

Lot Detail

Lot No. : B 6.6

Lot Description : Repair, Maintenance and Sand filling works at Shantibagh, sobujbagh, Shyampur model School under MODS Zone-7 area, Dhaka WASA.

Priced Bill of Quantities (BOQ)

Unit Rate Basis

Table Name : Estimate by the Procuring Entity

Item No.	Group	Item Code (If any)	Description of Items of Works (specifications preferably built-in)	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen
1	Civil	-	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 0.8 in 150mm layers including leveling, watering and compaction to achieve minimum dry density of 90% 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.	Cum	53.809	1087.931	One Thou	58540.4	Fifty-Eight	.
2	Civil	-	One layer of brick flat soling in foundation or in floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer.	Sqm	18.587	517.611	Five Hund	9620.83	Nine Thous	.
3	Civil	-	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including	Cum	1.416	8839.821	Eight Thou	12517.1	Twelve	.

			breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II/B-M) Mass concrete in floor (1:2:4) with brick chips and local sand of F.M. 1.2."							
4	Civil	-	"38 mm thick artificial patent stone (1:2:4) flooring with cement, best quality coarse sand (50% quantity of Sylhet sand or coarse sand of equivalent F.M. 2.2 and 50% best local sand of FM 1.2) and 12 mm down well graded brick chips including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and curing at least 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	72.491	593.941	Five Hund	43055.3	Forty- Three	.
5	Civil	-	"Supplying, fitting and fixing country made GP(Gress Porcellanato) - glazed homogeneous floor tiles irrespective of color &/or design, with cement sand (F.M. 1.2) mortar (1:4) base and raking out the joints with white cement including cutting and laying the	Sqm	7.667	1526.001	One Thou	11699.8	Eleve n	.

tiles in proper way and finishing with care etc. all complete and accepted by the Engineer.(Cement: CEM-II/A-M). In ground floor GP (homogeneous) 300 x 300 mm floor tiles"

6	Civil	-	Supplying, fitting and fixing M.S. door shutter made with 1.5? x 1.5? x $\diamond$? angle outer frame, innermember 1? x $\diamond$? F.I. bar, cladding with 16 BWG M.S. sheet, hinged with 2? x 2? x $\diamond$? M.S. angle Chowkat.	Sqm	10.734	7630.291	Seven	81903.5	Eighty -One	.
7	Civil	-	"Supplying, fitting, fixing and installation of ordinary type M.S. gate (double leaf) of any design and shape with 38 mm x 38 mm x 6 mm M.S. angle box (made by welding 2 nos. 38 mm x 38 mm x 6 mm angle) outer frame having 25 mm x 50 mm x 25 mm x 5 mm M.S. channel (made by welding 2 nos. of channel) placed part diagonally after cutting and shaping as per requirement, part horizontally @ 75 mm c/c, the two part of each leaf being separated by a vertical member of 38 mm x 38 mm x 6 mm M.S. box and welded the each ends of diagonal and horizontal members properly with the box frame as per architectural drawing providing full locking arrangement on 3 mm thick M.S. plates providing 38 mm x 38 mm x 6 mm M.S. angle clamps, fitting fixing with the outer frame of the gate, the	Sqm	10.883	8865.561	Eight Thou	96483.9	Ninety -Six	.

clamp being embedded in R.C.C. pillars with cement concrete (1:2:4) including. cutting holes and mending good the damages, finishing, curing and where necessary painting two coats with approved quality of synthetic enamel paint over a coat of priming cost of polish/ paint etc. of any type). item is for acoustic work in auditorium, Hall Room, Seminar Room etc.) (Rate is excluding cost of polish/ paint etc. of any type). f necessary)." f

8	Civil	-	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	251.301	299.371	Two Hund	75232.2	Seven ty-	.
9	Civil	-	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall (1:4) with cement up to 150 mm below ground level with neat cement finishing including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per	Sqm	31.041	361.891	Thre e	11233.4	Eleve n	.

drawing and accepted
by the Engineer.
(Cement: CEM-II/A-
M) Ground floor.

