

BOQ_CONSTRUCTION OF A WATER COLLECTION TAP STAND / WATER POINT FACILITY WITH SIX FAUCETS

| | Item Description | Unit | Quantity | Rate (KES) | Amount (KES) |
|----------|--|------|----------|------------|--------------|
| | <i>The BOQ outlines the requirements for the supply, installation, and commissioning of a tap stand/water fetching point of 1.8m by 1.5m overall plan dimension. Contractors must adhere to high standards of quality and workmanship, using specified materials and skilled labor. Compliance with technical specifications, safety regulations, and industry standards is mandatory. Before quoting ccontractors to review the BoQ thoroughly and seek any necessary clarifications.</i> | | | | |
| A | The tap stand base - Masonry wall and reinforced concrete base | | | | |
| 1 | Excavate to an average depth of 400mm over necessary plan area for foundation of tap stand walls and base | CM | 1.147 | | - |
| | | | | | - |
| 2 | Supply and fix all necessary materials for a plain concrete blinding along the edge of the base to receive tap stand edge wall | CM | 0.132 | | - |
| | | | | | - |
| 3 | Supply and apply hardcore layer 200mm thick to receive the tap stand base | CM | 0.54 | | - |
| | | | | | - |
| 4 | Supply and apply murrum layer 50mm thick to the hardcore well rammed and compacted the tap stand base | CM | 0.135 | | - |
| | | | | | - |
| 5 | Supply and installation of BRC Gauge-- A42 on the floor of the tap stand to prevent cracking | Roll | 2.7 | | - |
| | | | | | - |
| 6 | Cast a tap stand base 75mm thick | CM | 2.025 | | - |
| | | | | | - |
| 7 | Construct tap stand walls using building stones - 150mm X 225mm grade one machine cut stones, to courses to form the edge of the tap stand with high quality mortar along the edges and the section that drains water safely to a soak away area. | SM | 5.4 | | - |
| 8 | 12mm thick Plaster to entire surface of the tapstand including smoothening he surface with cement slurry and chamfer to all edges | SM | 2.97 | | - |
| | | | | | - |
| B | Plumbing inclusions | | | | - |
| 1 | Supply and installation of Upvc pipes 2" Class C; 10m lengths, including all necessary fittings and connections to connect the tap stand to the nearest main water support pipe as guided by the engineer | Pcs | 1 | | - |

| | | | | | |
|----|--|------|---|--|---|
| | | | | | - |
| 2 | Supply and installation of G.I pipe 2" Class B; 5m lengths, including all necessary fittings and connections | Pcs | 1 | | - |
| | | | | | - |
| 3 | Supply and installation of G.I pipe 2" Class B; 2.4m lengths, including all necessary fittings and connections | Pcs | 1 | | - |
| | | | | | - |
| 4 | Supply and installation of G.I ordinary socket 2", including all necessary fittings and connections | Pcs | 2 | | - |
| | | | | | - |
| 5 | Supply and installation of G.I equal Tee 2", including all necessary fittings and connections | Pcs | 1 | | - |
| | | | | | - |
| 6 | Supply and installation of G.I hexangonal nipples 3/4", including all necessary fittings and connections | Pcs | 1 | | - |
| | | | | | - |
| 7 | Supply and installation of G.I reducing bush 2"x 3/4", including all necessary fittings and connections | Pcs | 2 | | - |
| | | | | | - |
| 8 | Supply and installation of G.I 3/4 " 300 mm long barrel nipple with male threads, including all necessary fittings and connections | Pcs | 2 | | - |
| | | | | | - |
| 9 | Supply and installation of G.I elbows 2", including all necessary fittings and connections | Pcs | 1 | | - |
| | | | | | - |
| 10 | Supply and installation of Pegler gatevalve 2", including all necessary fittings and connections | Pcs | 1 | | - |
| | | | | | - |
| 11 | Supply and installation of Lockable stainless steel peggler taps, 3/4" c/w, including all necessary fittings and connections | Pcs | 6 | | - |
| | | | | | - |
| 12 | Provide a sum to cater for additional lengthths of pipe and sundries such as thread seal tapes and tangit glue that may be necessary for connecting to existing pipeline and completimg the tapstand | Item | 1 | | - |
| | Total for one tap stand | | | | - |
| | Total for three tap stands | | | | - |