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Tender/Proposal Detail			
Tender/Proposal ID :	1053601	Invitation Reference No. :	46.05.0000.441.30.005.24.eIFT-15
Closing Date and Time :	02-Feb-2025 12:00	Opening Date and Time :	02-Feb-2025 12:00
Procuring Entity :	Office of the EE, System Operation & Control Division (SOC), Dhaka WASA		
Brief :	Construction of 2 nos Chlorine room at Different Water Pump station under MODS Zone - 4 & 10.		
Tender/Proposal Status :	Contract Awarded		
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Package No	Package Description
SOC/2024-25/Works/CW-3	Construction of 2 nos Chlorine room at Different Water Pump station under MODS Zone - 4 & 10.

A.K. International										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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.	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen

			(Cement: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."							
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and soaking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized	sqm	58.651	314.001	Three Hundred	18416.473	Eighteen Thousand	I have seen

			local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.				and Fourteen point Zero Zero One		Four Hundred and Sixteen point Four Seven Three	
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty- Two point Zero Zero One	27970.851	Twenty- Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass & copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point	each	4.000	1372.001	One Thousand Three Hundred and Seventy- Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty- Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. IC-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty- Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty- Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty- Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty- Six point Zero Zero Two	I have seen

21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. Drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Plumbing: 1' x 1/2" HT Fittings: Supply & fixing of plumbing light fittings of following specifications: 1) For Spot Bracket LED Light Fitting: 80 lm W (min). 2) For Panel Tube Light fitting: 1(x) lm W (min) Power Factor: minimum 0.95 Colour Rendering Index: 1) For Residential building Rr .8) 2) For office and other type of building 70:Rn., E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. MD. TAKDIR (SWAPAN) on behalf of A.K. International

Asha Traders										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen

4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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 fcr = 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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa	kg	260.032	121.001	One Hundred and Twenty-One point	31464.132	Thirty-One Thousand Four Hundred	I have seen

			and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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				Zero Zero One		and Sixty-Four point One Three Two	
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi _colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum I mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen

19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) II electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2 pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI(DI)'.1' I.I.I; HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Spccfi c.ations: Irminous effircv: i) For Spot Brackct LED Light Fittifge: 80 lm W' (min). iilljor Pancl lube Ligftt tritin\$: I(x) lm W' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrI Ral : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t!pc* of buildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Rahman on behalf of Asha Traders

Excellent Engineering & Technology										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point	2356.046	Two Thousand Three Hundred and Fifty-Six	I have seen

							Zero Zero One		point Zero Four Six	
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and curing at least for 7 days, cost of water, electricity,	sqm	75.524	395.001	Three Hundred and Ninety-Five point	29832.056	Twenty-Nine Thousand Eight Hundred	I have seen

			scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge.				Zero Zero One		and Thirty-Two point Zero Five Six	
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge. "	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass . r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with lixing materials, other accessories	m	116.000	208.001	Two Hundred and Eight	24128.116	Twenty-Four Thousand One Hundred	I have seen

			etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire				point Zero Zero One		and Twenty-Eight point One One Six	
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) II electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I:DI,I,I(:HT FTTINGS: Supply & fixing of pnd?ilt LFII) light fittings of following Spccfi c.ations: Irminous effirev: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Panel lube Ligfitt tritin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Sarker on behalf of Excellent Engineering & Technology

Express 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan ponrt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for commisioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ]\'1' l,l:D l,l(;HT FTTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous efflcrcv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Emdad Sohag on behalf of Express Enterprise

Friends mosaic & Construction										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulaed ECC wire (BYA), through nriminum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Specfi c.ations: IrIminous effrcv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligft trittn\$: l(x) lm \\' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Mir Islam on behalf of Friends mosaic & Construction

Harun Trade International										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulared ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero One	8060.002	Eight Thousand AND Sixty point Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning of the equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:D I,I(;HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) Im \\' (min) Ponc. Facior: minimum 0.95 Colour Rmdering IndcrI Ral : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of buildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero One	44000.002	Forty-Four Thousand point Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero One	44000.002	Forty-Four Thousand point Zero Two	I have seen
Grand Total:								497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Shiful Islam Titu on behalf of Harun Trade International

