

Office of the Executive Engineer
MODS Zone-7, Dhaka WASA

Name of the work : Interconnection of 160 mm dia water line at North Vuigor near Baitul Haque Jame Mosque under MODS Zone-7, Dhaka WASA.

Summary Sheet

Sl No	Descriptions	Amount (Tk.)	Remarks
1	Part-A: Departmental Materials Supply	Tk. 101250.000	
2	Part-B: Contractors labour & Materials Supply (Tender Amount)	Tk. 297947.289	
3	Total Cost of the Work	Tk. 399197.289	
4	Deduction Part-A: Departmental Materials Supply	Tk. 101250.000	
5	Tender Amount: (Part-B Contractors labour & Materials Supply)	Tk. 297947.289	

Total Amount (in word) : Two Lakh Ninety Seven Thousand Nine Hundred Forty Seven Point Two Eight Nine Taka.

14.05.15

মনোজ ডাক্তার
উপ-সহকারী প্রকৌশলী
মডস জোন-৭, ঢাকা ওয়াসা

14.5.25

মোঃ আফজাল হোসেন
সহকারী প্রকৌশলী
মডস জোন-৭
ঢাকা ওয়াসা

14/05.2025

মোঃ লিমান মিয়া
নির্বাহী প্রকৌশলী (চঃ পাঃ)
মডস জোন-৭
ঢাকা ওয়াসা

সত্যায়িত
14.06.25
মোঃ আফজাল হোসেন
সহকারী প্রকৌশলী
মডস জোন-৭, ঢাকা ওয়াসা

Office of the Executive Engineer
MODS Zone-7, Dhaka WASA

Name of the work : Interconnection of 160 mm dia water line at North Vuigor near Baitul Haque Jame Mosque under MODS Zone-7, Dhaka WASA.

Part-A (Depermentental Materials Cost)

Item No.	Description of the items	Qty.	Unit	Approved Rate (Tk)	Total Amount (Tk)
1	UPVC Pipe (PN-10) (ISO4422-2) (1996) 160 mm dia	125 000	meter	810 00	101,250 000
Total Amount =					101,250 000

Total Amount (in word) : One Lakh One Thousand Two Hundred Fifty Taka.

14.05.25

মোঃ আব্দুল হাকিম
উপ-সহকারী প্রকৌশলী
মডস জোন-৭, ঢাকা ওয়াশা।

14.5.25

মোঃ আফজাল হোসেন
সহকারী প্রকৌশলী
মডস জোন-৭
ঢাকা ওয়াশা

14.05.2025

মোঃ লিমন মিয়া
নির্বাহী প্রকৌশলী (চঃ দাঃ)
মডস জোন-৭
ঢাকা ওয়াশা

সত্যায়িত
30.6.25
মোঃ আফজাল হোসেন
সহকারী প্রকৌশলী
মডস জোন-৭, ঢাকা ওয়াশা।

Office of the Executive Engineer
MODS Zone-7, Dhaka WASA.

Estimate

Name of the work : Interconnection of 160 mm dia water line at North Vuigor near Baitul Haque Jame Mosque under MODS Zone-7, Dhaka WASA.

Part-B (Contractors labour & Materials Supply)

Item No	Group	Basis of rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Total Amount = (6x7)
1	2	3	4	5	6	7	8
1	Civil	DWASAW ater-11/1	Installation and laying of (uPVC) Unplasticized polyvinyl chloride/DI / PE /MS water pipelines (including supply of materials, fittings, Equipment described in schedule of requirement Annex --Section--) in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil,BFS/HBB/ Bituminous Rd CC RCC rd surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (any damage Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, preparation of trench bottom, at depth of 1.2.M transport (all kinds of materials, equipment, pipes & fittings) to site, laying, jointing and cleaning of the water pipes; disposal of surplus excavated material and transport back surplus materials to Dhaka WASA stores (materials supplied by Dhaka WASA described in Annexure -----) as per specifications and direction of Engineering in charge (cost of excess excavated earth would be deducted as per deptt material rate) a) uPVC Pipe (PN -10) (ISO 4422-2 (1996) 160 mm dia	mm	125.000	71.000	8,875.000
2	Civil	DWASAW ater-11/3/14	MS Tee 250X160X250mm	each	1.000	5126.000	5,126.000
3		DWASAW ater-11/3/14	MS Tee 160X160X160mm	each	1.000	2460.001	2,460.001

