

TRANSNET PORT TERMINALS

DOCUMENT TITLE:

Scope of Work

PROJECT TITLE:

MHA AND F SHED PPE STORE RENOVATIONS

1. INTRODUCTION

Transnet Port Terminal is looking to appoint an experienced and qualified service provider to renovate MHA and F shed stores at Roro Terminal.

2. SCOPE OF WORKS SPECIFICATION

Receiving area

1. Remove X2 each electrical double plugs on wall and wiring to DB prior to installing shelves.
2. Supply and install X2 each steel structured blue shelving with wood slatted shelves as per existing design, etc in store.
 - a) $\pm 6\text{m}$ (L) X $\pm 1,8\text{m}$ (H) X $\pm 600\text{mm}$ (W) X 4 shelves
 - b) $\pm 4\text{m}$ (L) X $\pm 1,8\text{m}$ (H) X $\pm 600\text{mm}$ (W) X 4 shelves

Battery stands

1. Manufacture X2 each battery standards out of timber framework to be 45mm X 60mm meranti timber with 25mm waterproof ply wood as per example in store. The size is $\pm 1,520\text{m}$ (L) X $\pm 900\text{mm}$ (H) X $\pm 600\text{mm}$ (W). They are to have 3 shelves per stand. Size is per stand.
2. Install rubber mats on the shelves. The rubber matting is to be 5mm reinforced rubber matting (black).
3. Paint the battery stands blue the same colour as shelves.

Battery cage

1. Manufacture cage from expanded wire and 50mm X 50mm square tubing and to be galvanized.
2. The size of the cage is to be 4m(L) X 3m(H) X 1m(W)
3. The cage is to have a partition in the middle separating the old batteries from the new batteries.
4. The cage is to have a roof, sides and 2 double doors on front.
5. The doors are to be lockable with a 76mm padlock locking pins on the left door per double door (top and bottom)
6. The cage is to be painted blue as per same of shelving.
7. The cage is to be mounted to the floor and wall 1m from corner as per site meting near service pit.
8. Install battery storage area signage and warning signage for no smoking. Old and new battery signage.

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Consumable store

1. Move steel draws and mount to wall under the window with the necessary brackets and rawl bolts against the wall.

Liebherr store

1. Remove fire extinguisher and mounting, remove signage. Replace fire extinguisher and mounting and replace signage in new area next to the door as per site meeting.
2. Supply and install X2 ea 'L' shaped steel structured blue shelving with wood slatted shelves as per existing design, etc in store.
 - a) $\pm 1,950\text{m} \times \pm 2,5\text{m} \times \pm 1,8\text{m(H)} \times \pm 600\text{mm(W)} \times 4$ shelves
 - b) $\pm 2,4\text{m} \times \pm 2,7\text{m} \times \pm 1,8\text{m(H)} \times \pm 600\text{mm(W)} \times 3$ shelves

Gas storage area

1. Supply and install aluminum white carport 0,8mm thick IBR sheets. The size of the carport is $\pm 2,4\text{m(W)} \times \pm 2,5\text{m(L)}$
2. The carport aluminum roof sheets are to be secured on every top flute (corrugation) with self drilling galvanized text screws with roof washers and sealed with white silicone sealer.
3. The posts for the carport are to be secured to the ground on base plates, 4 rawl bolts per post. Galvanized rawl bolts to be used.
4. The posts are to be 76mm X 76mm square tubing with base plates and powder coated white.
5. The lip channel are to be 155mm X 50mm galvanized and powder coated white.
6. The carport is to have white profile gutters all round and to be manufactured by aluminum.
7. The gutter outlet is to be installed on the lower side of the lean against the fence.
8. Seal the awning between the service pit side cladding and the new aluminum awning.
9. The height of the awning is to be above the vent on the side of the service pit cladding $\pm 3\text{m}$ leaning towards the fence side.
10. Move the existing fence line prior to installing new awning closer to the tyre store awning. Additional material to be supplied as per existing to extended, close between building and fence line.
11. Install clear VU green fencing on side of the new awning as per existing with galvanized green fencing and posts.
12. Install double clear VU gates and posts on front of the awning. Gates are to be made from 76mm X 76mm square tubing with clear VU inserts. All material to be galvanized.
13. Gates to have heavy duty hinges as per site meeting, to have padlock locking mechanism (76mm lock). Gate to have locking pins on the gate with locking pins in the open and closed position.
14. Signage should be promptly displayed, no smoking, compressed gas, flammable gas, PPE as

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required.

