

**OFFICE OF THE EXECUTIVE ENGINEER
MODS ZONE-10, DHAKA WASA**

Estimate

Name Of Work : Fabrication and repair work of box wrenches, crowbars, handles, and hooks for operating sluice valves under MODS Zone-10, Dhaka WASA.

SL No	Base of Rate	Description of Materials	Unit	Quantity	Rate	Amount
1		Supplying, fitting and fixing of G.I. pipe with 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				
	PWD-26.42.3	25 mm dia G.I. pipe with wall thickness 3.35 mm, outside diameter min 31.7 mm, weight 2.59 kg/m, can withstand min 50 kg/cm ² hydraulic pressure.	RM	15.00	700.480	10507.200
2	MR	All-inclusive cost (including labor) for fabricating a socket or head at the handle end of a GI pipe—intended for operating a sluice valve—using a 12mm diameter MS rod; the process involves cutting, bending, electric welding, grinding/finishing, and joining the MS component to the GI pipe.	Each	5.00	1000.001	5000.005
3	MR	All-inclusive work at the DMA chamber to modify the sluice valve wheel system—facilitating operation from street level—by welding a 12mm diameter MS rod to the sluice valve stem to create a square operating head, including finishing, jointing, and labor charges.	Each	5.00	1000.001	5000.005
4	MR	Debris often accumulates while operating the sluice valve, requiring the use of a long-handled scoop for cleaning; therefore, the costs involved in fabricating this scoop from MS rod include the price of the rod itself and the labor charges for welding the joints.	Each	2.00	1500.001	3000.002
5	MR	Crowbars made of MS rods are used to break or excavate hard-surfaced bituminous or CC (cement concrete) pavement when exposing sluice valve boxes or chambers on various roads.	Each	2.00	1200.001	2400.002
6	PWD-26.43.3	6" C class PVC pipe for fitting and fixing in S/V and washout chamber, all completed as per direction of Engineer in charge.	RM	8.00	1599.001	12792.008
7	Approved rate	Skilled labour for PVC pipe cutting, fitting and operating cutting disk.	Each	1.00	1200.001	1200.001
8	Approved rate	Ordinary/casual labour for earth excavation to rise S/V in Road level and back filling of sand and S/V, washout operation	Nos	4.00	1000.001	4000.004
9	Approved rate	Hire charge of marble cutting disk for pipe cutting	P/Day	1.00	600.001	600.001
10	MR	The hook used for lifting the top cover or box before operating the sluice valve is made of 10 mm diameter MS rod.	Each	10.00	250.001	2500.010
11		Purchase for bamboo, rope, hacksaw set, GI wire etc	L.S	1	2000.001	2000.001
Sub Total						48,999.239
In word: Forty Eight Thousand Nine Hundred Ninety Nine Point Two Three Nine Taka Only						

মোহাম্মদ আবদুল হক
উপ-সহকারী প্রকৌশলী
মডস জোন-১০, ঢাকা ওয়াসা।

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