

Document Title:

**SCOPE OF WORK**

Project Title:

**PROVISION FOR MAINTENANCE REPAIRS AND MODIFICATION FOR THE  
FOAM PROPORTIONING  
FIREDOS UNIT AT ISLANDVIEW DEPOT OVER A PERIOD OF 2 YEARS**

**REVISION 00: FOR APPROVAL**

## 1. BACKGROUND

The fixed firefighting system for Transnet Pipelines Island View Pump station uses the seawater provided by Transnet National Port Authority (TNPA) and two (2) Foam Proportioning Fire Dos units to provide fire protection to the TPL infrastructure. Due to the nature of the business, which is the transportation of highly flammable liquids, the fire risk to the Transnet Pipelines Infrastructure and its employees is always constantly present. Therefore, the TPL Fixed firefighting system must be always kept at maximum efficiency and reliability.

**Table 1: Physical Address for the site**

ISLAND VIEW (TM1)
Island View 21970
Terminal 1Transnet Pipelines
Durban

## 2. SCOPE OF SERVICES

### 2.1 General requirements

- Upon completion of the conversion and service and maintenance of unit 1, the service provider is required to conduct service and maintenance on unit 2.
- The bidders is required to quote for the annual service and maintenance for both unit for the next year.
- Submit compliance file to TPL prior to a letter of award is issued, this request shall be done by TPL once the tender evaluation process has been concluded to establish the potential successful bidder. Any deviation identified in the file by SHE Specialist shall be addressed and get closed by the service provider within 2 days from the day a request was made, the overall time required to have the compliance file approved is within two weeks. TPL will only award to a contractor that has met all safety file requirements.

## **2.2 Tender Pre-Qualification Requirement**

- Bidders are required to submit the Agency Confirmation letter from Fire-Dos confirming the company as the sales partner of Fire-Dos for the South African market.

## **2.3 Description of services and tender information**

The Contractor shall perform the following activities:

### **✦ Foam Proportioning Fire Dos unit 1:**

- Change foam dosing from 1% to 3%.
- Do maintenance repairs and replace all corroded and damaged parts, and repair the pump motors.
- Return the foam proportioning pump to an operating condition.
- Upon the completion of bullet 1-3, the service provider will therefore be required to undertake the annual service and maintenance.

### **✦ Foam Proportioning Fire Dos unit 2:**

- Do maintenance repairs and replace all corroded and damaged parts, and repair the pump motor.
- Return the foam proportioning pump to an operating condition.
- Upon the completion of bullet 1-3, the service provider will therefore be required to undertake the annual service and maintenance.

## **2.4 Staff requirements and supervision**

- The Contractor shall provide competent personnel to do the maintenance work on foam proportioning both Fire Dos Unit 2 and the modification work on foam proportioning both Fire Dos Unit 1.
- The Contractor is to ensure all staff are equipped with the required PPE to carry out their duties.
- The Contractor shall ensure that their personnel comply with the OHS Act 85 of 1993 provision.

## **2.5 Equipment materials and consumables**

- The Contractor shall provide all necessary equipment and PPE for the execution of the work. As a minimum requirement, the service provider shall allow:

Steel cap boots,  
Full-length overall, either 1 piece or 2 pieces that are flame-retardant,  
Hard hat,  
Safety glasses and ear protection,

- All equipment is to always be kept in good and safe condition and will comply with all safety regulations.

## **2.6 Working hours**

- Transnet Pipeline's normal working hours are between 07:30 to 16:00 from Mondays to Fridays inclusive (8-hour shift per day).

The successful bidder is required to provide an explanation and demonstrate to Transnet Pipelines Service Manager and/or their designated personnel on the works conducted on site, including (but not limited to) the following aspects:

- Disassembly of the unit.
- Consumables Repairing of the unit.
- Re-assembly of the unit.

## **2.8 Health, Safety, and Environmental Management**

### **Health and Safety Standard**

The awarded contractor shall comply with the requirements of the Occupational Health and Safety Act 85 of 1993 and its promulgated Regulations, Requirements for Safe Entry and the following Transnet procedures: Transnet Contractor Management Procedure (TIMS-GRP-PROC-014) and Transnet Contractor Health and Safety Specification Guideline (TRN-IMS-GRP-GDL-014.3), as applicable to the scope of services. and any laws applicable in terms of Health and Safety.

