



TRANSNET PORT TERMINALS

**DOCUMENT TITLE:
PUMP INSTALLATION AT AGRI-PORT TERMINAL**

Scope of Work

1. Background

TPT Agri Terminal's core business is handling bulk cargo commodities entering or exiting via the Durban harbor premises. For this reason, the terminal's assets and equipment must be well maintained and serviced as a statutory requirement to comply with general machinery regulations and health and safety and create a conducive working environment for all employees. The engineering department is seeking to appoint a service provider to supply and install the various stormwater pumps in the grain elevator.

2.1 Scope Of Work Requirements

- 2.1.1 Supply pumps as per requirements
- 2.1.2 Mechanical and electrical installation of the various stormwater pumps.
- 2.1.3 The appointed bidder will be required to submit a safety file for approval by our safety department before the commencement of work.
- 2.1.4 Bidder must commit to providing a COC for the electrical installation done on completion of the works. Certificate of Compliance must be issued by Master Electrician.
- 2.1.5 Electrical panels and electrical connections must conform to Zone 20 hazardous environment.

2.2 Scope Of Work Specification

- 2.2.1 Supply and Install HCP 80AFP 21.5 1.5 kW 220v c/w Float Switch, Single DOL Control Panel, uPVC Discharge Pipework with support brackets, lifting chain, and perform Mechanical & Electrical Connection / High Level Alarm with Siren and Flashing Light
- 2.2.2 Supply and Install HCP 80AFP 22.2 2,2kW 380v c/w Float Switch, Single DOL Control Panel, uPVC Discharge Pipework with support brackets, lifting chain, Mechanical & Electrical Connection / High Level Alarm with Siren and Flashing Light
- 2.2.3 Supply and Install HCP 80AFP 22.2 2,2kW 380v c/w Float Switch, Single DOL Control Panel, uPVC Discharge Pipework with support brackets, lifting chain, Mechanical & Electrical Connection / High Level Alarm with Siren and Flashing Light
- 2.2.4 Supply and Install HCP 80AFP 22.2 2,2kW 380v c/w Float Switch, Single DOL Control Panel, uPVC Discharge Pipework with support brackets, lifting chain, Mechanical & Electrical Connection W/ High Level Alarm with Siren and Flashing Light
- 2.2.5 Supply and Install X2 HCP 80AFP 21.5 1.5 kW 220v c/w Float Switch, 40m Lay flat, Hose clamps and Lifting rope.
- 2.2.6 Test and commission
- 2.2.7 Clean and clear site

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 measurements listed are only a guide; the contractor is responsible for his/her measurements.
- 3.3 Only SANS/SABS-approved materials are to be utilized.
- 3.4 Guarantee: The service provider is to provide a minimum of 12 months' guarantee on all new sump pumps installed.

4. Quality of workmanship and materials.

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

- 4.1 EEAM-Q-006 - Structural steelwork
- 4.2 SANS 10252- 2- Water supply and drainage for buildings
- 4.3 SANS 10142- Safe installation of electrical equipment like sump pumps.
- 4.4 EEAM-Q-008 - Corrosion protection
- 4.5 EEAM-Q-009 - Quality Management
- 4.6 EEAM-Q-013 - Commissioning and handing over Rev1.

5. Safety

The following safety procedures and the terminal standard operating conditions must be adhered to. No exceptions will be tolerated.

All personnel reporting to the Terminal must come in full Personal Protective Equipment gear (Safety Vest, hard hat, and safety shoes).

- 5.1. Vehicles used to be fitted with rotating flashing lights and proper company signage when accessing the terminal.
- 5.2. Only certified or competent technical personnel are required to operate electrical machinery.
- 5.3. All TPT-owned equipment or property needs to be signed off by TPT representatives before exiting the terminal.
- 5.4. The terminal provides mess and ablution facilities and must always be kept clean.
- 5.5. No discipline irregularities will be condoned. Offenders will be requested to leave the terminal immediately pending a full investigation.
- 5.6. Notification of arrival will be mandatory.

6. Pricing considerations

The service provider must quote as follows:

- 6.1. All costs relating to the safety file are to be included in the bidder's quotation.
- 6.2. The service provider will quote per item as listed in section 2.
- 6.3. All costs relating to the equipment hiring and machinery are to be included in the bid for the success of this project.

7. Operating Hours

The Durban Agri-Port Terminals operate 24 hours a day. The infrastructure maintenance team mainly works a day shift (06h45 – 15h15), 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 to apply for the required permit:

- Hardcopy of the RFQ.
- Proof of identification for all employees attending.
- A letter from the relevant company stating the names and surnames of the employees requesting access and the reason for access.
- Minimum PPE. Safety vest, hard hat, and safety shoes.
- Suppliers are advised to bring any/all required measuring tools for proper pricing.

9. Conducting the work

To acquire access permits for conducting work, external contractors will need to attend a safety induction (valid for a year). Safety would also advise the need for submitting a safety file.

Thereafter, applications for permits from 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.

10. Site Facilities

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

11. Sign-off and Acceptance

We, the undersigned, accept the terms and conditions contained within this agreement for the Agri Port Terminal.

Compiled by:



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