PVC wire complete as required. 1400 mm. (56") Sweep, Input power : Maximum 75 watt. Rated voltage : 220 volts. Rated frequency : 50 Hz. Rated speed : 300 rpm ± 5 % . Service value : Minimum 3.5 m3 / min / watt, Brand : BRB / Superstar/ National/ Energy Pac or equivalent approved by EIC,	PWD 2022 Ele, 21.1.1.1	1.00	each	3,914.000	3,914.000
Total Tk. =						247,044.580

Inworrd: Tk. Two lakh forty-seven thousand and forty-four point ~~one~~ five eight zero only.


মোঃ মোস্তাফিজুর রহমান
 উপ-সহকারী প্রকৌশলী
 মডস জোন-৬, ঢাকা ওয়াসা।


সৈয়দ আহমেদ তালুকদার
 সহকারী প্রকৌশলী
 মডস জোন-৬, ঢাকা ওয়াসা।


মোঃ এমরানুল ইসলাম
 নির্বাহী প্রকৌশলী
 মডস জোন-৬, ঢাকা ওয়াসা।