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Priced Bill of Quantities (BOQ)

Tender/Proposal Document

Tender/Proposal Detail

Tender/Proposal ID :	864524	Invitation Reference No. :	46.05.0000.424.37.112.23.33
Closing Date and Time :	13-Sep-2023 14:10	Opening Date and Time :	13-Sep-2023 14:10
Procuring Entity :	Office of the EE, Field Maintenance Division-2, Dhaka WASA		
Brief :	Installation of earthing system for Pump motor set, VFD panel board, LTCT meter panel, SCADA panel at 15 (fifteen) nos. different sub stations under MODS Zone- 10, DWASA.		
Tender/Proposal Status :	Contract Awarded		

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Lot Detail

Lot No. :	46.05.0000.424.37.112.23.33
Lot Description :	Installation of earthing system for Pump motor set, VFD panel board, LTCT meter panel, SCADA panel at 15 (fifteen) nos. different sub stations under MODS Zone- 10, 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	NA	Depth of bottom of main electrode at 37338 mm. (122.5 ft) from GL & length of electrode 36576 mm. (120 ft).	set	15	51536.001	Fifty-One	773040.01	Seven Lakh	--
2	A	NA	Providing & drawing No-2 HDBC wire through 12.7 mm. (½) dia G.I. pipe including fitting, fixing the G.I. pipe in wall or column complete as required Survey.	meter	182	1133.001	One Thous	206206.18	Two Lakh	--
3	A	NA	Construction of earthing inspection pit inside measurement 600 mm x 600 mm with 250 mm thick brick in cement re-enforcement 450 mm dia water sealed CI man-hole cover with locking arrangement including necessary earth works, site filling and one brick flat soling 75 mm thick (1:3:6) base concrete for making inlet channel & 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of .75 meter.	each	15	15776.001	Fifteen Thous	236640.01	Two Lakh	--
4	A	NA	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: soft(Hard) clayey soil/ rubbish etc.(Per side 19 m Length x 0.61 m depth x 0.30 m width = 3.48 cum x 15 side=52.2cum)	cum	52.2	168.001	One Hundr	8769.652	Eight Thousa	--
5	A	NA	Earth filling in foundation trenches and plinth in 150 mm layer with earth available within 90 m of the building site to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including carrying, watering, leveling, dressing and compacting to a specified percentage each layer up to finished level etc. all complete and accepted by Engineer-in-charge..(Per side 19 m Length x 0.31 m depth x 0.30 m width = 1.76 cum x 15 side=26.4cum)	cum	26.4	207.001	Two Hundr	5464.826	Five Thousa	--
6	A	NA	Sand filling in foundation trenches and plinth with sand having F.M.0.5 to 0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 90% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only etc. all complete and accepted by the Engineer in charge. (Per side 19 m Length x 0.31 m depth x 0.30 m width = 1.76 cum x 15 side=26.4 cum)	cum	26.4	1088.001	One Thous	28723.226	Twenty-Eight	--
7	A	NA	Installation charge for earthing Cable wiring inside of pump house (1 No of skilled Technician will work for one day at per work. So Number of skilled Technician= 1 x 15=15 person.	Person	15	1200.001	One Thous	18000.015	Eighteen	--
8	A	NA	Providing & fixing 30cm X 8cm and 6mm. thick. copper plate with eight nos. hole. 2nos. hole use for insulator and six hole will be used for other purpose. One inch length copper nut-bolt with	set	15	3800.001	Three Thous	57000.015	Fifty-Seven	--

			washer will be enclosed in each hole. Copper Bar on plinth wall (Fixed on wall by clamp and insulator).							
9	A	NA	Supply and installation of 1X 16 mm BYA/Green Cable for earthing purpose as per Survey.	meter	313	212.451	Two Hundr	66497.163	Sixty- Six	--
10	A	NA	Supply and installation of 8 SWG Copper wire for earthing purpose. (Per boring use 37 meter x 15 Nos.= 555 meter=64.38 Kg or say 65 Kg.	Kg	65	1500.001	One Thous	97500.065	Ninety- Seven	--
							Grand Total :	1497841.1		

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