MHA stores office and passage

1. Remove existing tiles on floor in stores office and prepare for tiling. The area is $\pm 31\text{m}^2$ as per site meeting.
2. Replace tiles on floor as per existing colour and size. The area is $\pm 31\text{m}^2$ as per site meeting.
3. Install aluminum edging at doorways, ramp, step, etc where required.
4. In passageway remove existing tiles in order to install hump (ramp). The size is $\pm 1,385\text{m(W)} \times \pm 1,070\text{m(L)} \times \pm 60\text{mm(H)}$. To prevent water coming into the office area.
5. Retile the hump(ramp) with similar tiles as per existing.
6. Install signage on wall. Uneven surfaces X2 signs either side of the hump(ramp)
7. Clean and clear site.

F-shed PPE satellite store.

1. Repair door frame and install new door lock to door.
2. Install concertina security gate (brown colour) to entrance door.
3. Paint door and frame as per existing colour grey.
4. Repair damaged tiles at doorway entrance and replace edging.
5. Manufacture a galvanized ramp with tread plate and steel for the door entrance step up. The ramp is to be potable and the width of the doorway. Length of the ramp to be discussed at site meeting.
6. Install concertina type burglar guards to X7each windows (To be brown in colour)
 - a) 4ea X $\pm 1,390\text{m(H)} \times \pm 1,100\text{(W)}$
 - b) 3ea X $\pm 725\text{mm(H)} \times \pm 1,110\text{(W)}$
7. Prepare and paint 3each windows $\pm 725\text{mm(H)} \times \pm 1,110\text{m(W)}$ with Plascon enamel white or similar X3 coats.
8. Prepare and paint walls with Plascon double velvet country mushroom or similar X3 coats. Area is $\pm 92\text{m}^2$
9. Prepare and paint ceilings with plascon ceiling white paint X3 coats. The area is $\pm 48\text{m}^2$
10. Supply and install X4 each steel structure blue shelving with wood slatted shelves as per existing design, etc in store.
 - a) $\pm 6\text{m(L)} \times \pm 1,8\text{m(H)} \times \pm 600\text{mm(W)} \times 4$ shelves X 1 each (door wall slide)
 - b) $\pm 4\text{m(L)} \times \pm 1,8\text{m(H)} \times \pm 600\text{mm(W)} \times 4$ shelves X 3 each (big window slide) and 2each in the centre.
11. Clean and clear site.

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3. Additional Information Requirements

- 3.1 Only SANS/SABS approved materials to be utilized.
- 3.2 Guarantee: The service provider is to provide a minimum of 24 months guarantee on the quality and workmanship.
- 3.3 All bidders must attend a compulsory briefing session and bidders who did not attend a briefing session will be disqualified.

4. Technical evaluation

- 4.1 All vendors bidding for this tender will be technical evaluated and the scoring procedure is in reference with Appendix B. The vendor who does not submit documents as in Appendix B before the closing date of the RFQ will be disqualified.
- 4.2 All bidders must be registered with the Construction Industry Development Board (CIDB)

5. Pricing considerations

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

- 5.1 All costs relating to the safety file from SHEQ department.
- 5.2 The service provider will quote per item as listed in section 2.
- 5.3 All costs relating to the equipment hiring, machinery etc, are to be included in the bidders for the entire success of this project.

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 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.

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6.7 Notification of arrival will be mandatory.

7. **Quality Requirements**

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

7.1 EEAM-Q-006 – Structural steel work

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 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) stating the reason for entry, full name and ID number for personnel entering the port. Once at the Terminal you will need to collect a physical permit note from the permit office. This note will allow you to enter the terminal.
- Hardcopy of RFQ
- Proof of identification for all employees attending.
- Letter from the relevant company stating the names and surnames of the employees 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 pricing.

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10. Conducting the work

In order to acquire access permits for conducting work, external contractors will need to attend safety induction (valid for a year). Safety would also advise the need for submitting a safety file. There after application for permits from security can be submitted. 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 provisions have 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.

	Name:	Title:	Signature:	Date:
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