ISMAIL 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum 1 mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mrs. Shuruza Begum on behalf of ISMAIL ENTERPRISE

JOTI 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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I: D I,I(;HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Specfi cations: Irminous effiercv: i)For Spot Bracket LED Light Fittifige: 80 lm W' (min). iilljor Panel lube Ligftt tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M.A.S 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan ponrt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for commisioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ .'1' l,l:D l,l(;HT FTTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous efflcrcv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Abdul Sheikh on behalf of M.A.S Enterprise

M.M. Engineering 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulaed ECC wire (BYA), through nriminum I mntr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Spccfi c.ations: IrIminous effircv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligft trittn\$: l(x) lm \\' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIral : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Mohammad Hossain on behalf of M.M. Engineering Enterprise

M/S AL-HASIB INTERNATIONAL										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulaed ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero One	8060.002	Eight Thousand AND Sixty point Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning of the equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Two	I have seen
23	Electrical	--	PI\ID\J\.'1' I,I:D I,I(,HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) Im \\' (min) Ponc. Facior: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of buildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero One	44000.002	Forty-Four Thousand point Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero One	44000.002	Forty-Four Thousand point Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. ZAHIRUL ISLAM on behalf of M/S AL-HASIB INTERNATIONAL

M/S Amran Traders										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan port	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum 1 mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of folloing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Amranul Bhuiyan on behalf of M/S Amran Traders

M/S Chowdhury Construction										
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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi _colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I:DI,I,I(HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Spccfi c.ations: IrIminous effircv: i)For Spot Bracket LED Light Fittifige: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M/S DHAKA ENTERPRISE-2										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass & copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. IC-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2 pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TPMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PIVOTING: Providing & fixing of pnd?ilt LFII light fittings of following specifications: Irminous effecrv: i) For Spot Bracket LED Light Fitting: 80 lm W (min). i) For Panel Light Fitting: 1(x) lm W (min) Power Factor: minimum 0.95 Colour Rendering Index: i) For Residential building Rr .8t ii) For office and other type of building 70:Rn, E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. MD. ZAHID HASAN on behalf of M/S DHAKA ENTERPRISE-2

M/s Dina Diya & Co.										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulaed ECC wire (BYA), through nriminum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\1' I,I;D I,I;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Specfi c.ations: IrIminous effrcv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligftt trittn\$: l(x) lm \\' (min) Ponc. Faclo: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Hossain on behalf of M/s Dina Diya & Co.

M/S Madina Trading Corporation										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulaed ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning of the equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:D I,I(;HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) Im \\' (min) Ponc. Facior: minimum 0.95 Colour Rmdering IndcrI Ral : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of buildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
Grand Total:								497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Mohamad Uddin on behalf of M/S Madina Trading Corporation

M/S Marzia International										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge. "	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi _colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum I mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mrs. Selina Sely on behalf of M/S Marzia International

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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I: D I,I(;HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Specfi cations: Irminous effiercv: i)For Spot Bracket LED Light Fittifige: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M/S MONAMI 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass & copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. IC-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCHES: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2 pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TPMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PIVOTING LIGHT FITTINGS: Supply & fitting of pivot light fittings of following specifications: Irminous efficacy: i) For Spot Bracket LED Light Fitting: 80 lm / W (min). ii) For Panel type Light fitting: i(x) lm / W (min) Power Factor: minimum 0.95 Colour Rendering Index: i) For Residential building: 80 ii) For office and other type of building: 70:Ra, E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Muhammad Yousuf on behalf of M/S MONAMI ENTERPRISE

