



APPOINTMENT OF A SERVICE PROVIDER TO SUPPLY, INSTALL AND COMMISSION BOREHOLE WATER FILTRATION SYSTEM AND REPLACEMENT OF DAMAGED SANITARY EQUIPMENT AT THE MINING QUALIFICATIONS REGIONAL OFFICE IN BURGERSFORT.

BACKGROUND

The Mining Qualifications Authority (MQA) is experiencing water quality issues at one of its regional offices, located at Sekhukhune TVET College CN Phathudi Campus, Stand No. 2659 Praktiseer (Burgersfort). The water supply originates from a borehole and is stored in a tank before entering the building. The water contains high iron and mineral content, resulting in rust, scale, and salt-like build-up, which has damaged bathroom fittings and plumbing infrastructure. This RFQ seeks to appoint a qualified service provider to install an appropriate water filtration system and replace the affected bathroom and kitchen equipment.

SCOPE OF WORK

1. Pipe Flushing and System Cleaning

- Flush and chemically clean the internal water supply piping to remove rust and mineral build-up.
- Use suitable and approved descaling/cleaning agents.

2. Supply and Installation of Water Treatment System

- Sediment Pre-Filter (Point-of-Entry): For removal of sand, silt, and rust particles (20–50 micron).
- Iron Removal Filter: Suitable for borehole water (Birm, Katalox or Greensand).
- Water Softener System: Ion-exchange system to remove calcium and magnesium.
- All filters must include housing, shutoff valves, pressure gauges, and service bypasses.
- System must be installed after the storage tank and before internal plumbing.
- Commission the system and provide a maintenance schedule and training.

3. Replacement (supply and installation) of Sanitaryware

- 3 x Ceramic Wash Basins (complete with new pillar taps, P-traps, and waste fittings)
- 2 x Toilets (dual flush, ceramic with cistern and soft-close seat)

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- 1 x Double Bowl Kitchen Sink (stainless steel, with mixer tap and trap)
- Supply and install all required plumbing materials (pipes, valves, connectors, brackets, sealants, etc.)
- Remove and dispose of all damaged equipment in a compliant manner.
- Test and commission all new fittings

DELIVERABLES

- Fully functional filtration and softening system, installed and tested.
- New sanitaryware fully installed, operational, and compliant with building regulations.
- Maintenance and user manuals for the installed filtration systems.
- Completion report with before-and-after photos.
- Warranties on all equipment supplied.

MANDATORY REQUIREMENTS

- The prospective service provider must be registered with CIDB under 1SO or Higher (Water supply and drainage for buildings - wet services, plumbing) class of works
- Must attend a compulsory briefing session.
- Briefing session date: 18/07/205 @13:00
- Address: Sekhukhune TVET College CN Phathudi Campus, Stand No. 2659, Praktiseer, Burgersfort.

