

## **DURBAN BBC TERMINALS**

Document Title:

### **SCOPE OF WORK**

Project Title:

### **REPAIRS TO DUST HOUSE AND SUBSTATION**

## 1. **INTRODUCTION**

Transnet Port Terminal is looking to appoint an experienced and qualified service provider for renovations and repairs to the Agri-Port Dust House and substation. This project seeks to improve the overall functionality and appearance of the dust house while ensuring minimal disruption to operations. The selected contractor will be responsible for executing the work efficiently and safely, adhering to specified guidelines, and ensuring a clean site upon completion.

## 2. **SCOPE OF WORK REQUIREMENT**

- 2.1. The appointed service provider will be required to submit a safety file for approval by our safety department before commencing work.
- 2.2. Plastering, painting, carpentry, waterproofing ,aluminum work, brickwork, and electrical as per the scope of work

## 3. **SCOPE OF WORKS SPECIFICATION**

### 3.1.**SUBSTATION ROOF NEAR DUST HOUSE**

- 3.1.1. Prepare the roof and install "torch-on" on the roof as per procedure, primed silver coat coating the roof area is 60 square meters.
- 3.1.2. Remove and replace aluminum earthing on the roof and replace on completion of waterproofing.
- 3.1.3. Remove and replace lighting on completion of waterproofing.

### 3.2.**DUST HOUSE AND DUST HOUSE ELECTRICAL SUPPLY**

- 3.2.1. Remove and replace aluminum earthing on the roof and replace on completion of waterproofing. Remove existing waterproofing on dust house roofs and bottoms of RC2 conveyor roofs for the installation of new "torch-on" Waterproofing is to be installed on roofs and sealed around steel structures' legs, braces, etc., to prevent water from seeping through.
- 3.2.2. The "torch on" waterproofing is also to be primed and painted as per the installation procedure, silver coat coating. The roof area is 146 square meters.
- 3.2.3. Repair the concrete ceiling in the dust house.
- 3.2.4. Remove and replace 2XEA Meranti FL&B doors and Meranti door frames in the dust house and dust house electrical supply room as per opening sizes. The door in the dust house is to have a Union 3 lever mortice lock installed and painted with Plascon enamel grey X3 coat or similar.
- 3.2.5. The door in the dust house electrical room is to have a union 3 lever mortice lock and a 300mm galvanized pad bolt installed on the door for a padlock to be installed on the door. The door will be painted with Plascon enamel orange, X3 coats or similar.
- 3.2.6. Remove and replace 2X louvre windows in the dust house are  $\pm$  990mm (H)x 970mm(w) and  $\pm$  975mm (h)x 975mm(w) opening with 2EA natural aluminum louvre windows with fine mesh on the inside.

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- 3.2.7. Remove louvre and brick up around the cable track by DB control panel and plaster as per existing inside and outside. Manufacture and install a galvanized sheet metal cover to prevent water from coming into the dust house electrical supply room as per the site meeting.
- 3.2.8. Prepare and paint steel handrails platforms, posts, and structures inside the dust house. To be painted with enamel paint X3 coats or similar.
- 3.2.9. Handrail pipework to be yellow. Platforms to be grey. Posts to be grey. Structure to be grey. By applying X3 coats of paint to all areas.
- 3.2.10. Install x3 EA wooden 19mm black stripe plyboards over the windows in the dust house and paint as per wall color paint.
- 3.2.11. Prepare and paint walls inside the dust house and dust house electrical supply room with plascon double velvet grey X3 coats or similar. Area is 266 square meters.
- 3.2.12. Prepare and paint ceilings inside the dust house and dust house electrical house supply room with ceiling plascon white paint X3 coats or similar. The area is 110 square meters.
- 3.2.13. Repair cracks on the outside side walls with plaster as per existing and prepare for painting as per existing. Apply primer coat and X3 coats finishing.
- 3.2.14. Prepare and paint steel handrails platforms, posts, and structures outside the dust house. By applying X3 coats of enamel paint.
- 3.2.15. Handrail pipe works to be yellow. Platforms to be grey. Posts to be black. Structure to be grey. Prepare and paint wall as per site meeting with Plascon Wall and All grey or similar by applying X3 coats. Area is 136 square meters.
- 3.2.16. Clear and clean site.

#### 4. **ADDITIONAL INFORMATION REQUIREMENTS**

- 4.1. All bidders must attend a compulsory briefing session and bidders who did not attend a briefing session will be disqualified.
- 4.2. All costs must be considered to ensure an approved safety file from our SHEQ department.
- 4.3. All measurements listed are only a guide, the contractor is responsible for his/her measurements.
- 4.4. Only SANS/SABS-approved materials are to be utilized.
- 4.5. Guarantee: The service provider is to provide a minimum of 12 months guarantee on the quality and workmanship of the manufacture structure.

#### 5. **PRICING CONSIDERATIONS**

The service provider must quote as follows:

- 5.1. All costs relating to the safety file are to be included in the bidder's quotation.
- 5.2. All cost relating to any professional skills required for the success of the project.
- 5.3. The service provider will quote per item as listed in section 2.
- 5.4. All costs relating to the equipment hiring, and machinery, are to be included in the bidders for the entire success of this project.

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**6. SAFETY**

The following safety procedures together with the terminal standard operating conditions are to be always 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 lights 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. The 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-009 - Quality Management

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

- 9.1. Hardcopy of RFQ
- 9.2. Proof of identification for all employees attending.
- 9.3. Letter from the relevant company stating the names and surnames of the employees requesting access and the reason for access.
- 9.4. Minimum PPE, safety vest, hard hat, and safety shoes.

**10. CONDUCTING THE WORK**

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. Their application for permits from

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security can be submitted. For vehicle 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 provider's tools, materials, and machinery remains the responsibility of the service provider to provide his scaffolding, ladders, etc. wherever necessary and/or required for the completion of the work.

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