

Dhaka Water Supply & Sewerage Authority
Office of the Executive Engineer
MODS Zone-1, Dhaka WASA.

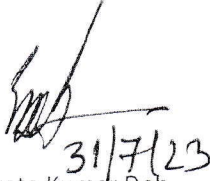
Name of Work: Repairing and Raising of Manhole Cover at Ahammedbag, Kadomtola, Basabo, Gopal Saha Lane, Nondolal Datta lane, Shiris das lane and Paridash lane, Sutrapur Area Under Mods Zone-1 Dhaka WASA.

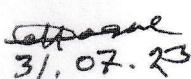
Item no.	Group	Item Code (If any)	Description of Items of Works (specifications preferably built-In)	Unit	Quantity	Unit rates or prices (In figures) (BDT)	Amount (In figures) (BDT)
1	Sewer	1/1	Excavation in all materials except rock for the construction of main sewer manholes to the full depth and maximum 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 dewatering to maintain the excavation in a dry condition at all times; preparation of the bottom of the excavation. (Cost of excess excavated earth would be deducted as per deptt. materials rate.)	m ³	82.740	149.001	12328.34
2	Sewer	5/b	Placing of Mass concrete for the base of service pit & Benching to manhole and service pit including the supply of all materials all in accordance with the technical specification and standard drawings. a) Mass concrete (1:2:4) for cover slab & benching of M.H& pit.	m ³	9.400	5,654.001	53147.61
3	Sewer	6	Erection of Brickwork for the walls of manhole and service pit ,at any req. depth. all in accordance with the technical specification and standard details drawings .the rate to include for the supply of first class bricks , the preparation of sand cement mortar(1:4) including the supply of all materials and flush pointing to the face of the brickwork wall.	m ³	16.960	4,819.001	81730.26
4	Sewer	7	Extra over item 4/1 for the provision of sand cement plaster(1:4) to the external faces of manhole and services pit in place of the flush pointing finish , all in accordance with the technical specification and standard Details. The rate to include for the supply of all materials.	m ²	82.940	179.001	14846.34
5	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	Nr.	16.000	801.001	12816.02
6	Sewer	9	Supply and Fitting Cast Iron Step-Irons to manholes and service pits, all in accordance with the Technical Specification and the Standard Details Drawings. The rate to include for Bitumen painting of the step-irons (including the supply of materials) and building in to the chamber walls as brickwork erection proceeds.	Nr.	14.000	854.999	11969.99

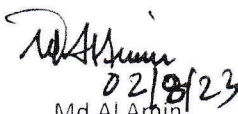




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7	Sewer	11	Provision of Bituminous Coating to the external faces of Manholes and service pits at all depths, in accordance with the Technical Specification. To include for the supply of all materials.	m ²	82.940	105.001	8708.78
8	Sewer	11/1	Extra-over item 1 for the supply and placing of saturated river sand / earth backfill for all required trench depths in accordance with the technical specification and standard detail drawings, for all sewer pipe diameters. a) Back filling by saturated river sand (at any depth)	m ³	30.385	503.001	15283.93
9	Sewer	16	Provision for bailing out of all kinds of sewage and sludge from existing sewer line for making dry and working arrangement in downstream of working area with all leads & lifts of pumps or any other means etc. all complete as per direction of the Engineer in charge.	p/day	8.000	1,862.001	14896.01
10	Sewer	18	Removal of Excavated earth and clean the site for a smooth traffic movement during execution of the works and as per direction of the Engineer-in charge..	m ³	82.740	287.999	23829.07
11	Sewer	19/a	Demolition of the existing RCC/CC/Brick Sewer deck slab/foundation/wall/railing/abutment/beam etc. with soling under RCC/CC in bed, without disturbing the foundation soil and dumping the materials to a safe place as per direction of the Engineer. a) RCC/CC work	m ³	1.750	1,251.001	2189.25
12	Sewer	19/b	Demolition of the existing RCC/CC/Brick Sewer deck slab/foundation/wall/railing/abutment/beam etc. with soling under RCC/CC in bed, without disturbing the foundation soil and dumping the materials to a safe place as per direction of the Engineer. b) Brick work (sewer/wall)	m ³	25.030	668.999	16745.05
13		PWD	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.	p/day	12.000	2327.501	27930.01
14	Sewer		Site Cleaning, Providing Safety Measures	Lum sum	1.000	10,000.000	10000.00
Total Tk =							306420.66
In word : Three Lac Six Thousand Four Hundared Twenty Piont Six Six Taka Only.							


 31/7/23
 Subroto Kumar Deb
 Sub-Assistant Engineer
 MODS Zone-1, Dhaka WASA


 31.07.23
 Md. Emdadul Haque
 Assistant Engineer
 MODS Zone-1, Dhaka WASA


 02/8/23
 Md. Al Amin
 Executive Engineer
 MODS Zone-1, Dhaka WASA