### **Contractor's General Requirements for Health and Safety**

The Contractor is solely responsible for carrying out the work under the Contract having the highest regard for the health and safety of its employees, Transnet's employees, and persons at or in the vicinity of the Site, the Works, temporary work, materials, the property of third parties and any purpose relating to the Principal Contractor carrying out its obligations under this Contract. Adequate provisions must be made available for health and safety.

(a) The Contractor is required to develop and implement a Health and Safety Plan in accordance with the Contractor Health and Safety Specification Guideline (TRN-IMSGRP-GDL-014.3). This plan must encompass all sites where work will be conducted. If different teams are deployed, each site must have its own site-specific Health, Safety, and Environment (HSE) Plan. The contractor is to ensure that their Health & Safety

Management plan, as well as their Baseline Risk Assessment, includes the management of communicable diseases.

(b). The Contractor shall perform all work under the supervision of a Transnet Pipelines Senior Fire Specialist throughout the execution of works.

(c). The Contractor shall ensure that all incidents are reported to the relevant Transnet Pipelines Depot Manager and investigated by the principal contractor in conjunction with the client's safety representative. Occurrences shall be reported immediately or before the end of the shift, followed by a written report within 24 hours.

(d). The Contractor is required to supply employees with protective clothing and equipment in accordance with the Occupational Health and Safety Act 85 of 1993 (OHSA). The personal protective equipment shall be appropriate for the potential hazard. Dromex DW – D59 FA, 100% cotton, flame retardant and Acid-resistant SABS approved conti suit with long sleeves. Materials meeting the requirements of SANS 434, antistatic properties EN 1149 with silver reflective strip (50mm in width) on each sleeve around upper arm and each leg, meeting the requirements for EN471. Safety footwear with steel toe protection, anti-static, slip resistant, hydrocarbon resistant, and leather material. Hard hat with chin straps meeting requirements of SANS 1397:2003. The Principal Contractor shall conform to the Transnet Pipelines Standard Operating Procedure for Personal Protective Equipment (009-TPL-OPS-SHEQ-2096).

(e). The Contractor must develop and implement a comprehensive fall protection plan to ensure safety while performing maintenance on the FIREDOS UNIT at elevated work areas.

### **Contractor Compliance File Requirements (Minimum requirements)**

- A valid Letter of Good Standing with the Workman's Compensation.
- Proof of relevant insurance to carry out work.
- Contractor Health & Safety Plan correlating with Transnet Contractor Management Procedure (TRN-IMS-GRP-PROC-014) submitted and approved.
- Copies of TPL & Contractor's Health, Safety & Environmental Policies
- Mandatory agreement as per section 37.2 of the OSHACT. Act 85 of 1993 and CR 5.1(K) appointment
- Legal appointments as per the Occupational Health and Safety Act
- Risk Assessments, Method statements, and Safe Working Procedures
- Employee Induction packs shall include the following documents:
- Employee scope of work.
- Proof of site-specific induction (Contractor).
- Copy of ID Document.
- Abbreviated CV for the management and Legal appointees.
- Proof of competence

- Valid entry medical certificate of fitness done by an Occupational Health Practitioner aligned with job roles and responsibilities (e.g., work at height, in confined spaces, etc.).
- Project-specific risk Assessment indicating the full scope of work and risk profile.
- Project-specific Organogram of reporting structure, including contact details.
- Copy of nominated responsible person to conduct inspections and proof of their competency.

## **2.9 Security requirements**

For SSA to conduct the necessary screening, the following are required:

- CIPC registration
- SARS Tax Clearance Certificate of the company
- ID copy of the Directors
- SAPS 91 (Fingerprints) of the directors
- if there are any individuals or personnel of the company that will be working on-site, we will also require their IDs together with the SAPS91 (fingerprints) as well.

Note: Please take note that SSA takes 2 - 3 weeks for screening to take place once all required documentation has been submitted. All documents for security screening are to be submitted to S. Mpanza for KZN and be hand delivered to the State Security Agency; fingerprints must be original not copies.