

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

Name of the work : Interconnection of 160 mm dia water line North Vuigor under MODS Zone-7, Dhaka WASA.

Summery Sheet

| SI No | Descriptions                                                             | Amount (Tk.)          | Remarks |
|-------|--------------------------------------------------------------------------|-----------------------|---------|
| 1     | Part-A: Departmental Materials Supply                                    | Tk. 148320.000        |         |
| 2     | Part-B: Contractors labour & Materials Supply (Tender Amount)            | Tk. 295626.545        |         |
| 3     | <b>Total Cost of the Work</b>                                            | Tk. 443946.545        |         |
| 4     | Deduction Part-A: Departmental Materials Supply                          | Tk. 148320.000        |         |
| 5     | <b>Tender Amount: (Part-B Contractors labour &amp; Materials Supply)</b> | <b>Tk. 295626.545</b> |         |

**Total Amount (in word) : Two Lakh Ninety Five Thousand Six Hundred Twenty Six Point Five Four Five Taka.**

16.03.25

মনোজ ডাকুয়া  
উপ-সহকারী প্রকৌশলী  
মডস জোন-৭, ঢাকা ওয়াসা।

16.03.25

মোঃ আফজাল হোসেন  
সহকারী প্রকৌশলী  
মডস জোন-৭  
ঢাকা ওয়াসা।

16.03.25

মোঃ কামুন মিয়া  
নির্বাহী প্রকৌশলী (চঃ দাঃ)  
মডস জোন-৭  
ঢাকা ওয়াসা।

সত্যায়িত

16.03.25  
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 North Vuigor under MODS Zone-7, Dhaka WASA.

Part-A ( Deperftamental Materials Cost )

| Item No.                                                                          | Description of the items           | Qty.    | Unit  | Approved Rate (Tk) | Total Amount (Tk) |
|-----------------------------------------------------------------------------------|------------------------------------|---------|-------|--------------------|-------------------|
| 1                                                                                 | 160 mm dia HDPE Pipe PE 100/ PN 10 | 120.000 | meter | 1236.00            | 148,320.000       |
| Total Amount (in word) : One Lakh Forty Eight Thousand Three Hundred Twenty Taka. |                                    |         |       |                    | 148,320.000       |

Hydr  
16.03.25

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

Ram  
16.03.25

শ্রীঃ আফজাল হোসেন  
সহকারী প্রকৌশলী  
মডস জোন-৭  
ঢাকা ওয়াসা

16.03.2025

শ্রীঃ লিমন মিয়া  
নির্বাহী প্রকৌশলী (চঃ দাঃ)  
মডস জোন-৭  
ঢাকা ওয়াসা

সত্যময়িত  
১৪/০৩/২৫  
মোঃ আফজাল হোসেন  
সহকারী প্রকৌশলী  
মডস জোন-৭, ঢাকা ওয়াসা

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

Estimate

Name of the work : Interconnection of 160 mm dia water line North Vuigor 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 160 mm dia HDPE Pipe PE 100/ PN 10 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) | rm   | 120.000 | 71.000               | 8,520.000            |
| 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 | 2.000   | 2460.001             | 4,920.002            |

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*[Signature]*

সত্যসিদ্ধ  
মোঃ আব্দুল হাই  
সহকারী প্রকৌশলী  
মডন 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)                                                                                                                                                                                                                                                                                                                                 | each | 2,000  | 908.940              | 1,817.880            |
| 5       |       | DWASAW ater-11/4/2  | 250 mm dia CI Dresser Coupling in/c nut-bolts                                                                                                                                                                                                                                                                                                             | each | 2,000  | 2050.000             | 4,100.000            |
| 6       | Civil | DWASAW ater-11/4/2  | 160 mm dia CI Dresser Coupling in/c nut-bolts                                                                                                                                                                                                                                                                                                             | each | 14,000 | 1227.000             | 17,178.000           |
| 7       | Civil | DWASAW ater-11/5/1  | C.I Gate valve (F.L. type) BS 5150 Local (160 mm dia)                                                                                                                                                                                                                                                                                                     | each | 1,000  | 18076.000            | 18,076.000           |
| 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 (F.M 0.8) | cum  | 28.924 | 578.001              | 16,718.038           |
|         |       |                     | 1.000 120.000 0.600 0.410 29.520                                                                                                                                                                                                                                                                                                                          |      |        |                      |                      |
|         |       |                     | -1.000 15.000 0.040 -0.596                                                                                                                                                                                                                                                                                                                                |      |        |                      |                      |
|         |       |                     | 28.924                                                                                                                                                                                                                                                                                                                                                    |      |        |                      |                      |

