

**PROJECT: CHEPSAMO WATER PROJECT.(KAPTARAKWA WARD) FY 17/18**

**BILL NO: 1.0. PIPELINE EXTENSION**

| ITEM | DESCRIPTION   | QTY  | UNIT | RATE | AMOUNT |
|------|---|------|------|------|--------|
| A    | <b>DISTRIBUTION LINE TO KAPKENDA (1800M)</b>  |      |      |      |        |
| A1   | Excavate trench for pipeline in normal soil measuring 450x600mm deep. Rate to include backfilling of pipeline.                                  | 1800 | M    |      |        |
| A2   | Provide ,lay and fix PVC 2" class C   | 800  | M    |      |        |
| A3   | Provide ,lay and fix PVC pipe 1½"( 40mm) class C  | 1000 | M    |      |        |
| A4   | Ditto G.I class B. Rate to include provision of sockets.  | 30   | M    |      |        |
| A5   | Provide materials and construct and complete valve control chamber 1000mmx1000mmx1200mm in brick work including steel plate cover and pad lock. | 1    | NO   |      |        |
| A6   | Provide and install reinforced concrete indicator ( marker ) posts  | 10   | NO   |      |        |
| A7   | Provide and fix the following as described to pipeline.   |      |      |      |        |
| A8   | Reducing socket 4"x2"   | 1    | NO   |      |        |
| A9   | Reducing socket 2"x1 ½ "  | 1    | NO   |      |        |
| A10  | Peglar gate valve 1½"   | 1    | NO   |      |        |
| A11  | PVC socket adaptor 1½'  | 4    | NO   |      |        |
| B    | <b>DISTRIBUTION LINE TO KAMARKACH(1200M)</b>  |      |      |      |        |
| B1   | Excavate trench for pipeline in normal soil measuring 450x600mm deep. Rate to include backfilling of pipeline.                                  | 1200 | M    |      |        |
| B2   | Provide ,lay and fix PVC pipe 1½"( 40mm) class C  | 1140 | M    |      |        |
| B3   | Ditto G.I class B. Rate to include provision of sockets.  | 60   | M    |      |        |
| B4   | Provide materials and construct and complete valve control chamber 1000mmx1000mmx1200mm in brick work including steel plate cover and pad lock. | 1    | NO   |      |        |
| B5   | Provide and install reinforced concrete indicator ( marker ) posts<br>Provide and fix the following as described to pipeline.                   | 10   | NO   |      |        |
| B6   | Peglar gate valve 1½"   | 1    | NO   |      |        |
| B7   | PVC socket adaptor 1½"  | 4    | NO   |      |        |
| B8   | G.I union 1½"   | 1    | NO   |      |        |
| B9   | PVC end cap1 ½"   | 1    | NO   |      |        |
| B10  | PVC reducing socket 4"x2"   | 1    | NO   |      |        |
| B11  | PVC reducing socket 2"x1"   | 1    | NO   |      |        |
|      | <b>Sub total</b>  |      |      |      |        |

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
| C    | <b>REPAIR OF FORMER PUMPING MAIN.</b>   |     |      |      |        |
| C1   | Carefully excavate the existing 4" PVC pipe in various destroyed sections. Rate to include backfilling of the same. | 30  | M    |      |        |
| C2   | Provide and lay 4" PVC pipe class C   | 30  | M    |      |        |
| C3   | Excavate and remove the existing air valve along the pipeline.  | 2   | NO   |      |        |
| C4   | Provide and fix PVC end cap 4"  | 1   | NO   |      |        |
|      | <b>SUB TOTAL</b>  |     |      |      |        |

**SUMMARY.**

ITEM A & B      Kshs. ....

ITEM C          Kshs. ....

**GRAND TOTAL**      Kshs.....

**M/S**.....

**P.O. BOX**.....

**SIGNATURE AND RUBBER STAMP**.....

.....

.....