M/S Mousumi Traders										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulaed ECC wire (BYA), through nriminum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty- Two point Zero Zero One		and Twenty- Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I;HT FTTINGS: Suplv & ftrng of pnd?ilt LFII) light fittings of following Specfi c.ations: IrIminous effircv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor PancI lube Ligftt trittn\$: I(x) lm \\' (min) Ponc. FacIor: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty- Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty- Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety- Seven Thousand Four Hundred and Thirty- Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. KAZI ISLAM on behalf of M/S Mousumi Traders

M/s Newtral Builders										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulaed ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero One	8060.002	Eight Thousand AND Sixty point Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning of the equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:D I,I(,HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) Im \\' (min) Ponc. Facior: minimum 0.95 Colour Rmdering IndcrI Ral : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of buildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero One	44000.002	Forty-Four Thousand point Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero One	44000.002	Forty-Four Thousand point Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Hossain on behalf of M/s Newtral Builders

M/s pk international										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge. "	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi _colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum I mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Mohamed Hossan on behalf of M/s pk international

M/S SHADIN 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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi _colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I: D I,I(:HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Specifications: Irminous effiercv: i)For Spot Bracket LED Light Fitting: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rendering Index(Ra): i) For Residential building Rr .8t) ii) For office and other t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M/S STAR 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan ponrt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for commisioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ .'1' l,l:D l,l(;HT FTTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous efflcrcv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclo: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. ABDUL KADIR on behalf of M/S STAR ENTERPRISE

M/S UNIQUE 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulared ECC wire (BYA), through nrimum I mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Specfi c.ations: IrIminous effircv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligft trittn\$: l(x) lm \\' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Shahidur Rahaman on behalf of M/S UNIQUE ENTERPRISE

M/s Zaman Traders										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulaed ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:D I,I(;HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt tritin\$: I(x) Im \\' (min) Ponc. Facior: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Rashed Kabir on behalf of M/s Zaman Traders

M/S. N. ISLAM & CO										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x 1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan port	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum 1 mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Nazrul Islam on behalf of M/S. N. ISLAM & CO

M/S. Al Rashid 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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I:DI,I,I(HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Spccfi c.ations: IrIminous effircv: i)For Spot Bracket LED Light Fittifige: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M/S. Anisuzzaman										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for comissioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ\.'1' l,I:D l,I(;HT FTTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous effircrv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. AlHaji Anisuzzaman on behalf of M/S. Anisuzzaman

M/S. Ashfi Trading										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulaed ECC wire (BYA), through nriminum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Specfi c.ations: IrIminous effrcv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligft trittn\$: l(x) lm \\' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Mohammad Ullah on behalf of M/S. Ashfi Trading

M/S. Ehan Traders										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulaed ECC wire (BYA), through nrimum I mntr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning ofthe equipmnet including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:D I,I(;HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: l(x) Im \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Rahman on behalf of M/S. Ehan Traders

M/S. FARIDA AND EVA CONSTRUCTION										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan port	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum 1 mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Akter Uddin on behalf of M/S. FARIDA AND EVA CONSTRUCTION

M/s. Helal 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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi _colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I:DI,I,I(HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Spccfi c.ations: Irminous effircv: i)For Spot Bracket LED Light Fittifige: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M/S. Hossain 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan ponrt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for commisioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ\.'1' l,l:D l,l(;HT FTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous efflcrcv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Hossain on behalf of M/S. Hossain Enterprise

M/S. Howlader Foundation										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulared ECC wire (BYA), through nriminum I mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I(;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Spccfi c.ations: IrIminous effrcv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligft trittn\$: l(x) lm \\' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIral : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Islam on behalf of M/S. Howlader Foundation

M/S. Iftekhar & Brothers										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulaed ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:D I,I(;HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) Im \\' (min) Ponc. Faclo: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
Grand Total:								497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Abdur Rouf on behalf of M/S. Iftekhar & Brothers

M/S. Joyonti Traders										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x 1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan port	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum 1 mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Mahmud on behalf of M/S. Joyonti Traders

