

TRANSNET PORT TERMINALS

INSTALLATION OF CAR WASH BOOTH AT G-SHED INCLUDING CIVIL WORKS AND WATER DRAINAGE SYSTEM

Scope of Work

1. **INTRODUCTION**

Transnet Port Terminal is looking for an experienced and qualified service provider for the provision of the wash bay booth facility for G shed, for washing of vehicles destined for markets specified by OEM's (ORIGINAL EQUIPMENT MANUFACTURER) including specialized equipment on an as and when basis.

2. **SCOPE OF WORKS SPECIFICATION**

Design, Supply, Install, Commission & Maintain the facility

- 2.1 (1x) Multi Spray System with Bronze/Stainless Steel nozzles (20-24 nozzles at 10-15 bar)
- 2.2 (2x) Stainless Steel 15.0 kw multistage pump units (1x duty, 1x standby, alternating, complete with IP 65 weatherproof Motor Control Panel
- 2.3 Each Pump individually Variable Speed Driven
- 2.4 Automatic Wash Bay Pressure Pump, Start/Stop mechanism with timer
- 2.5 Concrete Drainage water sump 1000 x 1000 x 1500
- 2.6 Galvanized fabricated 3 x Tier Settling Tank Stand
- 2.7 (3) x 1000 liter Settling Tanks, complete with connection fittings, pipping and valves.
- 2.8 Settling tank return pump complete with sand filter
- 2.9 (2) x10 000 liter water storage tanks
- 2.10 Ozone Water Filtration System, with Ozone Generator, Aerator Mat and fittings
- 2.11 Automatic Low Level High Pressure Pump cut out
- 2.12 Automatic High Level pump stop
- 2.13 Delivery & return piping and fittings
- 2.14 Water supply piping, float valve and isolating valve to tank
- 2.15 Concrete water flow border to direct water to sump
- 2.16 Municipal Water, Tank "top up "Valve
- 2.17 Galvanized Steel Structure
- 2.18 (2)x Internal Guide Lanes
- 2.19 All Low Voltage cabling, switchgear and termination
- 2.20 Red and Green Indication lights
- 2.21 Civil works, water & drainage system

3. **ADDITIONAL NOTES TO THE SCOPE!**

- a. Lighting, cabling & COC.
- b. Install 6x1.5m LED waterproof double fluorescent lights
- c. Removal of existing structure. NB! Equipment to remain property of Transnet
- d. Create a bar drain on 3 sides of the structure to catch the water on the ground & must be connected to the water recycling reticulation with all the necessary filters etc.

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4. ROOF STRUCTURE

- a. Aluminium 0.8mm industrial 7 white sheets & secured on every top flute on the sheet & sealed with silicone.
- b. Structure & post are to be erected with galvanized material in concrete on the ground.
- c. Post of the structure are to be manufactured by 100mm x 100mm x 3mm square tubing, galvanized & powder coated white.
- d. Bims of roof structure to be 175mm x 76mm x 3mm lip channel galvanized & powder coated white.
- e. Flashing between the wall and the roof to be aluminium 0.8mm thick waterproofed.

5. Additional Information Requirements

- 5.1 All bidders must attend a compulsory briefing session and bidders who did not attend a briefing session will be disqualified.
- 5.2 All measurements listed are only a guide, the contractor is responsible for his/her own measurements.
- 5.3 Only SANS/SABS approved materials to be utilized.
- 5.4 Guarantee: The service provider is to provide a minimum of 24 months warranty on equipment, and 24 months warranty on workmanship inclusive of civils and structure.

6. Technical evaluation

All vendors bidding for this tender will be technically evaluated and the scoring procedure is in reference with Appendix B. The vendor who does not submit documents as in Appendix B before closing date of the RFQ will be disqualified.

7. Disputes

In a situation where, a contractual dispute with the service provided or the terms and conditions in the agreement. The Project Manager and or Technical manager or their representative will negotiate a binding decision.

8. Warranty

The supplier must give warranty of workmanship for 24 months period. And material warranty 24 months.

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9. **Pricing considerations**

The service provider must quote as follows:

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

10. **Safety**

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

No exceptions will be tolerated.

- 10.1 All personnel reporting to terminal must come in full personal protective equipment gear (safety vest, hard hat and safety shoes).
- 10.2 Vehicles used to be fitted with rotating flashing light and proper company signage when accessing the terminal.
- 10.3 Only certified or competent technical personnel are required to operate electrical machinery.
- 10.4 All TPT owned equipment or property needs to be signed off by TPT representatives before exiting the terminal.
- 10.5 Terminal provides mess and ablution facilities and must always be kept clean.
- 10.6 No discipline irregularities will be condoned. Offenders will be requested to leave the terminal immediately pending a full investigation.
- 10.7 Notification of arrival will be mandatory.

11. **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.

12. **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:

- Hardcopy of RFQ
- Proof of identification for all employees attending.

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- 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.
- Suppliers are advised to bring any/all required measuring tools for proper pricing.

13. **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.

14. **Site facilities**

No provisions have been made for the site facilities. Security of the service providers tools, material and machinery remains his/her responsibility. The service provider provides his own scaffolding, ladders etc. wherever necessary and/or required for the completion of the work.

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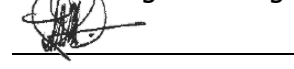


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