



TRANSNET PORT TERMINALS AGRI & MW

Document Title:

SCOPE OF WORK

Project Title:

REPAIR ROOF SHEETING IN VARIOUS AREAS AT MAYDON WHARF TERMINAL

REVISION 00:

1. Introduction

Transnet Port Terminal is looking to appoint an experienced and qualified service provider to repair the roofs, walls, side cladding, plastering, plumbing, painting, gutters etc. as per the scope at various areas at the Maydon Wharf Terminal.

2. Scope of works specification

2.1 Area 1 – Flat shed : Shed walls, side cladding and gutter

- 2.1.2 Replace side cladding on side of shed. Aluminum sheeting x 2 sheets x +- 5,5m long. Roof screws every second top flute on sheets.
- 2.1.3 Replace side cladding on side of shed. Aluminum sheeting x 2 sheets x +- 2,720m long. Roof screws every second top flute on sheets
- 2.1.4 Remove and replace spotlight once wall has been repaired.
- 2.1.5 Remove existing damaged inner and outer wall as per site meeting +- 9m in length x +- 3m in height and remove 2 columns. One ea. is 1 brick x 1 brick and 1 ea. is 2 brick x 1 brick as per existing

2.2 Area 2- Flat shed: Near Weighbridge

- 2.2.2 Build new wall with face bricks as per existing outside and clay common bricks on inside with 2 columns as per existing inside.
- 2.2.3 Brickwork to have brick force on every 4th coarse on one brick wall.
- 2.2.4 Bag inner wall and paint inner wall Plascon P.V.A. white or similar x 3 coats.

2.3 Area 3 – MW: MHA Stores

- 2.3.2 Repair roof and MHA Stores, DICs office, roof sheets ridging and metal barge board.
- 2.3.3 Roof sheet over 0.8mm aluminum roof sheets +- 8,5m long x +- 750mm wide IBS roof sheets, blue
- 2.3.4 Blue 0.8mm barge boards +- 250mm x +-250mm
- 2.3.5 Blue 0.8mm center ridging +- 600mm wide
- 2.3.6 Sheeting to be secured to purlins every top flute with self-drilling roof text galvanized screws with roof washers and sealed with clear silicon sealer.
- 2.3.7 Add additional roof screws to existing roof sheets
- 2.3.8 10x rows x purlins +- 2.3m long +- 4 screws per sheet
- 2.3.9 +- 1 300 each roof screws

2.4 Area 5 – Shed 7A: First Floor

- 2.4.2 Remove and replace 32 each broken windowpanes and glaze with putty
- 2.4.3 Close the secure all opening windows
- 2.4.4 Repair and secure double door hatch.

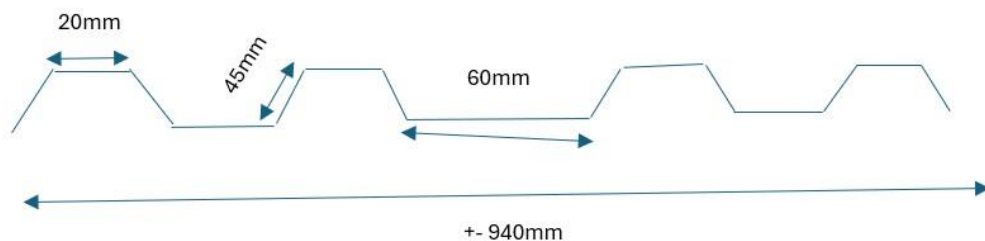
2.5 Area 6 – Shed 7A: Second Floor

- 2.5.2 Remove and replace 71 each broken windowpanes and glaze with putty.
- 2.5.3 Close and secure all opening windows.
- 2.5.4 Repair and secure double door hatch.
- 2.5.5 Remove and replace damaged and missing roof sheets x 5 ea. +-4.2m (l) with Nu Tec Fiber cement sheets as per existing profile. Install roof sheets with roof screws and roof washers on ever 2nd top flute to the purlins.
- 2.5.6 Replace damaged roof ridging with Nu Tec Fiber cement ridging as per existing profile.
- 2.5.7 Replace damaged dummy trusses in the corner and replace sheet +-3.6m(l) and waterproof gramble end on far end

N.B:- Prime window frames prior to replacing glass for glazing.

2.6 Area 7 – Agri: Sun Silo

- 2.6.2 Replace missing sheet with aluminum white sheeting drawing to follow

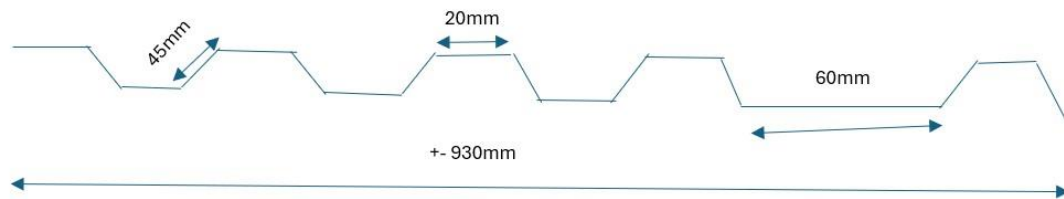


- 2.6.3 The sheet is to be fixed to the purlins with self-drilling text screws on every top flute and sealed with white silicone sealer. The text screws to have roof washers and secure both sheets either side of the replacement sheet and seal.