M/S. Lion Hati 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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I: D I,I(;HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Specfi cations: Irminous effiercv: i)For Spot Bracket LED Light Fittifige: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M/S. MAHI & CO										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan ponrt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for commisioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ .\`1' l,l:D l,l(;HT FTTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous efflcrcv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Khan on behalf of M/S. MAHI & CO

M/S. MANDA 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulaed ECC wire (BYA), through nriminum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I(;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Specfi c.ations: IrIminous effrcv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligft trittn\$: l(x) lm \\' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. MD. ALAM on behalf of M/S. MANDA ENTERPRISE

M/S. MITHU AND BROTHERS										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulaed ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\ DIJ\.'1' I,I:D I,I(;HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: l(x) Im \\' (min) Ponc. Facior: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
Grand Total:								497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Jahangir Mollah on behalf of M/S. MITHU AND BROTHERS

M/s. Nasima 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum 1 mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipmnet including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Nazmul Hasan on behalf of M/s. Nasima Enterprise

M/S. Pintu Trading Co.										
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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I:DI,I,I(HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Specifications: Irminous efficev: i)For Spot Bracket LED Light Fitting: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rendering Index(Ra): i) For Residential building Rr .8t) ii) For office and other t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M/S. Rafia 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan ponrt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for comissioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ .'1' l,l:D l,l(;HT FTTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous efflcrcv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Islam on behalf of M/S. Rafia Enterprise

M/S. SAIF & SONS										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulared ECC wire (BYA), through nriminum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I(;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Specfi c.ations: IrIminous effrcv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligft trittn\$: l(x) lm \\' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. MD.SHAHADAT HOSSAIN on behalf of M/S. SAIF & SONS

M/S. Shamoli 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulared ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning ofthe equipmnet including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:D I,I(;HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: l(x) Im \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
Grand Total:								497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Hossain on behalf of M/S. Shamoli Enterprise

M/S. Sheer Trade International										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x 1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan port	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum 1 mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Abu Tarak on behalf of M/S. Sheer Trade International

M/S. SUNAM 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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) II electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return dampers with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I: D I,I(:HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Spccfi c.ations: IrIminous effircv: i)For Spot Bracket LED Light Fittifige: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrI Ral: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

M/s. Vola 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mntr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for comissioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ .'1' l,l:D l,l(;HT FTTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous efflcrcv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Hossain on behalf of M/s. Vola Enterprise

<u>M/S.Tahin Construction</u>										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulaed ECC wire (BYA), through nriminum I mntr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3.,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size Ig SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3.,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

			electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"				and Sixty-Two point Zero Zero One		and Twenty-Four point Zero Zero Two	
23	Electrical	--	PI\DJ\'.1' I,I;D I,I;HT FTTINGS: Suplv & ftrng of pnd?ilt LFI) light fittings of following Specfi c.ations: IrIminous effircv: i)For Spot Brackct LED Light Fittifge: 80 lm \\' (min). iilljor Pancl lube Ligft trittn\$: l(x) lm \\' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIRal : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t\pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Hossain on behalf of M/S.Tahin Construction

MERCY 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen

5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm	sqm	13.940	395.001	Three Hundred	5506.314	Five Thousand	I have seen

			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 drawing and accepted by the Engineer.				and Ninety-Five point Zero Zero One		Five Hundred and Six point Three One Four	
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulaed ECC wire (BYA), through nrimum I mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen

20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) II electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commisioning of the equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\ID\J\.'1' I,I:D I,I(;HT FTTINGS: Suplv & fring of pnd?ilt LFI) light fittings of folloing Spccfi c.ations: Irlminous cffircrv: i)For Spot Brackct LED Light Fittifige: 80 Im \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) Im \\' (min) Ponc. Facior: minimum 0.95 Colour Rmdering IndcrI Ral : i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of buildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
Grand Total:								497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mrs. Zobaida Khatun on behalf of MERCY ENTERPRISE

