

M/S. MAJEDA AND CON

Section 6. Bill of Quantities

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Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price (In figures: BDT)	Unit Price (In words: BDT)	Total Price (In figures: BDT)	Total Price (In words: BDT)
1	N/A	N/A	Layout and marking for earthwork in excavation in foundation accepted by the Engineer-in-charge. [Plinth area of the structure shall be considered for measurement]	sqm	11.154	5.001	Five point Zero Zero One	55.781	Fifty-Five point Seven Eight One
2	N/A	N/A	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local benchmark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract.	cum	4.990	200.001	Two Hundred point Zero Zero One	998.005	Nine Hundred and Ninety-Eight point Zero Zero Five
3	N/A	N/A	Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.5 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.	cum	9.098	1080.001	One Thousand AND Eighty point Zero Zero One	9825.849	Nine Thousand Eight Hundred and Twenty-Five point Eight Four Nine
4	N/A	N/A	One layer brick flat soling in foundation or in floor with first class/picked jhama bricks (BDS 208) including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge	sqm	45.936	1000.001	One Thousand point Zero Zero One	45936.046	Forty-Five Thousand Nine Hundred and Thirty-Six point Zero Four Six
5	N/A	N/A	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: CEM-II/B-M).Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2.	cum	11.137	10000.001	Ten Thousand point Zero Zero One	111370.011	One Lakh Eleven Thousand Three Hundred and Seventy point Zero One One
6	N/A	N/A	Grade 400 (B400DWR / B420DWR: complying BDS ISO 6935-2:2016 / ASTM A615) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 480 MPa and whatever is the actual yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 17% and 8% respectively : up to ground floor.	kg	520.887	125.001	One Hundred and Twenty-Five point Zero Zero One	65111.396	Sixty-Five Thousand One Hundred and Eleven point Three Nine Six
7	N/A	N/A	125 mm brick work with first class bricks with cement sand (F.M. 1.2) mortar (1:6) 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. (Cement: CEM-II/B-M) In ground floor	sqm	51.847	1700.001	One Thousand Seven Hundred point Zero Zero One	88139.952	Eighty-Eight Thousand One Hundred and Thirty-Nine point Nine Five Two
8	N/A	N/A	Supplying, fitting and fixing foreign made GP homogeneous stair tiles having non skidding offsets, complying BDS ISO 13006: 2015, water absorption ≤ 0.5%, modulus of rupture (MOR) ≥ 27 N/mm2, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and raking out the joints with white cement including cutting and laying the tiles in proper way and finishing with care etc. all	sqm	158.530	2400.001	Two Thousand Four Hundred point Zero Zero One	380472.159	Three Lakh Eighty Thousand Four Hundred and

			complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) In ground floor.Glazed stair tiles of size 300 mm x 600 mm						Seventy-Two point One Five Nine
9	N/A	N/A	Concealed conduit wiring with followine PVC insulated and sheathed stranded cable (BYM) & PVC insulated Green / Yellow bi- coloured ECC wire (BYA) rthrough PVC conduit of reputed manufacturer complete with I8 SWC GP sheet pull box with 3mm thick ebonite sheet cover, fixing materials 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- 1. The work shall be carried out as per direction & approval ofthe Engineer In Charge. 1C-2x4.0 sqmm (BYM) cable with 4 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 20 nrm having wall thickness of 1.5 mm	m	120.000	500.001	Five Hundred point Zero Zero One	60000.120	Sixty Thousand point One Two
10	N/A	N/A	Concealed conduit wiring with the following PVC insulated stranded cable (BYA) & PVC insulated Green / Yellow bi-colour ECC wire (BYA) through PVC conduit of reputed manufacturer complete with I8 SwC (;P sheet pull box with 3mm thick ebonite sheet cover, fixing materials. other acccssories 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 anufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure- 1 . The work shall be carried out as per direction & approval ofthe Engineer In Charge.2 IC-2/2.ssqmm (BYA) cable with 2.5sqmm (BYA) ECC wire through PVC pipe of minimum inner dia I6mmhavingwall thickness of 1.5 mm	m	90.000	410.001	Four Hundred and Ten point Zero Zero One	36900.090	Thirty-Six Thousand Nine Hundred point Zero Nine
11	N/A	N/A	"TPMCCB/RCCB: Providing & fixing on a prepared board 500 volt grade following triple-pole molded case circuit breaker (TPMCCB) with thermal over-current and Instantaneous electromagnetic short circuit release provision, Manufactured / Assembled and tested in accordance with IEC/VDE/ NEMA/BS/JIS along with relevant BDS IEC standard. 15-100 Amps. (Minimun 10KA)"	no	3.000	1500.001	One Thousand Five Hundred point Zero Zero One	4500.003	Four Thousand Five Hundred point Zero Zero Three
12	N/A	N/A	"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 short circuit release provision as per BDS IEC and IEC/VDE/NEMA/BS/JIS standard. 4.5.1 TPMCBs accepted / approved by the Engineer-in-charge. 5-60 Amps."	no	6.000	1500.001	One Thousand Five Hundred point Zero Zero One	9000.006	Nine Thousand point Zero Zero Six
13	N/A	N/A	Providing & fixing 250V, 50 Hz grade following concealed type sub-distribution board made of 18-SWG MS sheet complete with hinged type door, built-in type locking arrangement, one no. 60 A capacity bus-bar with required no. of holes thereon on insulators at both ends, copper blocks for neutral and earth terminal, SPMCBs Manufactured/Assembled and tested in accordance with IEC/VDE/NEMA/BS/JIS along with relevant BDS IEC standard having minimum breaking capacity 6/10-KA with thermal over current and instantaneous electromagnetic short circuit release. necessary arrangement for fixing of MCBs duly painted with powder coating with epoxy polyester resin on all surfaces of board (gray/off- white) etc. In front side there will be tempered thick fiber glass of minimum 8 mm thickness with rubber gaskets etc. with SPMCBs accepted/ approved by the Engineer-in-charge. 3-Way SDB (with box size minimum 220mm x 132mmx148mm) incoming :1 x 20 amps (6 KA) & out-going: 3 x 5/10 amps SPMCB(6 KA).	no	3.000	6000.001	Six Thousand point Zero Zero One	18000.003	Eighteen Thousand point Zero Zero Three
14	N/A	N/A	FOUNTAIN (LED UNDERWATER LIGHT FITTINGS Supply & foing LED under water light fittings of following specifications: Luminous efficacy: 60 in Winimum Power Factor minimas 0.95 Colour Rendering Index(RA): 70≤Ra< 25 Ingroes Protection-IP68. Driver: Should be of IEC standard such MEANWELL/OSRAM/ENERGY+/ SIGNIFY(PHILIPS) or equivalent LFD chips EPISTAR/OSRAM/SIGNIFY (PHILIPS)/CREE/BRIDGELUX or equivalent. Model & sample to be accepted/approved by the Engineer in-charge (with 2 years warranty. GLORIA - GLUW-1803 Energy cat no-EPIGL-21023 Ades AD PROLED 830 Asha cat no-ACS-LUWL625(6/9/12W) equivalent. 9W	no	20.000	1500.001	One Thousand Five Hundred point Zero Zero One	30000.020	Thirty Thousand point Zero Two

