

Office of the Executive Engineer
MODS Zone-7, Dhaka WASA

Section: 6 (Bill of Quantities with technical specification)

Name of work: Estimate for Rising, repair and maintenance of boundary wall at Shampur Model School pump house under MODS Zone-7, Dhaka WASA

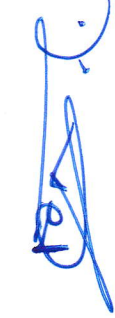
Item No.	Group	Basis of Rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Amount= (6x7)
1	2	3	4	5	6	7	8
1	Civil	4.1	Brick works with first class bricks in cement sand (F.M. of sand 1.2) mortar (1:6) in foundation and plinth, filling the joints/interstices fully with mortar, racking out 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. (Cement: CEM-II/A-M)	cum	1.000	6040.001	6,040.001
2	Civil	4.16	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. (Cement: CEM-II/A-M) In ground floor	sqm	9.072	948.001	8,600.265
3	Civil	15.1	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. (Cement: CEM-II/A-M). Ground floor.	sqm	31.854	243.001	7,740.554







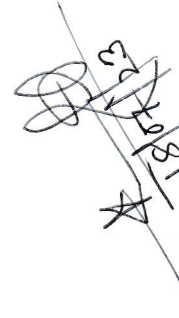
Item No.	Group	Basis of Rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Amount (6x7)
1	2	3	4	5	6	7	8
4	Civil	16.13	Colour wash with yellow orchard/any other colour pigment by two coats over a prime coat of white wash, lime mixture prepared at least 12 hours before use, slacking stone 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.	sqm	31.854	25.00	796.382
5	Civil	16.3.1	Painting to door and window frames and shutters in two coats with approved best quality and colour of standard synthetic enamel paint delivered from authorized local agent of the manufacturer in a sealed container, having highly water resistant, high bondability, 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.	sqm	11.928	189.001	2,254.404





Item No.	Group	Basis of Rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Amount (6x7)
1	2	3	4	5	6	7	8
6	Civil	19.2.1	Supplying, fitting, fixing, and installation of ordinary type M.S. gate (double leaf) of any design and shape with 38 x 38 x 6 mm M.S. Angle outer frame having 16 mm dia M.S. rod placed vertically @ 75 mm c/c. at bottom part and top part (arrows) and also placed horizontally at bottom for interconnection of 16 mm dia M.S. rod placed vertically as per design, the top part covered with 18 BWG M.S. sheet and fixed with 4 Nos. 38 x 6 mm F.I. bars placed diagonally and 4 Nos. 38 x 6 mm F.I. bars placed horizontally and vertically all passing through the center, providing locking arrangements on 3 mm thick M.S. plate one for main gate and one for minimum 300 x 1025 mm pocket gate with 38 x 38 x 6 mm M.S. angle and 16 mm dia M.S. rod placed vertically @ 75 mm c/c, providing 38 x 38 x 6 mm M.S. angle clamps fitted and fixed with the outer frame of the main gate, the clamp being embedded in R.C.C. or R.C.C. core pillar with cement concrete (1:2:4) in masonry including cutting holes and mending good the damages, finishing, curing etc. including riveting, welding as and where necessary, painting two coats with approved quality of synthetic enamel paint over a coat of priming of anti-corrosive paint etc. all complete as per drawing, design and accepted by the Engineer. (Rate is excluding the cost of paint).	meter	11.928	6036.001	71,997.420
7	Civil	M.R	Site cleaning and mobilization	LS	1.000	1500.001	1,500.001
Total Amount =						98,929.027	

Total Amount (in word): Ninety Eight Thousand Nine Hundred Twenty Nine Point Zero Two Seven Taka Only.


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 Dhaka WASA


 মোঃ আফজাল হোসেন
 সাইক্লারী প্রকৌশলী
 মডস জোন-৭
 ঢাকা ওয়াসা


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