**Date: 11th OCTOBER 2024**

 **BOQ FOR SUPPLY AND LAYING OF HDPE PIPE TO 9.26KM IN NAIBOR**

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| **TENDER REF NO** | **ITEM DESCRIPTION** | **DELIVERY LOCATION** |
| HFHK/ADH/03/2024 | **SUPPLY AND LAYING OF HDPE PIPE TO 9.26KM IN NAIBOR****As per specification provided on BOQ** | Project name: rugutu namuki-naibor pipeline distribution project location: naibor village, laikipia north sub-county, laikipia county (approximately 20km from nanyuki town)"  |

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| **TENTATIVE BILLS OF QUANTITIES FOR THE DEVELOPMENT OF RUGUTU NAMUKI-NAIBOR PIPELINE DISTRIBUTION** |
|  | **PIPILINE DISTRIBUTION** |   |   |   |  -  |
|  A  | General trench excavation in open ground, refill, ram and dispose. Depth not less than 0.6m and 350mm wide. | CM |  1,946  |   |  -  |
|  B  | General trench excavation in hard rock, refill, ram and dispose. Depth not less than 0.6m and 350mm wide. | CM |  244.00  |   |  -  |
|   | **SUPPLY OF HDPE PIPES AND LAYING IN TRENCHES. THE COST INCLUDE THE JOINERY (MANDATORY BUTT FUSION)** |   |   |   |  -  |
|  A  | HDPE 110mm dia. PN10 include for jointing (Mandatory Butt fusion/welding) | M |  775  |   |  -  |
|  B  | HDPE 90mm dia. PN10 include for jointing (Mandatory Butt fusion/welding) | M |  1,640  |   |  -  |
|  C  | HDPE 75mm dia. PN10 include for jointing (Mandatory Butt fusion/welding) | M |  3,210  |   |  -  |
|  D  | HDPE 63mm dia. PN10 include for jointing (Mandatory Butt fusion/welding) | M |  2,490  |   |  -  |
|  E  | HDPE 50mm dia. PN10 include for jointing (Mandatory Butt fusion/welding) | M |  1,150  |   |  -  |
|  | **FITTINGS AND VALVES** |  |  |  |  -  |
|  A  | Single Acting Airvalve 110mm complete with fittings | No. |  1  |   |  -  |
|  B  | Single Acting Airvalve 90mm complete with fittings | No. |  1  |   |  -  |
|  C  | Single Acting Airvalve 75mm complete with fittings | No. |  1  |   |  -  |
|  D  | Single Acting Airvalve 63mm complete with fittings | No. |  2  |   |  -  |
|  E  | Single Acting Airvalve 50mm complete with fittings | No. |  1  |   |   |
|  F  | Reducer 110mm x 90mm with complete fittings | No. |  1  |   |  -  |
|  G  | Reducer 90mm x 75mm with complete fittings | No. |  1  |   |  -  |
|  H  | Reducer 75mm x 63mm with complete fittings | No. |  1  |   |  -  |
|  I  | Reducer 63mm x 50mm with complete fittings | No. |  3  |   |  -  |
|  J  | Reducer 75mm x 50mm with complete fittings | No. |  1  |   |  -  |
|  K  | 75mm Equal Tee complete with fittings and an end cap | No. |  1  |   |  -  |
|  L  | 75mm Equal Tee complete with fittings | No. |  2  |   |  -  |
|  M  | 75mm End cap | No. |  1  |   |  -  |
|  N  | 63mm Equal Tee complete with fittings | No. |  3  |   |  -  |
|  O  | 63mm End cap | No. |  1  |   |  -  |
|  P  | Construct 1200mm x1200mm x 1000mm standard valve chamber with locable cover | No. |  15  |   |  -  |
|  Q  | Allow supply and fix of Reinforced marker posts 1.2m long | No. |  15  |   |  -  |
|  R  | Allow for minor fittings | LS |  1  |   |  -  |
|  S  | Peglar (England) Gate valves 2" complete with fittings | No. |  1  |   |  -  |
|  T  | Peglar (England) Gate valves 1 1/2" complete with fittings | No. |  3  |   |  -  |
|  U  | Allow for pipeline pressure testing | LS |  1  |   |  -  |
|   | **TOTAL COST FOR PIPELINE DISTRIBUTION** |   |   |   |  **-**  |
| **COLLECTION SUMMARY** |
| SN | **COMPONENT** | **Unit**  | **Qty** |  | **Corrected Amount** |
| 1 | TOTAL COST FOR PIPELINE DISTRIBUTION | No | 1 |  -  |  -  |
| 2 | 16% VAT  |   |   |   |  -  |
|   | **GRAND TOTAL RUGUTU NAMUKI WATER SUPPLY SYSTEM**  |  |  |  |  **-**  |