Mondol Traders										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	cum	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point	6553.877	Six Thousand Five Hundred and Fifty-Three point	I have seen

			design office only, all complete and accepted by the Engineer-in-charge.				Zero Zero One		Eight Seven Seven	
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality local sand of FM 1.2) and 12 mm down well graded brick chips	sqm	10.465	667.001	Six Hundred and Sixty-Seven point	6980.165	Six Thousand Nine Hundred	I have seen

			including breaking chips, screening, laying the concrete in alternate panels, compacting and finishing the top with neat cement and 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.				Zero Zero One		and Eighty point One Six Five	
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi-colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan port	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nriminum 1 mnr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen

			In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire							
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PI\DIJ\.'1' I,I:;D I,I;HT FTTINGS: Suplv & fring of pnd?ilt LFII) light fittings of follouing Spccfi c.ations: IrIminous effircrv: i)For Spot Brackct LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittin\$: I(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rmdering IndcrlRal : i) For Roirdortial building Rr .8t) ii1 For o(ficc end oticr t'ipc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md Altaf Mondol on behalf of Mondol Traders

MUN MUN 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	Unit rates or prices	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen

						(in figures) (BDT)	(in words) (BDT)			
1	Civil	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane,	sqm	9.530	597.001	Five Hundred	5689.420	Five Thousand	I have seen

			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 : Floor and roof slab up to ground floor				and Ninety-Seven point Zero Zero One		Six Hundred and Eighty-Nine point Four Two	
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) &IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rickness complete with I8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen

			manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. Light / exhaust or wall bracket fan point							
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval of the Engineer In Charge. 1 C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One Six	I have seen
18	Electrical	--	"1C-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the PVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCH: Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3,.) // electrical contacts shall be of brass / copper One gang switch & one 5/10 amps. 2' pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shunt circuit release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Supply, installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning of the equipment including all electrical & Civil works as follows technical specification. drawing and time to time site instruction from Engineer-in-charge. Capacity: 50 cfm. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	PLI)DIJ\.'1' I,I: D I,I(:HT FTTINGS: Supply & fixing of pnd?ilt LFI) light fittings of following Spccfi c.ations: Irminous effircv: i)For Spot Bracket LED Light Fittifige: 80 lm W' (min). iilljor Panel lube Ligft tritin\$: I(x) lm W' (min) Ponc. Factor: minimum 0.95 Colour Rmdering IndcrIal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* of building 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
25	Civil	--	Dismantling of existing structure as per requirement of the work including labour, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

NADIYA 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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen
7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb,	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen

			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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"							
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 /ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen

16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x1.5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan ponrt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through nrimum l mnr thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. l C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return dams with all necessary accessories and fittings. Fixing for comissioning ofthe equiptment including all electrical & Civil works as follows technical specification. drarving and time to time site instruction from Engineer-in-charge. Capacity: 50 cih. ESP 30 Pa"	each	2.000	7362.001	Seven Thousand Three Hundred and Sixty-Two point Zero Zero One	14724.002	Fourteen Thousand Seven Hundred and Twenty-Four point Zero Zero Two	I have seen
23	Electrical	--	Pl DIJ .'1' l,l:D l,l(;HT FTTTINGS: Supplv & fring of pnd?ilt LFII) light fittings of following Spccfi c.ations: lrlminous efflcrcv: i)For Spot Bracket LED Light Fittifige: 80 lm \\' (min). iilljor Pancl lube Ligftt trittrn\$: l(x) lm \\' (min) Ponc. Faclor: minimum 0.95 Colour Rndring IndcrlRal: i) For Roidortial building Rr .8t) ii1 For o(ficc end oticr t'pc* ofbuildingr 70:Rn.,E5	each	4.000	2233.001	Two Thousand Two Hundred and Thirty-Three point Zero Zero One	8932.004	Eight Thousand Nine Hundred and Thirty-Two point Zero Zero Four	I have seen
24	Civil	--	Cleaning and removal of all debris from the site to a safe dumping zone including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen

