

KAIRUKI PHARMACEUTICALS INDUSTRY LTD

Incorporated in Kairuki Health and Education Network (KHEN)

192, Zegeleni Industrial Area
Kibaha Municipal
Coast Region,
P.O. Box 65300
Tanzania



Tel: 255-22-2700021/4
Mob: 255 717 171 500
Email: kpil@kairukihospital.org

Ref: No. KPIL/DAWASCO/EM/1/20

01/07/2020

Regional Manager,
DAWASA MLANDIZI,
P.O. Box 5340,
Kibaha-Pwani.

UFS
Jonugha Ward
P.O. Box 30112,
Kibaha-Pwani.

Dear Sir/Madam

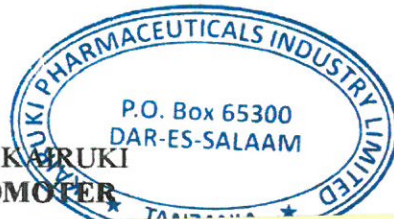
RE: REQUEST FOR WATER CONNECTION

Kairuki Pharmaceuticals Industry Ltd (KPIL) is in the final stages for construction of Pharmaceuticals Industry at Zegereni area. With this regard, we are kindly requesting for 4" water supply pipe in our site.

Thanks in advance for your assistance and nice cooperation.

Yours Faithfully,

DR. MUGANYIZI KAIRUKI
PRINCIPAL PROMOTER



KPIL REQUESTED FOR DAWASA SERVICES
IN JULY 2020.
UNFORTUNATELY TILL TO DATE, KPIL HAVE
NO ACCESS TO DAWASA SERVICES.
KPIL HAS ORDERED PRE-TREATMENT
EQUIPMENT FOR BORE HOLE WATER.
DAWASA COST WAS VERY HIGH AND
KPIL COULD NOT AFFORD IT.
INSTALLATION TSH 342,000,000= THEN PAYING
DAWASA TSH 15,000,000 EVERY MONTH.

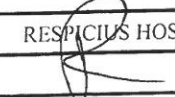
COST ESTIMATE FOR KAIRUKI

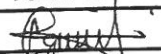
LOCATION: VISIGA ZEGERENI

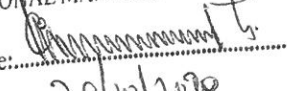
DAWASA KIBAHA REGION

| S/N | DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT |
|------|---|------|----------|--------------|-----------------------|
| 1.0 | PREPARATION | | | | |
| 1.1 | Mobilization and demobilization | Ls | 1 | 5,000,000.00 | 5,000,000.00 |
| 1.2 | Unforeseen structures (Electrical post) | Ls | 1 | 5,000,000.00 | 5,000,000.00 |
| | SUB TOTAL | | | | 10,000,000.00 |
| 2.0 | PIPES | | | | |
| 2.1 | uPVC Pipe 6" Class C (PN10) of 6 mtrs | MTS | 5300 | 33,334.00 | 176,670,200.00 |
| 2.2 | uPVC Pipe 4" Class C (PN10) of 6 mtrs | MTS | 1000 | 15,000.00 | 15,000,000.00 |
| 2.3 | uPVC collar 6" Class C (PN10) | pcs | 10 | 120,000.00 | 1,200,000.00 |
| 2.4 | uPVC collar 4" Class C (PN10) | pcs | 5 | 10,000.00 | 50,000.00 |
| | SUB TOTAL | | | | 192,920,200.00 |
| 3.0 | FITTINGS | | | | |
| 3.1 | Spigot Flanged 6" 0.6m long | PCS | 1 | 320,000.00 | 320,000.00 |
| 3.2 | Flanged Steel Tee 6" x 4" PN25 | PCS | 15 | 440,000.00 | 6,600,000.00 |
| 3.3 | Aqualock Adaptor Flange 6" (GS) PN20 | PCS | 20 | 255,000.00 | 5,100,000.00 |
| 3.4 | Aqualock Adaptor Flange 6" (GS) | PCS | 10 | 255,000.00 | 2,550,000.00 |
| 3.5 | Aqualock Adaptor Flange 4" (GS) | PCS | 1 | 139,000.00 | 139,000.00 |
| 3.6 | Aqualock Adaptor Flange 4" (GS) PN20 | PCS | 6 | 139,000.00 | 834,000.00 |
| 3.7 | Flanged Taper 6" x 4" | PCS | 1 | 320,000.00 | 320,000.00 |
| 3.8 | Flanged Taper 4" x 2" | PCS | 5 | 240,000.00 | 1,200,000.00 |
| 3.9 | Pressure gauge | pcs | 4 | 120,000.00 | 480,000.00 |
| 3.10 | saddle clamp 6"x1" | pcs | 3 | 17,400.00 | 52,200.00 |
| 3.11 | saddle clamp 4"x1" | pcs | 1 | 9,000.00 | 9,000.00 |
| 3.12 | Air Valve 2" Single Acting (GS) | PCS | 5 | 248,000.00 | 1,240,000.00 |
| | SUB TOTAL | | | | 18,844,200.00 |
| 4.0 | BENDS | | | | |
| 4.1 | Pvc Bend 6" (PN16) 90 degree | PCS | 2 | 175,032.90 | 350,065.80 |
| 4.2 | Pvc Bend 6" (PN16) 45 degree | PCS | 6 | 175,032.90 | 1,050,197.40 |
| 4.3 | Pvc Bend 6" (PN16) 22.5 degree | PCS | 6 | 380,000.00 | 2,280,000.00 |
| | SUB TOTAL | | | | 3,680,263.20 |
| 5.0 | VALVES | | | | |
| 5.1 | Sluice Valve 6" PN25 | | | | |
| 5.2 | Sluice Valve 4" PN25 | PCS | 6 | 600,000.00 | 3,600,000.00 |
| | | PCS | 8 | 380,000.00 | 3,040,000.00 |

