

Office of the Executive Engineer
MODS Zone-1, Dhaka WASA.

Name of work:-Raising of Manhole & Fitting Fixing of Manehole Cover at Holding No-50 SK Das Road, 53 Sk Das Road, 20 Distrillary Road & 39/1 Distrillary Road Gendaria Area Under Mods Zone-1 Dhaka WASA.

S.L No	WASA Rate Schedule - 2011+ 15% & PWD-2018	Description of the items	Qty	Unit	Rate (TK)	Total Amount (TK)
1	2	3	4	5	6	7=4x6
1	DWASA Sewer 8/B	Supply of Fit cast Iron 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 materials. (Excluding cost of Cement) b) 550 mm. Diameter for main Sewer Manholes.	4.00	Nr.	Departmental Supply	
2	PWD-32.5.1.1	Dismantling of unserviceable/damaged brick works (with cement or lime mortar) of thickness 250 mm in foundation and superstructure and removal of debris to a safe distance.	2.79	cum	434.00	1210.86
3	DWASA-I	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark 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.	3.76	cum	171.00	642.71
4	PWD-04.3	Brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and soaking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) In ground floor.	1.35	cum	6769.00	9138.15
5	PWD-03.5.1	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. (Cement: CEM-II/A-M) Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1:2.	1.44	cum	7643.00	11005.92
6	PWD-15.3	Providing 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 three 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.	5.40	sqm	295.00	1593.00

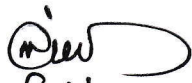
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7	PWD-02.10.1	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.	3.76	cum	635.00	2386.69
8	Approved Rate	Site Protection Berriar With Bamboo , Wire, Rope, Red Flag etc all Completed as per Direction of E/C.	4.00	Nos	2000.00	8000.00
9	Approved Rate	Skill Mason worker.	6.00	Nos	647.00	3882.00
10	Approved Rate	Un- skill worker.	8.00	Nos	615.00	4920.00
11	DWASA-20	Hire charge of de-watering Pump :Bailing out of all water 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 completed as per direction of the E/C.	2.00	P/day	2141.00	4282.00
12	Approved Rate	Total site cleaning accoroding to working area.	1.00	Item	1700.00	1700.00
Total Taka						48761.33

In word: (Fourty Eight Thousand Seven Hundared Sixty One Point Three Three)Taka Only.


20.07.23

Md. Mizanur Rahman
Sub-Assistant Engineer
MODS Zone-1
Dhaka WASA


20.07.23

Md Emdadul Haque
Assistant Engineer
MODS Zone-1
Dhaka WASA


20.07.23

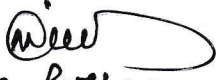
Md. Al Amin
Executive Engineer
MODS Zone-1
Dhaka WASA

Office of the Executive Engineer
MODS Zone-1 Dhaka WASA.

Calculation Sheet

Name of work:-Raising of Manhole & Fitting Fixing of Manhole Cover at Holding No-50 SK Das Road, 53 Sk Das Road, 20 Distrillary Road & 39/1 Distrillary Road Gendaria Area Under Mods Zone-1 Dhaka WASA.

1). (Est Item no-1)	550 mm dia CI Manhole Cover					Departmental Supply	4.00	Nr
2). (Est Item no-2)	Dismantling of unserviceable/damaged brick	4 x	3.00 x	0.4 x	0.3		1.44	Cum
		4 x	2.70 x	0.25 x	0.5		1.35	Cum
						Total	2.79	Cum
3. (Est Item no-3)	Earth work in excavation in all kinds of soil	4 x	5.56 x	0.34 x	0.5		3.76	Cum
4. (Est Item no-4)	Brick works with first class bricks with cemer	4 x	2.70 x	0.25 x	0.5		1.35	Cum
5. (Est Item no-5)	Cement concrete (C.C) works (Four Segment	4 x	3.00 x	0.4 x	0.3		1.44	Cum
6. (Est Item no-6)	Providing minimum 12 mm thick cement sanc	4 x	2.70 x	0.5			5.40	sqm
7. (Est Item no-7)	Sand Filling Work	4 x	5.56 x	0.34 x	0.5		3.76	Cum
8. (Est Item no-8)	Site Protection work						4.00	Nos
9. (Est Item no-9)	Skill Mason worker.						6.00	Nos
10. (Est Item no-10)	Un- skill worker.						8.00	Nos
11. (Est Item no-11)	Hire charge of de-watering Pump :Bailing out of all water from pipe line trench						2.00	days
12. (Est Item no-12)	Total side cleaning accroding to working area	1				Item LS.	1.00	Item


20/07/23

মোঃ মিজানুর রহমান
উপ-সহকারী প্রকৌশলী
মডস জোন-১
ঢাকা ওয়াসা।


20.07.23

মোঃ ইমদাদুল হক
সহকারী প্রকৌশলী
মডস জোন-১
ঢাকা ওয়াসা।


20/7/23

মোঃ আল আমিন
নির্বাহী প্রকৌশলী
মডস জোন-১
ঢাকা ওয়াসা।