**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** |  |  |  | **-** |