সত্যজিৎ  
১৯/০৬/২৫  
মোঃ আফজাল হোসেন  
সহকারী প্রকৌশলী  
মডুস জোনা-৭, ঢাকা ওয়াশা

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| 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                                                                                                                                                                                                                                                                                                                                                                                                                                 | 120.000 | 0.600 | 0.620 |      | 44.640  |                      |                      |
|         |       |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |       |      | 44.640  |                      |                      |
| 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 kutchha road surface                                                                                                                                                                                                                                           |         |       |       | cum  | 44.640  | 578.001              | 25,801.965           |
|         |       |                    | 1.000                                                                                                                                                                                                                                                                                                                                                                                                                                 | 120.000 | 0.600 | 0.900 |      | 64.800  |                      |                      |
|         |       |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |       |      | 64.800  |                      |                      |
| 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                                                                                                  |         |       |       | cum  | 64.800  | 154.001              | 9,979.265            |
|         |       |                    | 1.000                                                                                                                                                                                                                                                                                                                                                                                                                                 | 120.000 | 0.600 | 2.130 |      | 153.360 |                      |                      |
|         |       |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |       |      | 153.360 |                      |                      |
| 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.                                                                                                                                                                                                                                                                                       |         |       |       | cum  | 153.360 | 331.200              | 50,792.832           |
|         |       |                    | 2.000                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.500   | 1.500 | 2.500 |      | 11.250  |                      |                      |
|         |       |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |       |      | 11.250  |                      |                      |
| 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. |         |       |       | cum  | 11.250  | 184.000              | 2,070.000            |
|         |       |                    | 260/250 mm dia to 160/150 mm dia PVC                                                                                                                                                                                                                                                                                                                                                                                                  |         |       |       | each | 1.000   | 2584.050             | 2,584.050            |

সত্যস্বিত  
১০.৬.১৫  
মেঃ আবজাল হোসেন  
সহকারী প্রকৌশলী  
মডুস 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 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 | 28.000 | 1398.400             | 39,155.200           |
| 15      | Civil | DWASAW ater-11/16/2 | DN 20 to DN 25mm dia<br>DN 32mm to DN 50mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | each | 2.000  | 2324.150             | 4,648.300            |
| 16      | Civil | DWASAW ater-11/18   | Placing of Mass concrete 1:3:6 for the anchor blocks at all bends, tees end caps 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |        |                      |                      |

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সত্যজিৎ  
২০.৬.১৯  
মোঃ আবজালি হোসেন  
সহকারী প্রকৌশলী  
মডস 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                    |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |        |                      |                      |
|         |       |                   | 3.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.000 | 2.000  |                      | 18.000               |
|         |       |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |        |                      | 18.000               |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                    | sqm   | 18.000 | 445.050              | 8,010.900            |
| 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.                                                                                                                                                                                                                                                                                                                                                     | days  | 14.000 | 2000.001             | 28,000.014           |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | each  | 1.000  | 17250.000            | 17,250.000           |
| 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. | L/S   | 1.000  | 8000.000             | 8,000.000            |
|         |       |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | each  | 10.000 | 1725.000             | 17,250.000           |

Sub-Total Amount = 295,626.545

Total Amount (In Word) : Two Lakh Ninety Five Thousand Six Hundred Twenty Six Point Five Four Five Taka.

Hydr 16.03.25

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

16.03.25

মোঃ আব্দুল হাকিম  
সহকারী প্রকৌশলী  
মডস জোন-৭  
ঢাকা ওয়াশা

16.03.25

মোঃ লিমান মিয়া  
নিবাহী প্রকৌশলী (চঃ দঃ)  
মডস জোন-৭  
ঢাকা ওয়াশা

সত্যায়িত  
16.03.25

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