10	Civil	-	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	315.985	28.451	Twenty-	8990.08	Eight Thous	.
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11	Civil	-	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,	Sqm	60.781	229.091	Two Hund	13924.3	Thirteen	.
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			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.							
12	Civil	-	"Supplying, fitting and fixing of plastic low-down of any color, on walls or directly over water closet with necessary accessories, making holes wherever required and mending good the damages and fitting, fixing & finishing etc. complete with all necessary fittings and connections approved and accepted by the Engineer- in- charge."	Each	2	2429.511	Two Thou	4859.02	Four Thous	.
13	Civil	-	"Supplying, fitting and fixing of Bangladesh pattern, long pan with foot-rest. 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	Each	3	2687.001	Two Thou	8061.00	Eight Thous	.

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.

The fixure should be placed in position 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 connections approved

and accepted by the Engineer- in- charge.
Approx. 554 X 439. X
249 mm size, minimum
12.5 kg of weight"

14	Civil	-	"Supplying, fitting and fixing of PP-R Pipe for water supply sustaining minimum water pressure PN 20, fullfilling correspondingsstandard dimension ratio SDR meeting the performace & long-tem strength requirements as per DIN 8077 /78 or ASTM F 2983 including nipple, elbow, reducers, Tee, end cap, plug, socket etc as per manufacturer instruction. all complete accepted by the Engineer- in-charge. 12 mm dia, minimum wall thickness 2.8 mm"	Meter	35	322.801	Thre e	11298.0	Eleve n	.
15	Civil	-	"Supplying, fitting and fixing of best quality G.I. gate valve with sealant etc. complete approved and accepted by the Engineer- in- charge. 12 mm brass gate valve"	Each	6	458.921	Four Hund	2753.52	Two Thous	.
16	Civil	-	"Construction of masonry inspection pit with 250 mm thick brick work in cement mortar (1:4) including necessary earth work, side filling and one layer brick flat soling, 75 mm thick (1:3:6) base concrete for making invert channel and 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of 700 mm approved and accepted by the Engineer. Clear 450 x 450 mm and depth 450 to 600 mm,	Each	4	4021.591	Four Thou	16086.3	Sixtee n	.

			average 525 mm for single 150 mm dia R.C.C. pipes and 400 mm PVC pipe."							
17	Civil	-	Providing and fixing of 20 watt Energy Saving light(LED) Fitting of consisting of superior quality holder, 18 SWG Sheet stove evameled base vecessary wiring etc.complete (except lamp) of following model and as per sample approved by the Engineer-in-charge.	Nos	6	320.001	Thre e	1920.00	One Thous	.
18	Civil	-	"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 PVC conduit (Lira brand or equivalent product of other reputed manufacturer) of min. 25 mm dia & 1.5 mm wall thickness complete with 18 SWG GP sheet, switch board and pull box with 3mm thick ebonite sheet cover, 5 amps piano switch, ceiling rose, fixing materials etc. as required including mending the damages good (all electrical contacts shall be of brass/copper). With Cables manufactured by M/S Eastern Cables Ltd. b) Fan point" a) Light point	Nos	8	1443.001	One Thou	11544.0	Eleve n	.
19	Civil	-	b) Fan point	Nos	4	1570.001	One Thou	6280.00	Six Thous	.
20	Civil	-	Supply and fixing of A/C capacitor type	Nos	3	3399.001	Thre e	10197.0	Ten Thous	.

		ceiling fan of following sizes complete with 3048mm (12") long down rod blades, canopy, regulator, connecting PVC wire complete as required, a) 1422.4mm (56?) sweep.							
								Grand Total :	496200.

Tenderer's Quoted Price

Table Name : Tenderer's Quoted Price			
Tenderer shall only quote the offer in percentage within the range of $\pm 5\%$ to the total estimated cost of the proposed work prepared by the PE.			
Total Estimated Cost (BDT)	Percentage (-5% to +5%)	Offered Amount (in figures) (BDT)	Offered Amount (in words) (BDT)
496200.304			
	Grand Total :		