

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	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract.	cum	149.883	168.001	One Hundred and Sixty-Eight point Zero Zero One	25180.494	Twenty-Five Thousand One Hundred and Eighty point Four Nine Four
2	N/A	N/A	Supplying, fitting and fixing of best quality 20mm HDPE soil, waste and ventilation pipe having all special fittings, such as bends, elbows, sockets, reducing sockets, Tee, unions, jam-nuts etc. including cutting trenches where necessary and fitting the same with earth duly rammed and fixing in walls with holder bats and making hole in floors, walls and consequent mending good the damages etc. all complete in all respects approved and accepted by the Engineer- in- charge. HDPE pipe of 20 mm outside dia with wall thickness 2.3 mm -2.7 mm.	m	275.000	780.001	Seven Hundred and Eighty point Zero Zero One	214500.275	Two Lakh Fourteen Thousand Five Hundred point Two Seven Five
3	N/A	N/A	Supplying, fitting and fixing of best quality 32mm HDPE soil, waste and ventilation pipe having all special fittings, such as bends, elbows, sockets, reducing sockets, Tee, unions, jam-nuts etc. including cutting trenches where necessary and fitting the same with earth duly rammed and fixing in walls with holder bats and making hole in floors, walls and consequent mending good the damages etc. all complete in all respects approved and accepted by the Engineer- in- charge. HDPE pipe of 20 mm outside dia with wall thickness 3.3 mm -4.0 mm.	m	300.000	720.001	Seven Hundred and Twenty point Zero Zero One	216000.300	Two Lakh Sixteen Thousand point Three
4	N/A	N/A	Supplying, fitting and fixing of best quality 40mm HDPE soil, waste and ventilation pipe having all special fittings, such as bends, elbows, sockets, reducing sockets, Tee, unions, jam-nuts etc. including cutting trenches where necessary and fitting the same with earth duly rammed and fixing in walls with holder bats and making hole in floors, walls and consequent mending good the damages etc. all complete in all respects approved and accepted by the Engineer- in- charge. HDPE pipe of 40 mm outside dia with wall thickness 3.7 mm -4.2mm.	m	190.000	575.001	Five Hundred and Seventy-Five point Zero Zero One	109250.190	One Lakh Nine Thousand Two Hundred and Fifty point One Nine
5	N/A	N/A	Supplying, fitting and fixing of best quality 50mm HDPE soil, waste and ventilation pipe having all special fittings, such as bends, elbows, sockets, reducing sockets, Tee, unions, jam-nuts etc. including cutting trenches where necessary and fitting the same with earth duly rammed and fixing in walls with holder bats and making hole in floors, walls and consequent mending good the damages etc. all complete in all respects approved and accepted by the Engineer- in- charge. HDPE pipe of 50 mm outside dia with wall thickness 4.6 mm -5.2 mm.	m	70.000	1293.001	One Thousand Two Hundred and Ninety-Three point Zero Zero One	90510.070	Ninety Thousand Five Hundred and Ten point Zero Seven
6	N/A	N/A	Supplying, fitting and fixing of 1/2" Metal impact sprinkler.coverage: 30 to 45 feet diameter,weight 0.28kg with all fitting Accessories (union, gate valve, globe valve, check valve, float valve, clean out) . all complete in all respects approved and accepted by the Engineer-in- charge.	no	10.000	746.001	Seven Hundred and Forty-Six point Zero Zero One	7460.010	Seven Thousand Four Hundred and Sixty point Zero One
7	N/A	N/A	Supplying, fitting and fixing of 1/2" Metal butterfly sprinkler.coverage: 20 to 30 feet diameter,weight 0.28kg with all fitting Accessories (union, gate valve, globe valve, check valve, float valve, clean out) . all complete in all respects approved and accepted by the Engineer-in- charge.	no	30.000	500.001	Five Hundred point Zero Zero One	15000.030	Fifteen Thousand point Zero Three
8	N/A	N/A	Providing of single stage 2800-2900 RPM monoblock type Centrifugal water pump motor set (reservoir to overhead tank) manufactured according to relevant BDS	no	3.000	40247.001	Forty Thousand Two	120741.003	One Lakh Twenty Thousand

			standard and ISO 9906:2012, GRADE 3B/DIN/NEMA /IEC/BS/VDE/JIS & ISO 9001:2015 standard. CE certified/UL listed of following capacity suitable for operation at single phase, 230 V ±5%, 50 Hz AC having insulation: Class F & Protection: IPX4 (minimum) manufactured by company having minimum 30 years of manufacturing experience in their own industry Country of Manufacture: EU Countries/USA/ Japan/UK, as per sample accepted approved by the Engineer-in-Charge. 2 HP, Discharge 20-120 liter/min, Head-50-32 meter, Suction dia-25mm, Delivery dia-25mm.				Hundred and Forty-Seven point Zero Zero One		Seven Hundred and Forty-One point Zero Zero Three
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) through PVC conduit of reputed manufacturer complete with 18 SWG 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 of the Engineer In Charge. 1C-2x4.0 sqmm (BYM) cable with 4 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1.5 mm	m	130.000	405.009	Four Hundred and Five point Zero Zero Nine	52651.170	Fifty-Two Thousand Six Hundred and Fifty-One point One Seven
10	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. (Minimum 10KA)"	no	3.000	7466.001	Seven Thousand Four Hundred and Sixty-Six point Zero Zero One	22398.003	Twenty-Two Thousand Three Hundred and Ninety-Eight point Zero Zero Three
11	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	3.000	4030.001	Four Thousand AND Thirty point Zero Zero One	12090.003	Twelve Thousand AND Ninety point Zero Zero Three
12	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) in-coming :1 x 20 amps (6 KA) & out-going: 3 x 5/10 amps SPMCB(6 KA).	no	3.000	4301.001	Four Thousand Three Hundred and One point Zero Zero One	12903.003	Twelve Thousand Nine Hundred and Three point Zero Zero Three
							Grand Total:	898684.551	Eight Lakh Ninety-Eight Thousand Six Hundred and Eighty-Four point Five Five One

*** 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.**