15	N/A	N/A	FOUNTAIN (LED UNDERWATER LIGHT FITTINGS Supply & foing LED under water light fittings of following specifications: Luminous efficacy: 60 in Wininimum Power Factor minimas 0.95 Colour Rendering Index(RA): 70≤Ra< 25 Ingres Protection-IP68. Driver: Should be of IEC standard such MEANWELL/OSRAM/ENERGY+/ SIGNIFY(PHILIPS) or equivalent LFD chips EPISTAR/OSRAM/SIGNIFY (PHILIPS)/CREE/BRIDGELUX or equivalent. Model & sample to be accepted/approved by the Engineer in-charge (with 2 years warranty. GLORIA cat no-GLUG-1908.Energy cat no-EPUWL-15001,Cosmo cat no-BDTCL-UWL-02,Adex-AD PROLED 865,Asha Cat no-ACS-LUWL-626 or equivalent.	no	20.000	1500.001	One Thousand Five Hundred point Zero Zero One	30000.020	Thirty Thousand point Zero Two
16	N/A	N/A	Supply & fixing LED track strip light fittings of following specifications: Luminous efficacy: 80 lm/w(minimum). Power Factor: minimum 0.95 Colour Rendering Index(Ra) :i) For Residential building Ra 80 ii) For office and other types of buildings 70 Ra85 Driver: Should be of IEC standard such as MEANWELL/OSRAM/ENERGY+/SIGNIFY(PHILIPS) or equivalent LED chips EPISTAR / OSRAM / SIGNIFY(PHILIPS)/CREE/BRIDGELUX or equivalent. Colour temperature 3500K-6500K (Warm- White) Ingress Protection: IP 65 Model & sample to be accepted approved by the Engineer-in-charge (with 2 years warranty).Gloria Cat No-GSL-8900 Energy+ EPSS-46002 Cosmo Neo Neon Strip Light (White/Warm/Red/Blue/Green/Yellow/RGB) BDTCL-NEON-01 Adex-AD DCD 16W 830 Asha Neo Neon Strip Light (White/Warm/Red/Blue/Green/Yellow/RGB)- 1M/10W or equivalent.	m	20.000	420.001	Four Hundred and Twenty point Zero Zero One	8400.020	Eight Thousand Four Hundred point Zero Two
17	N/A	N/A	Supplying, fitting and fixing stainless steel railing of standard height (approximately 225 mm above RCC or Brick wall) with 2 mm thick 62 mm dia SS pipe for hand-rail, 2 mm thick 40 mm dia vertical SS pipes @ 1200 mm c/c fitting and fixing with 65 mm x 55 mm x 6 mm SS base plate and fitting base plate with the surface by 50mm long royal bolt including welding, bending, fabricating, polishing all complete as per drawing, desing and specification etc all complete in all respect and accepted by Engineer-in-charge.	sqm	12.270	2700.001	Two Thousand Seven Hundred point Zero Zero One	33129.012	Thirty-Three Thousand One Hundred and Twenty-Nine point Zero One Two
18	N/A	N/A	Dismantling of R.C.C. beam, lintel, column, drop wall, sun shade from any height and removal of debris to a safe distance.	ls	1.000	7000.001	Seven Thousand point Zero Zero One	7000.001	Seven Thousand point Zero Zero One
19	N/A	N/A	Replacement of existing monument.completed by the contractor and accepted by the Engineer-in-charge.	ls	1.000	6161.505	Six Thousand One Hundred and Sixty-One point Five Zero Five	6161.505	Six Thousand One Hundred and Sixty-One point Five Zero Five
20	N/A	N/A	Providing of single/multistage self priming Jet pump motor set 2800-2900 RPM monoblock type manufactured according to relevant BDS standard and DIN/NEMA/IEC/VDE/BS/JIS & ISO 9001:2015 standard. CE certified / UL listed of following capacity and suitable for operation at single phase, 230 V ± 5%, 50 Hz AC having insulation Class F and Protection IP44 (minimum), manufactured by company having at least 30 years of manufacturing experience in their own industry as per sample accepted /approved by the Engineer-in-charge.	no	1.000	30000.001	Thirty Thousand point Zero Zero One	30000.001	Thirty Thousand point Zero Zero One
							Grand Total:	975000.000	Nine Lakh Seventy-Five Thousand

*** Note: All applicable taxes, custom duties, VAT and other levies payable by the Contractor under the Contract shall be included in the unit prices submitted by the Tenderer.**

This Section 6. Bill of Quantities is Electronically Signed by Mr. MD. JAMAL BIJOY on behalf of M/S. MAJEDA AND CON