

Office of the Executive Engineer

MODS Zone-5,Dhaka WASA

Mohakhali T.B. Gate, Dhaka-1212

Name of Work : Repairing, Re-fixing & Raising of manhole Cover at Road 13 & 14 , Block-D Banani under MODS Zone- 5, DWASA

Sl. No	Basis of rate	Description of item	Qty.	Unit	Rate (Tk)	Amount (Tk.) (4x6)
1	2	3	4	5	6	7
1	PWD-32.5.2	Dismantling of Rcc road/bitumin road/Plain Concreate etc	2.600	Cum	1,325.001	3,444.897
2	PWD-1.2.5	Excavation in all materials except rock for the construction of main sewer manholes to the full depth and maximum dimensions required by the Specification in the various depth ranges give below. All in accordance With the Technical Specification and standard detail Drawings. The rate include for all necessary de-watering to maintain the excavation in a dry condition at all times. Preparation of the bottom of the excavation materials. a) For Depth not exceeding 1.5m	5.200	Cum	217.001	1,128.370
3	PWD-2.14	Clearing and disposing of excavated earth from the site by truck or any other means to a place within 30 km radius of the city or town area including loading, uploading at both ends, leveling and dressing the carried earth etc. complete and accepted by the engineer.	5.200	Cum	539.001	2,802.719
4	PWD-4.1	Brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:6) in foundation and plinth, filling the joints/interstices fully with mortar, racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity and other charges and accepted by the Engineer-in-charge.(Cement: CEM-II/B-M)	2.120	Cum	9,140.001	19,372.232



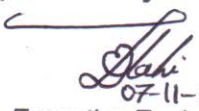


5	PWD-7.1.1	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum $f_{cr} = 24$ MPa, satisfying a specified compressive strength $f'_c = 19$ MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type - I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded Brick Chips conforming to ASTM C-33, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper, fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering)	0.643	cum	10,292.001	6,616.882
6	PWD-15.1	Plaster work :-Minimum 12mm thick cement plaster (1:4) with fresh cement to wall both inner and outer surface finishing the corner edge including washing of sand cleaning the surface scaffolding and curing at least for 7 days etc all complete.	10.362	sqm	649.001	6,724.948
7	WASA	Fitting, fixing of cast iron/SMC/RCC Manhole cover to manhole and service pits for the clear access as given below. All in accordance with the Technical Specification and the standard detail drawings, the rate to include for Bitumen painting of the cover and setting in class A Mass concrete (with cement) including the supply of all materialsb) 550 mm. Diameter for main sewer Manholes.	4.00	P/nos	801.001	3,204.004
8	WASA	Making Barricading for safety security work of place. All works should be done as per direction of the E/C.	4.00	Each	1,200.001	4,800.004
9	L/S	Site Cleaning	1.00	Item	1,405.944	1,405.944
Total Tk.						49,500.000

In word:(Fourty Nine Thousand Five Hundred) Taka Only.


7/11/23
Sub-Assistant Engineer
MODS Zone-5
Dhaka WASA


7.11.23
A.E/ S.D.E
MODS Zone-5
Dhaka WASA


07-11-2023
Executive Engineer
MODS Zone-5
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