2.7 Area 8 – E1 & E2 Roof

- 2.7.2 Remove and replace x 2 ea. damaged whirly birds as per existing opening and seal
- 2.7.3 Remove and replace x 2 ea. currently translucent sheets that are damaged with aluminum roof sheeting as per existing profile and type.

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2.7.4 Remove and replace damaged aluminum barge boards as per existing profile and sizes. Same color as per existing, both sides.

2.7.5 The roof sheets are on the side and is cladding which requires to be fixed to every side purlin with aluminum hook bolts and roof washers on every top flute of the roof sheeting as per existing type hook bolts and sealed with silicon sealer

2.8 Area 9 – Agri: RC2 Conveyor roof repairs

- 2.8.1 Remove existing roof sheeting. The total area is 84 m². All the old metal to remain property of Transnet.
- 2.8.2 Install aluminium industrial 7 white 0.8mm thick roof sheet with 'L' shaped aluminium hook bolts, nuts and galvanized washers. Seal with white silicon every alternate top flute. The hook bolt size is +/- 250mm length and +/- 55mm mm width
- 2.8.3 Install aluminium white flashing 0.8mm thick between roof, top roof and on angle conveyor roof complete with flute closures and poly closures. Waterproof flashing, install flashing at the bottom of the conveyor and waterproof flashing. The lengths of the flashing is +/- 6,7m long top flashing, the angled flashing +/-19m and the bottom flashing is +/- 3m.
- 2.8.4 Install aluminium brown metal barge boards 0.8mm thick. The lengths is 2 off +/- 3.9m long

NB: Consideration to be taken into account the height for access to repair all areas. Clean and clear site.

NB. All old steel to remain the property of Transnet

2 Technical evaluation

- 2.1 All vendors bidding for this tender will be technical evaluated and the scoring procedure is in reference to Appendix B. Bidders who do not submit documents as per Appendix B requirements before closing date of the RFQ will be disqualified.
- 2.2 All bidders must be registered with the Construction Industry Development Board (CIDB) and have a minimum of level 4-GB.

3 Additional Information Requirements

- 3.1 All bidders must attend a compulsory briefing session and bidders who did not attend a briefing session will be disqualified.
- 3.2 All cost must be considered to ensure an approved safety file from our SHEQ department.

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- 3.3 All measurement listed are only a guide, the contractor is responsible for his/her own measurements.
- 3.4 Only SANS/SABS approved materials to be utilized.
- 3.5 Guarantee: The service provider is to provide a minimum of 12 months guarantee on the quality and workmanship of the manufacture structure.

4 Pricing considerations

The service provider must quote as follows:

- 4.1 All costs relating to the safety file are to be included in the bidder's quotation.
- 4.2 The service provider will quote per item as listed in section 2.
- 4.3 All costs relating to the equipment hiring, machinery etc., are to be included in the bidders for the entire success of this project.

5 Safety

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

- 5.1 All personnel reporting to 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 Only certified or competent technical personnel are required to operate electrical machinery.
- 5.4 All TPT owned equipment, or property needs to be signed off by TPT representatives before exiting the terminal.
- 5.5 Terminal provides mess and ablution facilities and must always be kept clean.
- 5.6 No discipline irregularities will be condoned. Offenders will be requested to leave the terminal immediately pending a full investigation.
- 5.7 Notification of arrival will be mandatory.

6 Quality requirements

- 6.1 The awarded Service provider is to adhere to the below Employer Specifications where applicable.
- 6.2 EEAM-Q-006 - Structural steelwork
- 6.3 EEAM-Q-008 - Corrosion protection
- 6.4 EEAM-Q-009 - Quality Management
- 6.5 EEAM-Q-013 - Commissioning and hand over Rev1
- 6.6 BS 5493 - Code of practice for protective coating of iron and steel structures against corrosion
- 6.7 SANS 136 ISO metric precision hexagon-head bolts and screws, and hexagon nuts (coarse thread medium fit series)

7 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.

8 **Access Permit**

Site meeting:

For the site meeting, all suppliers are required to bring with them the following in order to apply for the required permit:

- 8.1 Hardcopy of RFQ
- 8.2 Proof of identification for all employees attending.
- 8.3 Letter from the relevant company stating the names and surnames of the employees requesting access and reason for access requesting access and reason for access is to be emailed to security requesting entry permit. Email address is tptmwsecurity@transnet.net. A hard copy of the same letter will be required to be presented to security to obtain the permit. The security office is based at the end of Shadwell road in the GCOS Building. Please ensure that the permit is obtain well before start time of the site meeting.
- 8.4 Minimum PPE is mandatory: Safety vest, hard hat and safety shoes.
- 8.5 Suppliers are advised to bring any/all required measuring tools for proper pricing. **Site meeting for this SOW will be as advised on the eTender Portal.**

11. 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.

12. 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.

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