

M/S. T M Enterprise										
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	Civil	32.6.1.1	Dismantling of R.C.C. beam, lintel, column, drop wall, sun shade from any height and removal of debris to a safe distance.	cum	3.763	3928.001	Three Thousand Nine Hundred and Twenty-Eight point Zero Zero One	14781.068	Fourteen Thousand Seven Hundred and Eighty-One point Zero Six Eight	I have seen
2	civil	32.5.1.1	Dismantling of unserviceable/damaged brick works (with cement or lime mortar) of thickness 250 mm in foundation and superstructure and removal of debris to a safe distance.	cum	6.560	538.001	Five Hundred and Thirty-Eight point Zero Zero One	3529.287	Three Thousand Five Hundred and Twenty-Nine point Two Eight Seven	I have seen
3	Civil	32.5.1.2	Dismantling of R.C.C. Railing of any kind, jally brickwork, and hollow block wall from any height and removal of debris to a safe distance.	sqm	209.482	62.001	Sixty-Two point Zero Zero One	12988.093	Twelve Thousand Nine Hundred and Eighty-Eight point Zero Nine Three	I have seen
4	Civil	10.34	Supply, fabrication, installation and taking out of 1.2 m high temporary safety fencing at different floor during construction work around the outer periphery of building or around the punch in the floor slab for safety of the worker during construction, which shall be made of 10mm dia MS Rod @ 450mm C/C both way welded at each point together with	sqm	208.178	380.001	Three Hundred and Eighty point Zero Zero One	79107.848	Seventy-Nine Thousand One Hundred and Seven point Eight Four Eight	I have seen

			a 12mm Dia MS Rod as top rail drilled anchored to the floor and sides as necessary all complete and accepted by the Engineer-in-charge(Salvage materials shall be the contractors property after completion of work.).							
5	Civil	02.1.5	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer?s approval shall not relieve the contractor of his responsibilities and obligations under the contract. Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft / saturated / organic clayey soil / soil of semi-liquid state.	cum	183.178	168.001	One Hundred and Sixty-Eight point Zero Zero One	30774.087	Thirty Thousand Seven Hundred and Seventy-Four point Zero Eight Seven	I have seen
6	Civil	02.10.1	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 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	cum	88.466	1088.001	One Thousand AND Eighty-Eight point Zero Zero One	96251.096	Ninety-Six Thousand Two Hundred and Fifty-One point Zero Nine Six	I have seen

			the design office only, all complete and accepted by the Engineer-in-charge.							
7	Civil	03.1.1	One layer brick flat soling in foundation or in floor with first class/picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge	sqm	68.309	636.001	Six Hundred and Thirty-Six point Zero Zero One	43444.592	Forty-Three Thousand Four Hundred and Forty-Four point Five Nine Two	I have seen
8	Civil	03.7	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	68.309	47.001	Forty-Seven point Zero Zero One	3210.591	Three Thousand Two Hundred and Ten point Five Nine One	I have seen
9	Civil	07.1.2	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum $f_{cr} = 24$ MPa, satisfying a specified compressive strength $f_c = 19$ 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 sand [50% quantity of best local sand (F.M. 1.2) and 50% quantity of Sylhet sand or coarse sand of equivalent F.M. 2.2] and 20 mm down well graded picked jhama brick chips conforming to ASTM C-33 including breaking chips and screening, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes or mixing in	cum	42.560	10651.001	Ten Thousand Six Hundred and Fifty-One point Zero Zero One	453306.603	Four Lakh Fifty-Three Thousand Three Hundred and Six point Six Zero Three	I have seen

			batching plant, 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, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level							
10	Civil	07.18.1	Centering and shuttering, including strutting, propping etc. and removal of form for: Individual and combined footings .	sqm	413.064	523.001	Five Hundred and Twenty-Three point Zero Zero One	216032.885	Two Lakh Sixteen Thousand AND Thirty-Two point Eight Eight Five	I have seen
11	Civil	08.1.2	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the 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 16% and 8% respectively : up to ground floor.	kg	5875.104	100.001	One Hundred point Zero Zero One	587516.275	Five Lakh Eighty-Seven Thousand Five Hundred and Sixteen point Two Seven Five	I have seen
12	Civil	04.16	125 mm brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) and making bond with	sqm	214.684	1373.001	One Thousand Three Hundred and	294761.347	Two Lakh Ninety-Four Thousand Seven	I have seen

			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-in-charge. (Cement: CEM-II/A-M) In ground floor				Seventy-Three point Zero Zero One		Hundred and Sixty-One point Three Four Seven	
13	Civil	15.1	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to both inner- and 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/A-M) ground floor.	sqm	520.446	373.001	Three Hundred and Seventy-Three point Zero Zero One	194126.878	One Lakh Ninety-Four Thousand One Hundred and Twenty-Six point Eight Seven Eight	I have seen
14	Civil	16.1.1	Exterior standard acrylic emulsion paint of approved best quality and color having water resisting properties and resistance properties against fungi, fading & flaking delivered 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 specified brand for	sqm	457.993	274.001	Two Hundred and Seventy-Four point Zero Zero One	125490.540	One Lakh Twenty-Five Thousand Four Hundred and Ninety point Five Four	I have seen

			levelling, spot filling, crack filling and cutting by 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.							
15	Civil	21.9	Supplying, fitting and fixing 12 BWG barbed wire fencing in a circular shape of 600 mm dia and 100 mm pitch fitted with MS rod casing (made by 8 nos. 10 mm dia plain bar in a circular pattern and placed at equal interval), 38 x 38 x 6 mm M.S. 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) and 600 mm vertical and 450 mm inclined placed @ 3.0 m c/c including straightening, binding the joints with 18 BWG wire, making holes in the angle etc. including supply of all necessary materials complete in all respect and accepted by the Engineer-in-charge. (Rate is excluding the cost of Painting).	m	93.902	2553.001	Two Thousand Five Hundred and Fifty-Three point Zero Zero One	239731.900	Two Lakh Thirty-Nine Thousand Seven Hundred and Thirty-One point Nine	I have seen
16	Civil	19.4	Supplying, fitting, fixing, and installation of ordinary type M.S. security gate of any design and shape with 50 mm x 50 mm x 6 mm M.S. angle outer frame and 02 (two) 50 mm x 50 mm x 6 mm angle placed diagonally having 22 mm dia M.S. rod placed vertically @ 115 mm c/c. and also 38 mm x 6 mm F.I placed horizontally, the bottom part covered with 3 mm thick M.S. sheet providing locking	sqm	8.922	8901.001	Eight Thousand Nine Hundred and One point Zero Zero One	79414.731	Seventy-Nine Thousand Four Hundred and Fourteen point Seven Three One	I have seen

			arrangements on 3 mm thick M.S. plate providing heavy type clamps fitted and fixed with the outer frame of the main gate, the clamp being embedded in R.C.C. or R.C. core pillar with cement concrete (1:2:4) in masonry including cutting holes and mending good the damages, finishing, curing etc. including fabrication, riveting, welding as and where necessary, etc. all complete as per drawing, design and accepted by the Engineer-in-charge.							
17	Civil	16.3.1	Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhilik 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.	sqm	35.688	189.001	One Hundred and Eighty-Nine point Zero Zero One	6745.068	Six Thousand Seven Hundred and Forty-Five point Zero Six Eight	I have seen
							Grand Total:	2481212.889	Twenty-Four Lakh Eighty-One Thousand Two Hundred and Twelve point Eight Eight	

