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Priced Bill of Quantities (BOQ)

Tender/Proposal Document

Tender/Proposal Detail

Tender/Proposal ID :	858357	Invitation Reference No. :	46.05.0000.424.37.089.23.18
Closing Date and Time :	21-Aug-2023 14:25	Opening Date and Time :	21-Aug-2023 14:25
Procuring Entity :	Office of the EE, Field Maintenance Division-2, Dhaka WASA		
Brief :	Construction of rain shed at pump-motor test bed with electrical rectification under F.M.D-2, DWASA.		
Tender/Proposal Status :	Contract Awarded		

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Lot Detail

Lot No. :	46.05.0000.424.37.089.23.18
Lot Description :	Construction of rain shed at pump-motor test bed with electrical rectification under F.M.D-2, DWASA.

Unit Rate Basis

Table Name : 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	A	N/A	Mobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. All respects and approved by the Engineer-in-charge.	Sqm	52.138	218.001	Two Hundred	11366.138	Eleven Thous	- v
2	A	N/A	Providing layout and carry over PWD bench-mark (BM) at site from nearby BM pillar, property lines, existing ground level (EGL), formation ground level (FGL), highest flood levels (HFL), plinth levels (PL), mean sea level (MSL), setting and marking all pillars, marker, pegs etc. showing and maintaining reduced levels (RL's) including locating, establishing, protecting all public utilities within the premise of work and finally all to be presented in black and white.	Sqm	52.138	33.001	Thirty	1720.606	One Thous	- v
3	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.	Cum	3.972	8886.001	Eight Thou	35295.190	Thirty-Five	- v
4	A	N/A	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	102.742	362.001	Three Hundred	37192.704	Thirty-Seven	- v
5	A	N/A	Supply and installation of 0.47 mm thick zinc alum color coated profile sheet for roof, wall, capping, flashing, trimming, gutter etc. conforming to ASTM A792, Grade: 80, AZ150 gm/m2, including the cost of necessary accessories (sheeting screws with washers, silicon sealant etc.), testing of materials etc. all complete as per drawing specification and direction of Engineer-in-charge.	Kg	664.620	322.001	Three Hundred	214008.304	Two Lakh	- v
6	A	N/A	Supply & installation of hot role section (H shape, I Shape) for column, beams etc. Confirming ASTM, with a minimum yeild strength of 250 Mpa including cost of testing of ptes. All complete as per direction of the engineer in charge.	Kg	500.000	131.001	One Hundred	65500.500	Sixty-Five	- v
7	A	N/A	Supply fabrcation and installaion of hot rolled structuralgrade steel channeland angle In rool tru3s or any fom of slruc1urc olany ltrickness conlorminolo ASTM A36 wth a mrn mum y eld stenglh o1250 MPa, including the cost ollesting, applic2tion ot rcd/grey{xide pdmer etc. (up to level4) all @mplete as direction of the engineer in charge.	Kg	400.000	129.001	One Hundred	51600.400	Fifty-One	- v
8	A	N/A	Colour wash with yellow orchard/any other colour pigment by two coats over a prime coat of white wash, lime mixture prepared at least 12 hours before use, slacking stone lime, supplying of gums, blue, stirring	Sqm	153.346	25.001	Twent y-Five	3833.803	Three Thous	- v

			thoroughly, removing the floating materials from the mixer, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge.							
9	A	N/A	Exterior standard acrylic emulsion paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhilik synthetic enamel/Elite quick drying/Asian decora synthetic enamel or equivalent brand) in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/roller/spray in 2 coats over single coat anti-corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge.	Sqm	160.000	274.001	Two Hundr	43840.160	Forty- Three	- v
10	A	N/A	Concealed conduit wiring for following point looping at the switch board with earth terminal with 1C-2x1.5 sqmm PVC insulated and sheathed stranded cable (BYM) & same size PVC insulated ECC (BYA) (Green / White color) including circuit wiring with 1C-2x2.5 sqmm PVC insulated and sheathed stranded cable (Light / exhaust or wall bracket fan point	Nos	2.000	1305.001	One Thou	2610.002	Two Thous	- v
11	A	N/A	Concealed conduit wiring for following point looping at . The work shall be carried out as per direction & approval of the Engineer. Cables manufactured by govt. of BANGLADESH owned / shared company Ltd. (Eastern cables) approved by the Engineer. Fan point	Nos	2.000	1203.001	One Thou	2406.002	Two Thous	- v
12	A	N/A	Providing & fixing the 1 x 4' x 40 watt fluorescent tube light fitting of following manufacturers model & catalogue number with superior quality electronic ballast of one year guarantee, holder, necessary wiring with 2 X 0.4 sq. mm PVC insulated (stranded) flexible FR wire, earth terminal etc. (except lamp) complete sample accepted / approved by the Engineer. GLORIA cat No. GTF.755x1x40 watt Dgn or equivalent product of ENERGY+, CRESCENT, SHWASH, ASHA.	Nos	2.000	993.001	Nine Hundr	1986.002	One Thous	- v
13	A	N/A	Supplying & fixing AC capacitor type ceiling fan (without regulator) of following specifications and sizes complete with minimum 305 mm (1 ft) long and 0.75 -1.0" dia, 2.3 mm thickness MS pipe down rod, tempered cast aluminum blades, 2.5 µf 400V AC capacitor, canopy, double Z ball bearing, best quality silicon sheet core, best quality copper made super enamel wire. As per direction of the engineer in charge.	Nos	2.000	3914.001	Three Thou	7828.002	Seven Thous	- v
14	A	N/A	Concealed conduit wiring with following PVC insulated and sheathed stranded cable (BYM) & PVC insulated green/white coloured ECC wire (BYA) through PVC conduit (Lira brand or equivalent product of other reputed manufacturer) complete with 18 SWG GP sheet. Cables manufactured by Eastern Cables Ltd or equivalent approved by the Engineering-in-Charge. a) 1C-2x1.5 sqmm (BYM) cable with 1.5 sqmm (BYA) ECC wire	P/M	25.000	223.001	Two Hundr	5575.025	Five Thous	- v
15	A	N/A	Concealed conduit wiring with following PVC insulated and sheathed stranded cable (BYM) & PVC insulated green/white coloured ECC wire (BYA) through PVC conduit (Lira brand or equivalent product of other reputed manufacturer) complete with 18 SWG GP sheet. Cables manufactured by Eastern Cables Ltd or equivalent approved by the Engineering-in-Charge. b) 1C-2x2.5 sq. mm. (BYM) cable with 2.5 sq. mm (BYA) ECC wire through PVC pipe of min. inner dia 16 mm having wall thickness of 1.5 mm	P/M	25.000	297.001	Two Hundr	7425.025	Seven Thous	- v
16	A	N/A	Site cleaning work for removing of debris from the site by the contractors own cost as per direction of the engineer in charge.	Per job	1.000	5499.334	Five Thou	5499.334	Five Thous	- v
							Grand Total :	497687.200		