

TRANSNET PORT TERMINALS

Document Title:

Scope of Work

PROJECT TITLE:

**REQUEST FOR FABRICATING AND INSTALLATION OF
MANHOLES COVERS AND FRAMES, SECURITY GATE,
PARKING MARKINGS & SIGNAGE.**

1. INTRODUCTION

Transnet Port Terminal is looking to appoint an experienced and qualified contractor to fabricate and install storm water drain frames and covers, security gate, parking markings and signage at the undercover parking at 111 Mahatma Gandhi Road. Qualified contractor to fabricate five manhole covers for Q & R Wharfside stack area.

2. SCOPE OF WORKS SPECIFICATION

2.1 The below manholes to be fabricated and installed at 111 Mahatma Gandhi Road undercover parking.

a) Manhole 1

+ - 620 x + - 610 x 50mm with 2 holes 30mm diameter solid steel plate storm water X 1



b) + - 730mm X + - 710mm X 50mm with 2 holes 30mm diameter solid steel plate storm water X 1



- c) +-725mm X 785mm X 50mm with 2 holes 30mm diameter solid steel plate storm water X 1
Remove exceed screeding on the corner.



- d) Five Manholes to be fabricated, supplied and installed at Q & R Wharfside Stack area.
- Dimensions of the 5 man hold covers are 745mm x 440mm x 50mm with 15 x 40mm holes drilled evenly spaced on the plate
- e) Security Gate
- Supply and install sliding concertina trellidor brown in color to fit opening of 820mm x 2050mm(h)
 - Once door opens – gate to not obstruct the door way
 - Keys and installation of emergency break glass box with key holder with 1 key inside and 3 spare keys
- f) Parking Bays – painting and titles
- Painting of parking bays with road marking white paint. Bay sizes to be +-5 m in length and 2.85 min width
 - Bays to have signage with position titles and placed on walls +- 17 bays. Position titles to be supplied to the successful bidder
 - Titles to be in black capital letters against white background. Font to be + 6cm in size. Signage to be on signage board with aluminum backing with white background and black writing. Font to be 6cm tall and the board length to be determined by the titles.
 - Successful bidder to present draft layout for approval.

3 ADDITIONAL INFORMATION

- 3.1 Only 50mm Angle Iron to be used for the framing with 20mm steel plating with 2 x 30 mm pick up holes per cover with support gusset between corner to corner.
- 3.2 On the framing – welding on the gusset to be 20 x 12 on to the angle iron to hold the plate level with framing.
- 3.3 All steel to be galvanized
- 3.4 On the angle Iron to have M10 Raw Bolt holes to mount manhole frame to the floor – 4 x manhole frames per drain.
- 3.5 Only SANS/SABS approved materials to be utilized.
- 3.6 Guarantee: The service provider is to provide a minimum 24 months guarantee materials provided

4 PRICING CONSIDERATION

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

- 4.1 The service provider is to quote on all items as listed in section 2.
- 4.2 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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5 SAFETY

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

- 5.1 All personnel reporting to the terminal must come in full personal protective equipment gear (safety vest, hard hat and safety shoes).
- 5.2 Vehicles used to be fitted with rotating flashing light and proper company signage when accessing the terminal.
- 5.3 No discipline irregularities will be condoned. Offenders will be requested to leave the terminal immediately pending a full investigation.
- 5.4 Notification of arrival will be mandatory.

6 QUALITY REQUIREMENTS

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

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

7 MANDATORY SITE MEETING

- 7.1 Mandatory site meeting date and time as per etender portal. Site meeting will take place at 111 Mahatma Gandhi Road Building parking area.

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.

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9 ACCESS PERMIT

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

- Permits must be requested prior to the delivery of the fabricated components. This is done by sending an email to TPT permit office (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 note from the permit office. This note will the allow you to enter the terminal.
- 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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