

Transnet Port Terminals

Scope of Work

**DESCRIPTION: REPAIR MHA WORKSHOP ROOF AT DURBAN MULTI PURPOSE
TERMINAL FOR TRANSNET PORT TERMINALS, OPERATING DIVISION OF
TRANSNET SOC Ltd (Reg. 1990/000900/30)**






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1. Background

Transnet Port Terminal in Durban is a material handling facility where bulk and break bulk cargo is imported and exported through a network of material handling equipment.

This network comprises of equipment and buildings that require proper maintenance to ensure safety, preserve their value, and extend their lifespan by preventing damage, addressing potential issues, and maintaining functionality and comfort.

Hence, technical facility department require a qualified contractor to furnish roof repair services at MHA Technical Workshop situated in the Port of Durban MPT terminal. The workshop is responsible for fleet equipment maintenance activities. Within the workshop there are offices, changerooms for males and females and the ablution facilities. The roof of this building requires major repairs and few alterations in order to do away with falling roof underlay and badly damaged bird proofing.

2. Site Allocation

The site is located at the Port of Durban, Transnet Port Terminal (TPT) at Quayside Road, Durban. GPS Coordinates: -29.866582, 31.037644.

3. Scope of Work

The scope includes but not limited to the table below, the rest will be covered during the site meeting.

PROFILED METAL SHEETING AND ACCESSORIES		
Removal and disposal of existing roof coverings, ridge ventilators flashings, Aluminum Tornado Turbine Ventilators, panel boards and bird proofing. Dispose steel sheet at TPT reverse logistic site.	m ²	±1572.00
0,8mm Aluminum G4 Coated Saflok Sheeting or other equal and approved conceal-fixed roof sheeting including accessories and fixed to steel purlins as per manufacturers recommendations.	m ²	±1572.00

FLASHINGS, CAPPINGS ETC		
0.8mm Aluminum Ridge Flashings 460mm (Centre ridding) and waterproof	m	±63
0.8mm Aluminum Sidewall Flashings 616mm (Gable ends) and waterproof	m	±104
0.8mm Aluminum Counter Flashings 185mm (Parapet) and waterproof	m	±63
0.8mm Aluminum Saflok Closures	m	±125
Sondor Saflok pattern polyclosures	m	±125
Replace 600mm Aluminum Tornado Turbine Ventilators, must be installed with all necessary back flashings and waterproofing	ea	8.00
ROOF INSULATION		
4mm Alu bubble (White) insulation laid taut over purlins and fix galvanized straining wire at 383mm centres concurrent with roof covering	m ²	±1572.00
GUTTERS AND DOWNPIPES		
Removal of existing box gutters. Dispose of steel at TPT reverse logistic site.	m	±93.60

Installation of new $\pm 400 \times \pm 100$ mm aluminum box gutters and waterproofing fixed to existing 110mm PVC downpipes (9 of)	m	± 93.60
BIRD PROOFING		
Remove old bird proofing and replace with new nylon bird proofing as per existing design. Install industrial inspection zip on the new bird proofing, underneath 19x workshop lights, for access to the light. Zip size to be 3m x 4m and positioned in the center of the 19 workshop lights. Straining cables and tensioning mechanisms complete are to be replaced.	m ²	± 1440

4. Other Requirements:

All bidders must attend a compulsory site briefing session to be held at Transnet Port Terminal premises. Non-attendance to the briefing session will lead to bidder's immediate disqualification.

Access permits for briefing session

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

- 4.1 hardcopy of the RFQ/Advert.
- 4.2 Proof of identification for all employees attending.
- 4.3 Letter from the relevant company stating the names and surnames of the employees requesting access and reason for access.
- 4.4 Minimum PPE. safety vest, hard hat and safety shoes.
- 4.5 Contractors are advised to bring necessary measuring tools for proper pricing.

5. Contractors' responsibilities.

The *contractor* shall

- 5.1 Provide all the necessary skills, resources, tools, equipment and experts, to carry out the works; team to carry out the repairs is to have qualifications related to building maintenance works.
- 5.2 Review, familiarize and understand the proposed site including all constraints and environmental factors.
- 5.3 Review, familiarize and understand the operational requirements of the MPT/Car Terminal.
- 5.4 Perform any other reasonable works required to successfully deliver the services to Transnet on time, on budget, at the accepted quality.
- 5.5 Provide all necessary SHE compliance documentation as per Transnet Port Terminals, including the submission and approval of a safety file
- 5.6 The contractor will be expected to submit and keep (make available to Transnet on request) repair reports.

6 Safety

The following safety procedures together with the terminal standard operating procedures are always to be adhered to.

- 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 Safety signage and correct demarcating to be used to alert and control movement of personal in the area where the work will be carried out.
- 6.3 Vehicles used to be fitted with rotating flashing light and proper company signage when accessing the terminal.
- 6.4 Only certified or competent personnel are required to operate machinery.
- 6.5 All TPT owned equipment, or property needs to be signed off by TPT representatives before exiting the terminal.
- 6.6 Terminal provides mess and ablution facilities and must always be kept clean.
- 6.7 Notification of arrival will be mandatory.

7 Warranty

The contractor must provide a warranty after completing the repairs, Transnet prefers the duration of warranty to be of the minimum period of 24 months.

8 Operating Hours

The Durban MPT/Car Terminal operates 24 hours a day. The normal working hours (06h45 – 15h15) and all work should be done during this period. Any work requiring irregular hours should be communicated timeously

9 Site Facility

No provisions have been made for the site facilities. Security of the Service Provider's 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

10 Pricing Considerations

The service provider must quote as follows.

- 10.1 All costs relating to the Safety File requirements are to be included in the bidder's quotation.
- 10.2 The Service provider will quote per item as listed in Section 3 (Scope of work).
- 10.3 All costs relating to equipment hiring of machinery, tools, professional consulting, etc. are to be included in the bidder's quotation for the entire success of this project.
- 10.4 All measurements in this document are estimates. It is the responsibility of the bidder during the briefing session to verify these measurements and quote accordingly.