১৭/১১

১৭/১১

সত্যায়িত
১৭/১১/১৪
মেজঃ আব্দুল হক হোসেন
সহকারী প্রকৌশলী
মডেম জোন-৭, ঢাকা ওয়াসা

Item No	Group	Basis of rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Total Amount = (6x7)
1	2	3	4	5	6	7	8
4	Civil	DWASAW ater-11/2/24	PVC End Cap 160mm (PN 10)				
5		DWASAW ater-11/4/2	250 mm dia CI Dresser Coupling in/c nut-bolts	each	2.000	908.940	1,817.880
6	Civil	DWASAW ater-11/4/2	160 mm dia CI Dresser Coupling in/c nut-bolts	each	2.000	2050.000	4,100.000
7	Civil	DWASAW ater-11/5/1	C.I Gate valve (FL. type) BS 5150 Local (160 mm dia)	each	8.000	1227.000	9,816.000
8	Civil	DWASAW ater-11/6/a	Extra-over item 1 for the supply, depositing and compaction of fine sand (FM 0.8) bedding, surrounding and above pipes up to required depth with proper ramming of 150mm layer as per specifications and direction of Engineering in charge and standard detail drawings for all pipelines. 6/a-Bedding and surrounding by River Saturated Sand (FM 0.8)	each	1.000	18076.000	18,076.000
			1.000 125.000 0.600 0.410 30.750				
			-1.000 15.000 0.040 -0.596				
			30.154	cum	30.154	578.001	17,428.979

mon

Sum

সত্যপ্রিয়
১৯/০৬/২৩
মোঃ আবজাল হোসেন
সহকারী প্রকৌশলী
মডুস জোনা-৭, ঢাকা ওয়াশা

Item No	Group	Basis of rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Total Amount = (6x7)
1	2	3	4	5	6	7	8
9	Civil	DWASAW ater-11/6/b	Extra-over item 1 for the supply depositing and compaction of fine sand back filling (FM 0.8) at all required depth in accordance with the technical specification and direction of Engineering in charge, and standard detail drawings for all water pipe line diameters. 1.000 125.000 0.600 0.620 46.500 46.500	cum	46.500	578.001	26,877.047
10	Civil	DWASAW ater-11/7	Back filling by excavated granular soil including depositing and compaction at all required depth in accordance with the technical specification by excavated soil for kutcha road surface 1.000 125.000 0.600 0.900 67.500 67.500	cum	67.500	154.001	10,395.068
11	Civil	DWASAW ater-11/9	Extra-over item 1 for the excavation and removal of soft soil (on written permission of E/C) from the trench bottom beyond allowable depth and back fill of this by supplying, depositing and compaction in 150 mm layer of fine sand (FM 0.8) at all required depth in accordance with the technical specification and direction of 1.000 125.000 0.600 2.130 159.750 159.750	cum	159.750	331.200	52,909.200
12	Civil	DWASAW ater-11/13	The excavation of trial holes and the completion of back fill with approved fill materials, all in accordance with the technical specification. 2.000 1.500 1.500 2.500 11.250 11.250	cum	11.250	184.000	2,070.000
13	Civil	DWASAW ater-11/14	Interconnection of water pipelines to any existing water supply networks, the rate includes for excavation, cutting, necessary plugging, de-watering, cleaning and unplugging, protection and repair of any existing structures. All works shall be done in accordance with Technical Specification and direction of Engineering in charge and Standard detail Drawings for the diameter of the existing water pipelines given below. 250/250 mm dia to 160 /150 mm dia PVC	each	1.000	2584.050	2,584.050

MGR

[Signature]

