



## TRANSNET PORT TERMINALS

**Document Title:**

# Scope of Work

**PROJECT TITLE:**

**REPAIRS FOR TROUGH DRAIN AND MANHOLE @ D SHED**

## 1. **INTRODUCTION**

Transnet Port Terminal is looking to appoint an experienced and qualified contractor to repair the trough drain and manhole at D shed, Roro Terminal.

## 2. **SCOPE OF WORKS SPECIFICATION**

- 2.1 Remove existing damaged trough drain manhole area  $\pm 2,620\text{m} \times \pm 1,440\text{m} \times \pm 200\text{mm}$  thick.
- 2.2 Install X4 each  $\pm 200\text{mm} \times \pm 100\text{mm}$  galvanized "I" beams into the side of the solid area slab next to the manhole side of the drain as per site meeting of the brickwork and repair damaged brickwork.
- 2.3 Install shuttering for concrete over the manhole area so that the concrete rests against the top of the beams when poured. The concrete is to be  $\pm 200\text{mm}$  thick.
- 2.4 Install extra heavy duty cast iron tyre frame storm water type manhole  $\pm 600\text{mm}$  round cover and frame for trough drain outlet, type 2B type manhole cover and frame.
- 2.5 Install  $\varnothing \pm 16\text{mm}$  reinforcing to make up the reinforcing mat. Concrete to be reinforced for strength of the manhole area.
- 2.6 Pour concrete into the area to be repaired and concrete is to be 25MPa and smooth flout finish as per trough drain shape.
- 2.7 On completion repair all tar around manhole and trough repair.
- 2.8 Clean and clear site.

## 3 **ADDITIONAL INFORMATION REQUIRED**

- 3.1 All bidders must attend a compulsory briefing session and bidders who did not attend a briefing session will be disqualified.
- 3.2 Only SANS/SABS approved materials to be utilized.
- 3.3 Guarantee: The service provider is to provide a minimum 12 months guarantee on quality and workmanship.

## 4 **TECHNICAL EVALUATION**

- 4.1 All vendors bidding for this tender will be technically evaluated and the scoring procedure is in reference to Appendix B. Bidders who do not submit documents as per Appendix B requirements before the closing date of the RFQ will be disqualified.
- 4.2 All bidders must be registered with the Construction Industry Development Board (CIDB) and have a minimum of level 1-CE (Civil Engineering) grading.

## 5 **PRICING CONSIDERATION**

The bidder must include the following cost implications in their quote:

- 5.1 All costs relating to obtaining an approved safety file from the SHEQ department.
- 5.2 The service provider is to quote on all items as listed in section 2.
- 5.3 All costs relating to the equipment hire, machinery, professional service, etc. are to be included in the bidder's quote for the success of this project.

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## 6 **SAFETY**

The following safety procedures together with the terminal standard operating conditions are always to be adhered to. No exceptions will be tolerated.

- 6.1 All personnel reporting to the terminal must come in full personal protective equipment gear (safety vest, hard hat and safety shoes).
- 6.2 Vehicles used to be fitted with rotating flashing light and proper company signage when accessing the terminal.
- 6.3 Only certified or competent technical personnel are required to operate electrical machinery.
- 6.4 All TPT owned equipment, or property needs to be signed off by TPT representatives before exiting the terminal.
- 6.5 Terminal provides mess and ablution facilities and must always be kept clean.
- 6.6 No discipline irregularities will be condoned. Offenders will be requested to leave the terminal immediately pending a full investigation.
- 6.7 Notification of arrival will be mandatory.

## 7 **QUALITY REQUIREMENTS**

The awarded Service provider is to adhere to the below Employer Specifications where applicable.

- 7.1 EEAM-Q-006 - Structural steelwork
- 7.2 EEAM-Q-008 - Corrosion protection
- 7.3 EEAM-Q-009 - Quality Management
- 7.4 EEAM-Q-013 - Commissioning and hand over Rev1
- 7.5 BS 5493 - Code of practice for protective coating of iron and steel structures against corrosion
- 7.6 SANS 136 ISO metric precision hexagon-head bolts and screws, and hexagon nuts (coarse thread medium fit series)

## 8 **OPERATING HOURS**

The Durban BBC Terminals operate 24 hours a day. The infrastructure maintenance team mainly works a day shift (07h00 – 15h30) and all work should be done during this period.

Any work requiring irregular hours should be communicated timeously to a TPT representative and required approvals obtained.

## 9 **ACCESS PERMIT**

Site meeting: All suppliers are required to bring with them the following in order to apply for the required permit.

- Permits must be done prior to the site briefing. This is done by sending an email to TPT permit office ([tptdrtsecuritysupervisors@transnet.net](mailto:tptdrtsecuritysupervisors@transnet.net)) stating the reason for entry, full name and ID number for personal entering the port. Once at the terminal you will need to collect a physical permit from the permit office. This note will allow you to enter the terminal.
- Hardcopy of RFQ
- Proof of identification for all service providers attending.
- Letter from the relevant company stating the names and surnames of the service provider requesting access and reason for access.
- Minimum PPE, safety vest, hard hat and safety shoes. Failing to come with the correct PPE will not be allowed into the terminal for the site briefing.
- Suppliers are advised to bring any/all required measuring tools for proper costing.

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## **10 CONDUCTING THE WORK**

To acquire access permits for conducting work, external contractors will need to attend safety induction (valid for a year) and obtain an approved safety file before any work commences. Afterwards the appointed bidder will need to request a work permit from our Security department to gain access into the terminal. For vehicles access, all vehicles are required to have a company sign and are evolving light and access will be obtained at the security office.

## **11 SITE FACILITIES**

No provision has been made for the site facilities. Security of the service providers tools, material and machinery remain his responsibility of the service provider to provide his own scaffolding, ladders etc. wherever necessary and /or required for the completion of the work.

Compiled by:



Nontobeko Masuku  
Technical Supervisor

Date: 21/11/2024 .....

Reviewed & Supported by:



Darren Chetty  
Technical Manager

Date: 21/11/2024 .....

Approved by:



Linamandla Busakwe  
Engineering Manager

Date: 21.11.2024 .....

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