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**Office of the Executive Engineer**  
**Savar-Keraniganj Wellfield Plant, Dhaka WASA**  
 Bhakurta, Savar, Dhaka  
**Section-6**  
**Bill of Quantities**  
**Estimate**

**Name of Work: Leakage repair in front of DTW 204 delivery line interconnection under SKWP.**

| Sl. No.        | Basis of Rate               | Description of Item/Work                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit | Quantity | Unit Rate (BDT) | Amount (BDT)      |
|----------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|-----------------|-------------------|
| 1              | 2                           | 3                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5    | 4        | 5               | 6                 |
| 1              | PWD SoR 2022<br>SL: 02.1.4  | Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft/saturated / organic clayey soil / soil of semi-liquid state. Extra rate for each additional 0.5 meter depth exceeding 1.5 meter.                                                                                                                                                                                                           | cum  | 20.000   | 202.000         | 4,040.000         |
| 2              | PWD SoR 2022<br>SL: 32.05.2 | Dismantling of plain concrete made of lime or cement and removal of debris to a safe distance.                                                                                                                                                                                                                                                                                                                                                  | cum  | 0.027    | 1,647.000       | 44.469            |
| 3              | PWD SoR 2022<br>SL: 02.2    | Bailing out of trapped water caused by inundation or rain. by pump from foundation trenches                                                                                                                                                                                                                                                                                                                                                     | hour | 4.000    | 474.000         | 1,896.000         |
| 3              | PWD SoR 2022<br>SL: 02.5    | Palisading work by supplying of bitumen drum sheet walling tied with 20 BWG G.I. wire fixing the same with already driven borrak bamboo posts with half split borrak bamboo runners @ 450mm c/c horizontally with iron nails, G.I wire etc. all complete and accepted by the Engineer-in-charge. (Rate is excluding the cost of bamboo post).                                                                                                   | sqm  | 10.000   | 613.000         | 6,130.000         |
| 4              | Approved Rate               | Extra-over item 1 for installation including procurement, supply and carrying of HDPE (PN10, PE 100, SDR 11) Pipe, fittings & MS fittings in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for transportation of fittings to site, cleaning, jointing and laying of the fittings as per specifications and direction of Engineering in charge.             |      |          |                 |                   |
|                |                             | a) 200mmØ MS Dresser Coupling (8mm) with rubber gasket & nut-bolt etc.                                                                                                                                                                                                                                                                                                                                                                          | no's | 1.000    | 13,850.000      | 13,850.000        |
| 5              | PWD SoR 2022<br>SL: 2.10.2  | Sand filling in foundation trenches and plinth with sand having minimum F.M.0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modifod proctor test) by ramming each layer up to the finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.                                                   | cum  | 19.200   | 1,167.000       | 22,406.400        |
| 6              | Approved Rate               | Extra-over item 1 for backfilling by excavated soil including depositing and compaction 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.                                                                                                                                                                            | cum  | 0.800    | 347.000         | 277.600           |
| 7              | PWD SoR 2022<br>SL: 3.5.1   | 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 HDPE fittings encased in concrete with two layers of heavy duty polythene sheeting. | cum  | 0.064    | 8,886.000       | 568.704           |
| <b>Total =</b> |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |          |                 | <b>49,213.173</b> |

**In Words: Forty-Nine Thousand Two Hundred Thirteen Point One Seven Three Only.**

*July 25.08 2025*  
 মোঃ আবুল কালাম আজাদ  
 উপ-সহকারী প্রকৌশলী  
 সার্বজনীন ওয়েলফিল্ড প্লান্ট, ঢাকা ওয়াসা।

*25/08/25*  
 সুশীল কুমার ঘোষ  
 সহকারী প্রকৌশলী  
 সার্বজনীন ওয়েলফিল্ড প্লান্ট  
 ঢাকা ওয়াসা।

*25/08/25*  
 মোঃ নাফিজ ইমতিয়াজ  
 নির্বাহী প্রকৌশলী  
 সার্বজনীন ওয়েলফিল্ড প্লান্ট, ঢাকা ওয়াসা।