**THE FOLLOWING ITEMS IN THE NGARIAMA NJUKINI WATER PROJECT (TWWDA/T/001/2022-2023) BILL OF QUANTITIES WAS REVISED AS INDICATED IN THE TABLE BELOW. THIS WILL FORM PART OF THE CLARIFICATIONS SOUGHT BY THE BIDDERS AND THE BIDDERS MUST ENSURE THEY QUOTE FOR THEM AS INDICATED IN THE REVISED BILL OF QUANTITIES**

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| --- | --- | --- | --- | --- | --- |
| **Bill No. 4A Raw Water Gravity Mains** | | | | | |
| **Item No.** | **Description** | **Unit** | **Quantity** | **Rate** | **Amount (KShs)** |
| 4.1.3.1  4.1.3.2  4.1.6.1  4.1.6.1  4.1.6.6  4.1.7  4.1.8 | Diameter 280mm HDPE Pipes PN 10  Diameter 280mm HDPE Pipes PN 12.5  **AUXILIARY WORKS**  Washouts assembly; with integral isolating valve; fittings and outfall structure Nominal Bore 80 mm and all associated fittings on 280mm dia HDPE pipe, A.R.I or equivalent  Air Valves assembly: triple action, Anti Surge, Anti-shock, c/w separate female threaded stop cock/isolator and isolating valve, PN 12.5 and all associated fittings on 280mm dia HDPE pipe, A.R.I or equivalent  Allow for Testing, Disinfection & Flushing of Pipelines and Fittings. Pressure Testing at 1.5 times the pipe pressure rating.  **Road Crossings (Tarmac/Murram)**  Road Crossing (Tarmac/Murram), Excavate for pipe, Supply and lay 150mm dia Concrete Surround and Spigot Sleeves across the road as a duct for the pipe to be laid.  **Re-Instatement**  Breaking up, Temporary and Permanent reinstatement of Tarmac/Murram road with suitable/approved material as directed by Engineer (Roads) of respective Roads Agency | M  M  No.  No.  M  No.  No. | 4,430  1,930  5  5  6,360  4  4 |  |  |
| **BILL No. 4B TREATED GRAVITY MAINS** | | | | | |
| **Item** | **Description** | **Unit** | **Quantity** | **Rate** | **Amount** |
| 4.2.3.1  4.2.3.1  4.2.3.1  4.2.3.1  4.2.3.1  4.2.3.1 | Diameter 450mm HDPE PN 10  Diameter 315mm HDPE PN 10  Diameter 280mm HDPE PN 10  Diameter 280mm HDPE PN 12.5  Diameter 280mm HDPE PN 16  Diameter 225mm HDPE PN 10 | M  M  M  M  M  M | 360  5,532  2,188  2,040  2,080  2,695 |  |  |
| **Bill No.5 Mbiri Gichonjo Distribution Line** | | | | | |
| 5.3.1  5.3.2 | Diameter 110 HDPE PN 10  Diameter 110 HDPE PN 12.5 | M  M | 3,840  1,192 |  |  |
| **Bill No.15 Pumphouse & Generator Room** | | | | | |
| 15.18.3 | Three Phase Diesel Generator Set | No | 1 |  |  |