

## **Transnet National Ports Authority**

### **Port of Port Elizabeth**

**AD-HOC REPAIR OF WATER RETICULATION  
NETWORK AND PLUMBING (INCLUDING  
MAINTENANCE) FOR A PERIOD OF THIRTY-SIX (36)  
MONTHS AS AND WHEN REQUIRED.**

## 1. SCOPE OF WORKS AND GENERIC CONDITIONS OF CONTRACT PRE-QUALIFICATION

- CIDB REQUIREMENTS: 2CE or Higher
- PLUMBER - Trade test certificate

The trade test certificate must be issued by Quality Council for Trades and Occupations (QCTO) OR National Artisan Moderating Body (NAMB) accredited trade test centre.

### 1.1. BACKGROUND AND PURPOSE

Transnet National Ports Authority (TNPA) as the landlord within the Port of Port Elizabeth (PoPE) is responsible for water supply to tenants and port users.

The PoPE is supplied by three bulk water pipelines (150mm) from the Nelson Mandela Bay Municipality (NMBM). The water supply feed is at Humerail, Baakens and Campanile area. The water reticulation network consists of high-density polyethylene (HDPE), fibre-cement and cast-iron pipes, steel valves, fire hydrants and water meter connections. The system consists of different pipe sizes: 50mm, 100mm, 150mm and 200mm. The existing PoPE civil infrastructure maintenance team currently maintains the entire water reticulation network.

The PoPE, experiences capacity challenges with the existing team to attend all the pipe bursts and ad-hoc work when required. Therefore, the PoPE requires a contractor who will be on standby for a period of **thirty-six (36) months on as and when basis**, for conducting ad-hoc repair work, which PoPE deems to exceed the capacity of existing PoPE civil maintenance team.

### 1.2. SCOPE OF WORKS AND SPECIFICATIONS

The scope of works includes all maintenance work, both planned and emergency related repairs to the water reticulation network listed below. The areas of repairs or replacement include but is not limited to:

- Faulty steel gate valves and landing valves
- Faulty water Meters
- All leaking water pipe sizes
- Fire hydrants
- Standpipes.

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- Faulty plumbing to all Transnet National Ports Authority (TNPA) buildings
- Only HDPE Class 9 pipes to be used in repairing burst or leaking pipes.

Project Manager will identify the repairs based on operational requirements. To avoid any disruptions to operations, a contractor must be available for planned and emergency work related to repairs on water network. The contractor must be able to mobilise the required competent staff within 3 hours of the notification and commence with repairs, failure to do so will result in a penalty being charged. Refer to section 1.10 for details.

**1.3. LOCATION OF SITE AND ACCESS**

The location is within the Port of Port Elizabeth. The water reticulation network spans the entirety of the port.

**1.4. WORKING HOURS**

1.4.1. The working hours shall be from 8h00 to 16h00, Monday to Friday.

1.4.2. After hours and pipe burst callouts will be 24/7.

1.4.3. The Contractor cannot vary the standard working hours without a written instruction from the Project Manager.

1.4.4. Care should be taken to minimise the impact on operations while conducting work.

**1.5. COMPLIANCE**

1.5.1. In the event of excavation work, the Contractor shall ensure that all current statutory laws and future legislation that may be passed pertaining to the storage, handling, removal, transportation and disposal of waste will be complied with and undertakes that the procedures for undertaking this work shall comply with all applicable Legislation, Codes of Practice, Local, Regional, Provincial, National Authorities' Requirements including but not limited to:

- South African National Standards (SANS).
- National Environmental Management Act (1998)
- National Environmental Management Waste Act (2008)
- The Occupational Health and Safety Act (1993)
- Common Law

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- Nelson Mandela Bay Municipal Bylaws and
- Any other relevant legislation

1.5.2. The Contractor shall comply with the PoPE SHEQ regulations and requirements.

1.5.3. The Contractor shall submit a SHE file for approval by TNPA PoPE SHEQ department.

1.6. PARKING & VEHICLES

1.6.1. The Project Manager will approve parking area to be utilised based on proximity to the building to be revamped. Vehicles used for people and equipment transportation must be easily identifiable as that belonging to the contractor.

1.7. ASSIGNMENT AND SUBCONTRACTING

1.7.1. No assignment or Subcontracting will be allowed.

1.8. EXCAVATIONS AND EXISTING SERVICES

1.8.1. The Contractor must obtain existing services drawings from the TNPA Port Engineering Department before execution of the assigned works.

1.8.2. If the Contractor at the time of work had damage the services, then the Project Manager must be notified immediately.

1.8.3. The Contractor will be held liable for all damages to existing services.

1.9. PENALTIES FOR NON-COMPLIANCE TO SERVICE LEVEL AGREEMENT

1.9.1. Where the Contractor fails to provide the services within the agreed and accepted milestone timelines and provided that the cause of the delay was not due to a fault of TNPA, penalties shall be imposed at 1.5% of the total amount of the call out.

1.10. GENERAL PRICING INSTRUCTIONS

1.10.1 Contractor is advised that the Bill of Quantities is a "provisional bill" subject to re-measurement as the work proceeds. The initial quantities set out in the Bill of Quantities are approximate and do not necessarily represent the actual amount of work to be done and shall be re-measured and paid for based upon the actual final

quantity of work done and certified for payment by the Project Manager in terms of the Contract.

**1.11. PRICE SCHEDULE**

1.11.1 The price schedule should be completed only after reading the scope of works and pricing instructions. All items in the price schedule need to be priced to qualify for further evaluation. Refer to Section 4 of the RFQ document for pricing. All rates must be inclusive of labour and valid for the contract period.