

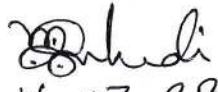
Office of the Executive Engineer  
MODS Zone-4 Dhaka WASA  
Darussalam Road Mirpur Dhaka 1216.

**Estimate**

Name: Repairing of 200mm dia uPVC Pipe leakage at Gudaraghat, B-Block and Road No-05, D-Block Mirpur section 01 at under MODS Zone-4, Dhaka WASA.

| SL No | Description of the item                                                                                                                                                                                                                                                         | Unit  | Quantity | Rate(Tk.) | Amount (Tk.) |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|-----------|--------------|
| 1     | uPVC Pipe(C' class BS 3505)<br>200mm dia                                                                                                                                                                                                                                        | P/M   | 8        | 1216      | 9728.000     |
| 2     | Extra-over item I for supply and lay of Ductile/cost iron dresser type flexible coupling/adapters for the pipe materials and diameter given below in accordance with the technical specification and the standard detail drawing.<br>200 mm dia Dresser Coupling in/c nut-bolts | P/Nr  | 4        | 1450      | 5800.000     |
| 3     | Bedding and surrounding by river saturated Sand.<br>$(10*0.6*0.76)-((3.14*.20^2)/4)*10$<br>$+((1.52*1.52*.60)*3)$<br>$=8.40m^3$                                                                                                                                                 | cum   | 8.4      | 503       | 4225.200     |
| 4     | Backfilling<br>$10*0.76*0.91+(3*(1.52*1.52*0.91))$<br>$=13.23m^3$                                                                                                                                                                                                               | cum   | 13.23    | 134       | 1772.820     |
| 5     | Excavation<br>$(10*0.76*1.52)+(3*(1.52*1.52*1.52))$<br>$=22.08m^3$                                                                                                                                                                                                              | cum   | 22.08    | 288       | 6359.040     |
| 6     | Shifting and connection of existing Service Lines to improved DN 20 to DN 25mm dia                                                                                                                                                                                              | Each  | 6        | 1216      | 7296.000     |
| 7     | Shifting and connection of existing Service Lines to improved DN 32 to DN 50mm dia                                                                                                                                                                                              | Each  | 4        | 2021      | 8084.000     |
| 8     | Hire charge of de-watering Pump                                                                                                                                                                                                                                                 | P/day | 2        | 1862      | 3724.000     |
| 9     | Safety Barriers                                                                                                                                                                                                                                                                 | LS    | LS       | 2000      | 2000.000     |
| Total |                                                                                                                                                                                                                                                                                 |       |          |           | 48989.060    |

In Word: Forty Eight Thousand Nine Hundred Eighty Nine point Zero Six Zero Taka only.

  
16.07.23  
শাহ মোঃ মেহেদী হাসান  
উপ-সহকারী প্রকৌশলী  
মডস জোন-৪, ঢাকা ওয়াসা

  
16/07/23  
মোঃ বিল্লাল হোসেন  
সহকারী প্রকৌশলী  
মডস জোন-৪, ঢাকা ওয়াসা

  
16.07.2023  
Md. Mazharul Islam  
Executive Engineer  
MODS Zone-4, Dhaka, WASA