| | | | | | |
|-----|---|------|-------|--------------|-----------------------|
| 5.3 | Sluice Valve 2" PN25 | PCS | 6 | 280,000.00 | 1,680,000.00 |
| 5.4 | Gate valves 3/4" | pcs | 6 | 15,000.00 | 90,000.00 |
| 5.5 | Butterfly Valve 6" PN 25 | PCS | 1 | 1,766,400.00 | 1,766,400.00 |
| | SUB TOTAL | | | | 10,176,400.00 |
| 6.0 | OTHER | | | | |
| 6.1 | Grease | Kg | 20 | 22,900.00 | 458,000.00 |
| 6.2 | Bolts and nuts size 19 | pc | 450 | 5,000.00 | 2,250,000.00 |
| 6.3 | Bolts and nuts size 24 | Pc | 850 | 5,500.00 | 4,675,000.00 |
| 6.4 | Warning tape @300m to be laid 300mm above laid pipe along the backfilled trench | Roll | 20 | 15,000.00 | 300,000.00 |
| 6.5 | Marker post | Pc | 40 | 50,000.00 | 2,000,000.00 |
| 6.6 | Insertion rubber 3mm | Kg | 50 | 30,000.00 | 1,500,000.00 |
| | SUB TOTAL | | | | 11,183,000.00 |
| | MATERIAL COST | | | | 246,804,063.20 |
| | Add 18% VAT | | | | 44,424,731.38 |
| | TOTAL MATERIAL COST | | | | 291,228,794.58 |
| 7.0 | EARWORKS | | | | |
| 7.1 | Excavation and backfilling of uPVC 6" & 4" (1.3m deep 0.8m width) | M | 6,000 | 5,750.00 | 34,500,000.00 |
| | SUB TOTAL | | | | 34,500,000.00 |
| 8.0 | TECHNICAL WORKS | | | | |
| 8.1 | Pipe alignment, laying, fixing joints and fittings uPVC 6" | PCS | 883 | 4,500.00 | 3,973,500.00 |
| 8.2 | Pipe alignment, laying, fixing joints and fittings uPVC 4" | PCS | 120 | 2,500.00 | 300,000.00 |
| | SUB TOTAL | | | | 4,273,500.00 |
| 9.0 | CHAMBERS CONSTRUCTION | | | | |
| 9.1 | Construction of chamber | Nr | 10 | 1,200,000.00 | 12,000,000.00 |
| | SUB TOTAL | | | | 12,000,000.00 |
| | GRAND TOTAL | | | | 342,002,294.58 |

| | |
|--------------------|---|
| NAME OF TECHNICIAN | RESPICIUS HOSEA |
| SIGNATURE |  |

| | |
|------------------|---|
| NAME OF ENGINEER | YOHANA C MSANGULA |
| SIGNATURE |  |

| | |
|--------------------------|--|
| NAME OF REGIONAL MANAGER | Dar-es-Salaam Water & Sewerage Authority DAWASA REGIONAL MANAGER - KIBAHITA |
| SIGNATURE |  |

Signature:.....
Date: 29/10/2020