m/s monalisa

Priced Bill of Quantities (BOQ)

Unit Rate Basis

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	-	N/A	Site development/Improvement by carted earth or dredged sand, sandy silt (free from any organic, foreign, environmental hazardous substances) carried by head or by truck or by any other means including cost of cutting or by dredging of sand, sandy silt, all; including local carrying, placing the earth/sand, sandy silt in the designated area, maintaining slopes, breaking lumps, levelling and dressing in layers up to finished level etc. all complete as per direction and accepted by the engineer in charge.	Cum.	6.130	760.001	Seven Hundred and Sixty point Zero Zero One	4658.806	Four Thousand Six Hundred and Fifty-Eight point Eight Zero Six	I have seen
2	-	N/A	Bailing out all source of water from trences cnannel & any other means with all leads & lift by pump or any other means etc. All completed as per direction of the Engineer in charge.	Day	5.000	2141.001	Two Thousand One Hundred and Forty-One point Zero Zero One	10705.005	Ten Thousand Seven Hundred and Five point Zero Zero Five	I have seen
3	-	N/A	Earthwork in excavalion in foundation trenches up to 1.5 m depth and maximum 10 m head	Cum.	11.310	168.001	One Hundred and Sixty-Eight point Zero Zero One	1900.091	One Thousand Nine Hundred point Zero Nine One	I have seen
4	-	N/A	Shore protection work during excavation in foundation trenches beyond 1.5 m depth to protect loss due to damage of property by palisading accepted by the Engineer-in-charge, [The rate is including the cost of vertical post]	Sqm.	55.630	1043.001	One Thousand AND Forty-Three point Zero Zero One	58022.146	Fifty-Eight Thousand AND Twenty-Two point One Four Six	I have seen
5	-	N/A	One layer brick flat soling in foundation or in floor with first class/picked jhama bricks (BDS 208) including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge	Sqm.	7.440	518.001	Five Hundred and Eighteen point Zero Zero One	3853.927	Three Thousand Eight Hundred and Fifty-Three point Nine Two Seven	I have seen

6	-	N/A	50 mm down graded picked jhama khoa consolidation in foundation trenches by mixing the same with best quality local sand (F.M. 1.2) in 2:1 (khoa: sand) proportion to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including breaking and screening chips, laying and spreading in 150 mm layers uniformly and compacting etc. all complete and accepted by the Engineer-in-charge.	Cum.	0.520	5060.001	Five Thousand AND Sixty point Zero Zero One	2631.201	Two Thousand Six Hundred and Thirty-One point Two Zero One	I have seen
7	-	N/A	"125mm Brick works with first class bricks with cement sand (F.M. 1.2) mortar (l:4) and making bond with connected walls including necessary sceffolding. curing at leasl for 7 days elc. all complete including cost of waler, electricity and other charges (measursmenl to given as 250 mm wdth lor one brick lenglh and 375 mm for one bdck and a hall bnc* length) accepted by the Ercineerrn charge. {Cement CEM]lts-M)ln Eound floor"	Cum.	36.600	1185.001	One Thousand One Hundred and Eighty-Five point Zero Zero One	43371.037	Forty-Three Thousand Three Hundred and Seventy-One point Zero Three Seven	I have seen
8	-	N/A	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor.	Sqm.	100.700	316.001	Three Hundred and Sixteen point Zero Zero One	31821.301	Thirty-One Thousand Eight Hundred and Twenty-One point Three Zero One	I have seen
9	-	N/A	Exterior premium acrylic emulsion paint of approved best quality and color with high performance against dirt picking tendency and efflorosence resistence properties along with water resisting properties and resistance properties against fungi, fading and flaking from authorized local agent of the manufacturer in a sealed container; applying to exterior surface 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 exterior sealer of specified brand on prepared surface; then applying necessary exterior putty of	Sqm.	100.700	298.001	Two Hundred and Ninety-Eight point Zero Zero One	30008.701	Thirty Thousand AND Eight point Seven Zero One	I have seen

			sand paper/zero water paper; finally applying 2 coats of exterior 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-in-charge.							
10	-	N/A	Mass concrete in floor (1:2:4) in foundation or in floor, with cemenl, sand (F.M. 1.2) and picked jhama b ck chips induding breaking ol chips screening, mixing, laying, compacting lo requ red level and cur ng for at least 7 days includlng the supply of water, electdcity cosls of lools & planls a nd other charges etc. all complete and accepted by Eng neer-in-chaqe. (Cemenl: CEM]l/B-M) Mass concrete in floor (1:2:4) with brick chips and local sand of F.M.1.2.	Cum.	0.560	8840.001	Eight Thousand Eight Hundred and Forty point Zero Zero One	4950.401	Four Thousand Nine Hundred and Fifty point Four Zero One	I have seen
11	-	N/A	Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.8 in 150 mm 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, all complete and accepted by the Engineer-in-charge.	Cum.	8.600	1167.001	One Thousand One Hundred and Sixty-Seven point Zero Zero One	10036.209	Ten Thousand AND Thirty-Six point Two Zero Nine	I have seen
12	-	N/A	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or any where below cement concrete complete in all respect and accepted by Engineer-in-charge.	Sqm.	57.600	47.001	Forty-Seven point Zero Zero One	2707.258	Two Thousand Seven Hundred and Seven point Two Five Eight	I have seen
13	-	N/A	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having maximum water cement ratio = 0.40 and minimum f'cr = 33.5 MPa, satisfying a specified compressive strength f? c = 25 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type ? I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33 (Aggregate grading as per table	Cum.	4.900	14201.001	Fourteen Thousand Two Hundred and One point Zero Zero One	69584.905	Sixty-Nine Thousand Five Hundred and Eighty-Four point Nine Zero Five	I have seen

			shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper, fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, other charges etc. all complete, approved and accepted by the Engineer-in-charge. Pedeslals, column, column capilal, lift wall and RCC wall up lo ground floor.							
14	-	N/A	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to make the concrete surface true to the designed shape and size by using necessary MS sheets of minimum 16 BWG, angles of minimum size 40 mm x 40 mm x 5 mm, flat bars etc.) and removal of form for: Pedeslal, column, column capital, lift wall and wall up to ground floor.	Sqm.	57.600	522.001	Five Hundred and Twenty-Two point Zero Zero One	30067.258	Thirty Thousand AND Sixty-Seven point Two Five Eight	I have seen
15	-	N/A	Supplying, fabrication and fixing to detail as per design : ribbed or deformed bar reinforcement (excluding laboratory test fees) for Reinforced concrete, produced and marked in accordance with BDS ISO 6935-2:2016 (or standard subsequently released from BSTI) including straightening and cleaning rust, if any, bending and binding in position with supply of G.I. wires,conducting necessary laboratory tests etc. (excluding splices or laps) complete in all respect and accepted by the Engineer-in-charge (Measurement shall be recorded only on standard mass per unit length of bars, while diSupplying, fabrication and fixing to detail as per design : ribbed or deformed bar reinforcement (excluding laboratory test fees) for Reinforced concrete, produced and marked in accordance with BDS ISO 6935-2:2016 (or standard subsequently released from BSTI) including straightening and cleaning rust, if any, bending and binding in	Kg.	764.550	100.001	One Hundred point Zero Zero One	76455.765	Seventy-Six Thousand Four Hundred and Fifty-Five point Seven Six Five	I have seen

			laboratory tests etc. (excluding splices or laps) complete in all respect and accepted by the Engineer-in-charge (Measurement shall be recorded only on standard mass per unit length of bars, while dia of bars exceeds its standard) Grade 400 (B400DWR / B420DWR: complying BDS ISO 6935-2:2016 / ASTM A615) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 480 MPa and whatever is the actual yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 17% and 8% respectively : up to ground floor.							
16	-	N/A	Epoxy enamel paint of approved quality and colour delivered from authorized local agent of the manufacturer in a sealed container; surface preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus (if required must be treated with fungicidal solution) flaking paints, washing the surface with soap water/caustic soda, mending good the surface defects, smoothening the surface by putty, sand papering the surface; applying to Interior concrete surfaces and walls in three coats by brush/roller/spray etc. upto desired finishing;elapsing specified time for drying and recoating; with necessary scaffolding all complete in all floors and accepted by the Engineerin- charge.	Sqm.	22.800	461.001	Four Hundred and Sixty-One point Zero Zero One	10510.823	Ten Thousand Five Hundred and Ten point Eight Two Three	I have seen
17	-	N/A	Supplying, fitting and fixing 12 BWG barbed wire (2 ply, 4 points) in fencing work @ 150 mm c/c both horizontally and vertically, supported by 38 mm x 38 mm x 6 mm M.S. Y-shape angle post (300 mm embedded in R.C.C. or in brick work with a cement concrete base of 75 mm x 75 mm x 300 mm) 600 mm vertical and 450 mm inclined or as per requirement @ 2.4 m c/c including straightening, binding the joints with 18 BWG wire, making holes in the angle etc. including supplying all necessary	Sqm.	22.800	1034.001	One Thousand AND Thirty-Four point Zero Zero One	23575.223	Twenty-Three Thousand Five Hundred and Seventy-Five point Two Two Three	I have seen

			materials complete in all respect and accepted by the Engineer-in-charge. (Rate is excluding the cost of paint, R.C.C /brick work or C.C. which is to be paid as per corresponding items in the schedule).							
18	-	N/A	Supplying of wooden ballah having an average diameter not less than 150 mm (without barks) at one third distance from larger end with a minimum end diameter of 100 mm for retaining purpose and driving to a depth as per design and drawing by any method including all arrangement for staging, hoisting, carrying etc. complete and accepted by the Engineer-in-charge.	M.	120.000	604.001	Six Hundred and Four point Zero Zero One	72480.120	Seventy-Two Thousand Four Hundred and Eighty point One Two	I have seen
19	-	N/A	Making Dhaka WASA Monogram on plaster surface of boundary wall	Nos.	4.000	650.001	Six Hundred and Fifty point Zero Zero One	2600.004	Two Thousand Six Hundred point Zero Zero Four	I have seen
20	-	N/A	"safety measure item (gum boot = 4 pairs, visible vest = 4 nos , helmet = 4 nos, hand gloves = 4 pairs etc) . all complete and accepted by the Engineer-in-charge. "	Item	1.000	3300.001	Three Thousand Three Hundred point Zero Zero One	3300.001	Three Thousand Three Hundred point Zero Zero One	I have seen
							Grand Total:	493240.182	Four Lakh Ninety-Three Thousand Two Hundred and Forty point One Eight Two	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Mir Ahmed on behalf of m/s monalisa

m/s monalisa

Tenderer's Quoted Price

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Total Estimated Cost (BDT)	Percentage (-5% to +5%)	Offered Amount (in figures) (BDT)	Offered Amount (in words) (BDT)
493240.182	-5.000	468578.173	Four Lakh Sixty-Eight Thousand Five Hundred and Seventy-Eight point One Seven Three
	Grand Total:	468578.173	Four Lakh Sixty-Eight Thousand Five Hundred and Seventy-Eight point One Seven Three

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