

Section-6

Bill of Quantities (BOQ)

Name of the work: Maintenance work of NRW, Sluice valve, Bulk water meter to maintain normal water supply in DMA-1003 areas under Mods Zone-10, Dhaka WASA .

SI no	Rate schedule Item No.	Description of Materials	Quantity	Unit	Rate	Amount
1	PWD-2.1.2	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..	14.17	Cum	168.001	2,380.574
2	WASA1/3/b	6" C class PVC pipe for fitting and fixing in S/V and ashout chamber, all completed as per direction of Engineer in arge.	38.10	RM	805.001	30,670.538
3	PWD-2.9	Extra -over item 1 for the excavation and removal of loose soil from site and the back fill of the excess excavation with approved with the technical specification .	14.17	Cum	1,054.001	14,935.194
4	Approved Rate	Repair and Maintenance & Construction work of various diameter sluice valve. Sluice valve spindle, pinium, gate, nut volt open from the s/v chamber and repair/ reconstruction from workshoop. Then fitting and fixing with s/V and replace into the chamber. Materials cost labour charge caring by the engineer				
		300 mm dia SV spindle	2.00	Each	5,000.001	10,000.002
		200 mm dia SV spindle	4.00	Each	4,000.001	16,000.004
		150 mm dia SV spindle	6.00	Each	3,500.001	21,000.006
		300 mm dia SV Pinium	2.00	Each	3,500.001	7,000.002
		200 mm dia SV Pinium	6.00	Each	2,500.001	15,000.006
		150 mm dia SV Pinium	4.00	Each	2,000.001	8,000.004
		Nut volt for SV, NRV, and FM	30.00	Each	80.001	2,400.030
		Gascate	20.00	Each	90.001	1,800.020
		25 mm dia Bond Plug	8.00	Each	150.000	1,200.000
		37-50 mm dia Bond Plug	6.00	Each	250.000	1,500.000
5	Approved rate	Extra -over item 1 for supply and lay of HDPE sleeve for the pipe materials and diameter given below in accordance with the technical specification and the standard detail drawing.				
		300 mm dia MS Dresser	4	Each	8,500.001	34,000.004
		200 mm dia MS Dresser	6	Each	4,500.001	27,000.006
		150 mm dia MS Dresser	8	Each	2,500.001	20,000.008

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6	PWD-02.10.1	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 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per esign supplied by the design office only, all complete and accepted by the Engineer-in-charge.	10.63	Cum	1.167.001	12,405.221
7	WASA R.S-18	Hire Charge of de-watering pump. Bailing out of all from pipe line trench with supply of De- watering pump required size including supplying of fuel, lubricants and all other required accessories & manpower to keep the trench in a dry condition at all times etc. all complete as per direction of the E/C.	15	Per/day	1.862.001	27,930.015
8	PWD-32.45.2	Renewing of premium synthetic enamel paint to Cover & Delivery line 2coat	16.7	sqm	197.001	3,289.917
9	MR	Skilled Technician for open, cleaning and necessary maintenance of Flow meter, NRV, Gate Valve at delivery line of DTWs and fitting fixing in previous position with necessary tools.	30	Nos	1,200.000	36,000.000
10		Wire brush, Hack saw bframe, blade, Lathe work , Lampsum	1	item	7,000.000	7,000.000
Sub Total						299,511.551
In word: Two Lac Ninety Nine Thousand Five Hundred Eleven Point Five Five One Only.						

Tender Price quoted by the Tenderer : (% above / Less)

1.2% Less (Quoted Amount)

Tk. In Figure : 2,95,917.412/-

Tk. In Word : Two lac Ninety five Thousand Nine Hundred Seventeen point four one two only.

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