25	Civil	--	Dismantling of existing structure as per requirement of the work including laboure, equipments, carrying all complete as per direction of Engineer-in-Charge.	item	2.000	22000.001	Twenty-Two Thousand point Zero Zero One	44000.002	Forty-Four Thousand point Zero Zero Two	I have seen
							Grand Total:	497433.654	Four Lakh Ninety-Seven Thousand Four Hundred and Thirty-Three point Six Five Four	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mrs. Nargis Kabir on behalf of NADIYA ENTERPRISE

Sikder Construction										
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	--	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead	cum	14.024	168.001	One Hundred and Sixty-Eight point Zero Zero One	2356.046	Two Thousand Three Hundred and Fifty-Six point Zero Four Six	I have seen
2	Civil	--	Sand filling in foundation trenches and plinth with sand having min. F.M. 1.2 in 150 mm in 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	5.057	1296.001	One Thousand Two Hundred and Ninety-Six point Zero Zero One	6553.877	Six Thousand Five Hundred and Fifty-Three point Eight Seven Seven	I have seen
3	Civil	--	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or anywhere below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	47.888	47.001	Forty-Seven point Zero Zero One	2250.784	Two Thousand Two Hundred and Fifty point Seven Eight Four	I have seen
4	Civil	--	One layer brick flat soling in foundation or in floor with sand cement solid block (SCSB) (240x114x70) mm including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge.	sqm	13.800	597.001	Five Hundred and Ninety-Seven point Zero Zero One	8238.614	Eight Thousand Two Hundred and Thirty-Eight point Six One Four	I have seen
5	Civil	--	"Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including 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: Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2."	cum	2.439	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	25619.258	Twenty-Five Thousand Six Hundred and Nineteen point Two Five Eight	I have seen
6	Civil	--	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge.	cum	5.082	10097.001	Ten Thousand AND Ninety-Seven point Zero Zero One	51312.959	Fifty-One Thousand Three Hundred and Twelve point Nine Five Nine	I have seen

7	Civil	--	125 mm brick works with first class bricks with 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-in-charge.	sqm	27.297	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	38434.203	Thirty-Eight Thousand Four Hundred and Thirty-Four point Two Zero Three	I have seen
8	Civil	--	"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, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Floor/ roof slab, T-beam, L-beam and rectangular beam, tie beam, lintel, stair case slab and steps etc. up to ground floor"	cum	1.848	14748.001	Fourteen Thousand Seven Hundred and Forty-Eight point Zero Zero One	27254.306	Twenty-Seven Thousand Two Hundred and Fifty-Four point Three Zero Six	I have seen
9	Civil	--	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 : Floor and roof slab up to ground floor	sqm	9.530	597.001	Five Hundred and Ninety-Seven point Zero Zero One	5689.420	Five Thousand Six Hundred and Eighty-Nine point Four Two	I have seen
10	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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.	sqm	75.524	395.001	Three Hundred and Ninety-Five point Zero Zero One	29832.056	Twenty-Nine Thousand Eight Hundred and Thirty-Two point Zero Five Six	I have seen
11	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 quality 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 for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge.	sqm	10.465	667.001	Six Hundred and Sixty-Seven point Zero Zero One	6980.165	Six Thousand Nine Hundred and Eighty point One Six Five	I have seen
12	Civil	--	Grade 400 (RB 400 / 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 418MPa and what ever is the yield strength within allowable limit as per BNBC sec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio 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	260.032	121.001	One Hundred and Twenty-One point Zero Zero One	31464.132	Thirty-One Thousand Four Hundred and Sixty-Four point One Three Two	I have seen
13	Civil	--	Minimum 12 mm thick cement sand (F.M. 1:2) plaster with neat cement finishing to dado (1:4) with cement up to 150 mm 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 drawing and accepted by the Engineer.	sqm	13.940	395.001	Three Hundred and Ninety-Five point Zero Zero One	5506.314	Five Thousand Five Hundred and Six point Three One Four	I have seen
14	Civil	--	Interior super premium acrylic emulsion painting (odorless) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper, finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. up to desired finishing, elapsing	sqm	58.651	314.001	Three Hundred and Fourteen point Zero Zero One	18416.473	Eighteen Thousand Four Hundred and Sixteen point Four Seven Three	I have seen

			specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.							
15	Electrical	--	"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 bar placed horizontally, the bottom part covered with 3 mm thick M.S. plate providing locking 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, painting 2 (two) coats with approved best quality synthetic enamel paint over a coat of anticorrosive painting etc. all complete as per drawing, design and accepted by the Engineer-in-charge."	sqm	3.349	8352.001	Eight Thousand Three Hundred and Fifty-Two point Zero Zero One	27970.851	Twenty-Seven Thousand Nine Hundred and Seventy point Eight Five One	I have seen
16	Electrical	--	Concealed conduit wiring for following point looping at the switch board with earth terminal with IC-2x I .5 sqmm pVC insulated and sheathed stranded cable (ByM) & IC-2x1.5 sqmm PVC insulated ECC (ByA) (Green / yellow bi_colour) including circuit wiring with (From SDB to Switch Board) IC-2x2.5 sqmm pVC insulated and sheathed stranded cable (BYM) & IC-2x2.5 sqmm pVC insulated ECC (ByA) Green / Yellow bi-colour through pVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall rthickness complete with l8 SWG Cp sheet / pVC switch board & pull box with 3mm thick ebonire sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass .r copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be canied out as per direction & approval ofthe Engineer In Charge. Light / exhaust or wall bracket fan pornt	each	4.000	1372.001	One Thousand Three Hundred and Seventy-Two point Zero Zero One	5488.004	Five Thousand Four Hundred and Eighty-Eight point Zero Zero Four	I have seen
17	Electrical	--	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Creen / Yellow bi-colour PVC insulared ECC wire (BYA), through nrimum I mntr thick PVC channel complete with lixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall bc manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- I . The work shall be carried out as per direction & approval ofthe Engineer In Charge. I C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	m	116.000	208.001	Two Hundred and Eight point Zero Zero One	24128.116	Twenty-Four Thousand One Hundred and Twenty-Eight point One One Six	I have seen
18	Electrical	--	"IC-2x4 sqmm (NYY) with 4 sqmm (BYA) ECC wire through the pVC pipe of minimum inner dia 25 mm & wall thickness 1.7 mm"	m	60.000	911.001	Nine Hundred and Eleven point Zero Zero One	54660.060	Fifty-Four Thousand Six Hundred and Sixty point Zero Six	I have seen
19	Electrical	--	GANG SWITCT{. Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper	each	2.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	2916.002	Two Thousand Nine Hundred and Sixteen point Zero Zero Two	I have seen
20	Electrical	--	"Gang Switch Providing & fixing 250 volts.5 / 6 amps (minimum) concealed rype following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size lg SWG galvanized plain sheer / PVC board (Self.extinguishing 650 Degree Centigrade) of 76.2 mm (3,) ll electrical contacts shall be ofbrass / copper One gang switch & one 5/10 amps. 2'pin socket combined"	each	2.000	1323.001	One Thousand Three Hundred and Twenty-Three point Zero Zero One	2646.002	Two Thousand Six Hundred and Forty-Six point Zero Zero Two	I have seen
21	Electrical	--	TPMCB: Providing & fixing on a prepared board 500 volt grade following Triple pole miniature circuit Breaker (TpMCB) having minimum breaking capacity 6-KA/ 10 KA with thermal over-current and instantaneous electromagnetic shon circuir release provision as per BDS IEC and IEC 1 VDE / NEMA / BS / JIS standard. 5-60Amps	each	2.000	4030.001	Four Thousand AND Thirty point Zero Zero One	8060.002	Eight Thousand AND Sixty point Zero Zero Two	I have seen
22	Electrical	--	"VENTILATION FAN: Suppty. installation, testing & commissioning of Fan including non return damp with all necessary accessories and fittings. Fixing for commissioning ofthe equipment including all	each	2.000	7362.001	Seven Thousand Three Hundred	14724.002	Fourteen Thousand Seven Hundred	I have seen

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Kamal Sikder on behalf of Sikder Construction