সত্যায়িত
২০.৬.২১
মেধ আফজাল হোসেন
সহকারী প্রকৌশলী
মডস জোন-৭, ঢাকা ওয়াশা

Item No	Group	Basis of rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Total Amount = (6x7)
1	2	3	4	5	6	7	8
14	Civil	DWASAW ater-11/16/1	Shifting and connection of existing Service Lines to improved systems for all depths, diameters, length up to meter chambers at consumers premises. The rate to include all necessary uPVC BS E-class pipes/ PE Pipe, excavation, PVC clamp saddles or CI clamps, quality fittings, valves, appropriate drilling system for making holes in pipes, backfilling with sand (FM 0.8), plugging, de-watering, cleaning, unplugging, fitting fixing of float valve / check valve at the end of service line(in the reservoirs), shifting or change of service meter. The contractor will be responsible for work up to the meter chamber and contractor will keep record of service line shifting works. The contractor will arrange to make the meter chamber with cost of consumer if there is no chamber or poor quality chamber. The rate includes all pipes, fittings, materials (domestic meter shall be provided by DWASA), installation arrangement, for necessary diversion and provide water to consumer for disturbing period, pressure test of each connection . After completion of work, contractor will submit the list of shifting work. All works shall be done in accordance with Technical Specification, direction of Engineering in charge and approved drawings.	each	29,000	1398.400	40,553.600
15	Civil	DWASAW ater-11/16/2	DN 20 to DN 25mm dia DN 32mm to DN 50mm dia <i>সত্যজিৎ</i> <i>(23/05/25)</i> <i>মোঃ আফজাল হোসেন</i> <i>মোঃ হারুন আল-রশীদ</i>	each	1,000	2324.150	2,324.150
16	Civil	DWASAW ater-11/18	Placing of Mass concrete 1:3:6 for the anchor blocks at all bends, tees and reducers, including the supply of all materials in accordance with technical specification and direction of Engineering in charge and standard drawings. The rate to include for necessary additional excavation; supply of all materials and for the wrapping of all PVC fittings encased in concrete with two layers of heavy duty polythene sheeting.	cum	1,000	5628.100	5,628.100
			5,000 1,000 1,000 0.200 1,000				
			1,000				





Item No	Group	Basis of rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Total Amount = (6x7)
1	2	3	4	5	6	7	8
17	Civil	DWASAW ater-11/19	Hiring charge for supply and installation of MS sheets (1800x900x18mm) over the trench / road surface for a smooth traffic movement during the execution of works in accordance with Technical Specification and direction of Engineering in charge. 4.000 3.000 2.000 24.000 24.000	sqm	24.000	445.050	10,681.200
18	Civil	DWASAW ater-11/20	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.	days	15.000	2000.001	30,000.015
19		Approved Rate	Construction Sluice valve chamber on water pipe line chamber including Earth excavation, single layer Polythene, Reinforced Cement concrete (1:2:4) for the top slab, Brickwork (1:4) for the walls 125mm thickness, cement plaster (1:4) to the faces of chamber flush pointing finish, all in accordance with Technical Specification and direction of Engineering in charge, and standard Details.	each	1.000	17250.000	17,250.000
20		Approved Rate	Site cleaning work for the removal all unusable materials from the site with contractor own arrangement all complete as per direction of the E/C.	L/S	1.000	10000.000	10,000.000
21	Civil	Approved Rate	Reconstruction & repairing of service manhole (Sewer/ storm sewer pit) Reconstruction and repairing of other utilities services (Telephone/Gas/Electricity/Sewer/surface & underground drains/storms sewer pit or any other system in the pipe alignment), includes all necessary materials, cables, replacement, reinstallation, repairing of broken service manhole, sewer pit including supply of all types of cables, pipes, fittings, course & fine aggregates, bricks, cement and any other works in accordance with Technical Specification and direction of Engineering in charge, each unit includes total safety, repair, replacement of other utilities for each 100 meter pipelines alignment. all mentioned cost will be paid by Contractor.	each	11.000	1725.000	18,975.000

* Sub-Total Amount = 297,947.289

Total Amount (In Word) : Two Lakh Ninety Seven Thousand Nine Hundred Forty Seven Point Two Eight Nine Taka.

মুঠ ১৭,৭৫,০০০.০০০
মুঠ ১৭,৭৫,০০০.০০০
মুঠ ১৭,৭৫,০০০.০০০
মুঠ ১৭,৭৫,০০০.০০০

১৭.০৫.২৫
১৭.০৫.২৫
১৭.০৫.২৫
১৭.০৫.২৫

১৭.০৫.২৫
১৭.০৫.২৫
১৭.০৫.২৫
১৭.০৫.২৫