



**PROVISION OF WATER TRUCK SERVICE FOR TRANSNET  
SOC LIMITED, OPERATING AS TRANSNET PORT  
TERMINALS FOR A PERIOD OF THIRTY SIX (36)  
CALENDAR MONTHS, AT THE PORT OF SALDANHA**

**Document Reference Number:**

SOW-27-06-22-001

**Site:**

Bulk Terminal Saldanha

*Distribution of this document is restricted to Transnet and  
Transnet approved entities only*

## **TABLE OF CONTENT**

1. DEFINITIONS.....	3
2. ABBREVIATIONS .....	3
3. BACKGROUND.....	4
4. SCOPE OF REQUIREMENTS .....	4
5. QUALITY AND SERVICE .....	7
6. GENERAL SAFETY AND COMPLAINT SPECIFICATIONS.....	8
7. APPROVAL OF SCOPE OF WORK .....	9

## **1. DEFINITIONS**

### **1.1.Contract**

- 1.1.1. An agreement with specific terms between two or more parties or entities based on mutual consent, which has legal effects and involves transfer of consideration – usually financial or some other type of benefit.

### **1.2.Iron Ore**

- 1.2.1. a Rock or mineral from which iron can be profitably extracted.

### **1.3.Risk Assessment**

- 1.3.1. A risk assessment in this procedure means the process where all risks associated with the contract and its execution identified, mitigated and managed.

### **1.4. Fugitive Dust From The Roads**

- 1.4.1. Fugitive dust is an environmental air quality term for very small particles suspended in the air, primarily mineral dust that is sourced from the soil of Earth's pedosphere.

### **1.5.Dust Suppression**

- 1.5.1. Dust suppression is the application of liquid to restrict the airborne dissemination of fine particles

## **2. ABBREVIATIONS**

2.1. IMS:	Integrated Management System
2.2. TPT:	Transnet Port Terminals
2.3. SLD:	Saldanha
2.4. AEL:	Atmospheric emissions licence
2.5. Fe <sub>2</sub> O <sub>3</sub> :	Iron Ore
2.6. SHEQ:	Safety, Health, Environmental and Quality
2.7. PPE:	Personal Protective Equipment.
2.8. GPS:	Global Positioning System
2.9. Km:	Kilometre
2.10. m:	Meter
2.11. PTO:	Power take-offs
2.12. hr:	Hours

### **3. BACKGROUND**

- 3.1. Transnet Port Terminals (TPT) Saldanha requires a service provider to provide a water truck service for 36 Months.
- 3.2. The reduction of fugitive dust from the roads within the port boundaries is paramount to the port retaining its Environmental Authorization.
- 3.3. According to the Air Emission License (AEL), which is a legal environmental authorization, the reduction of fugitive dust is a legal requirement and makes Transnet Port Terminals (TPT) legally obliged to implement this service.

### **4. SCOPE OF REQUIREMENTS**

- 4.1. The Service Provider should supply Transnet Port Terminal with one (1) water truck and one (1) drivers to wet the roads at Transnet Port Terminals Saldanha. The Service outcome must be wet roads to minimise the iron ore dust emission from the roads.
- 4.2. The water trucks shall be operational and drive 7 days a week including public holidays for 9 hours a day (depending on weather conditions -Rain).
- 4.3. The service provider might be required to work after hours during windy and dry conditions to apply water on the roads. The SHEQ Department will inform the contractor ahead of time to work after hours as and when required.
- 4.4. Maintenance on the water trucks should not take place during operational hours. All Maintenance such as Servicing/repairs/adjustments of the water trucks will be off site and at Service Providers own cost.
- 4.5. The service provider will be responsible to inform the SHEQ department of any breakdowns or when the water truck will be required to leave the site during the operational hours.
- 4.6. The service provider will be responsible to provide a standby water truck and or driver when there is a breakdown on the water truck or driver availability.
- 4.7. Service Provider must send the drivers for an occupational medical and arrange for Transnet Port Terminal (TPT) Safety, Health, Environment and Quality (SHEQ) Induction.

- 4.8. Service Provider must provide the Drivers with the required Personnel Protective Equipment (PPE) (as identified in Risk Assessment and TPT Procedures), and replace on a wear and tear basis.
- 4.9. Service Provider to supply one (1) water truck with the following requirements on each Water Truck:
- 4.9.1. A water tank to spray the roads should be at a minimum of 10 000 liters Capacity.
  - 4.9.2. Water should be equally distributed over a  $\pm$  2.2m wide area through nozzles.
  - 4.9.3. Truck to be fitted with working Odometer and Global Positioning System (GPS), which can be printed and submitted to SHEQ monthly or on request.
  - 4.9.4. The service provider is to ensure that the adequate provision is made for Diesel/Petrol for the 9hr working per day.
  - 4.9.5. Water will be provided by Transnet Port Terminals Saldanha.
  - 4.9.6. The water tanker to provide sufficient water coverage when the truck is moving at approximately 20Km per hour with a 350liter per minute rate at which water is discharged.
  - 4.9.7. The water should spray through the nozzles which should be provided by a separate pump (PTO) and not gravity fed.
  - 4.9.8. The Water Truck might be required to transport and spray a liquid dust suppression chemical (provided by Transnet Port Terminals) in its water tank. This product will be biodegradable and non-corrosive and can be applied the same manner as spraying water on the roads for dust suppression. The dust suppression chemical MSDS can be provided upon request. (Note the application and dilution of the chemical into the water truck will be done by TPT).
- 4.10. The service provider is to ensure that the water truck provided to TPT are within the 100 000km and 5-year thresholds. Vehicles older than this will not be accepted as part of this contract.
- 4.11. The driver of the water truck should report to the Safety, Health, Environmental,
- 4.12. Risk and Quality (SHERQ) Department each morning before work commences and should notify when truck is off site during operational hours or being Serviced/repaired/adjustment/ refuelling and an additional truck should be provided to operate. The additional truck should be available within 30 minutes.

- 4.13. The drivers must at all times have a means of communication with Environmental Department (e.g. cell phone).
- 4.14. The Water trucks should always be ready for random audit inspections to ensure functionality.
- 4.15. The Service Provider must employ drivers who hold valid Code 10/7 driver's license in respect of the required type of vehicle(s) required.
- 4.16. The service provider shall ensure that for the duration of the contract with TPT; the vehicles utilized are in a roadworthy condition. TPT shall be entitled to request that the service provider produce a valid roadworthy certificate in respect of a vehicle or vehicles.
- 4.17. The Service Provider shall coordinate his work with the Transnet representatives and all work shall be performed so that any interruption of the normal operation is minimized. The service provider should supply TPT with a Business continuity plan.
- 4.18. The Service Provider shall provide cell phone numbers of managers, supervisors and technicians as requested by Transnet.
- 4.19. The Service Provider will be required to submit a Safety File upon award to the SHERQ Department.
- 4.20. The Service provider shall ensure that its employees tasked with providing the required service to Transnet Port Terminal are competent and experienced in carrying out its responsibilities as set out in the scope of work herein.
- 4.21. The Service Provider must be available for monthly meetings to discuss performance.
- 4.22. The Service Provider must have a permanently manned telephone (place of business/cell phone) and email, to ensure that immediate contact can be made to the office in case of emergency. The Service Provider must be contactable after hours.
- 4.23. The service provider shall be required to have a place of business (footprint) within the Western Cape Region.
- 4.24. The Service Provider shall ensure that price submitted must be quoted monthly based on the actual hours worked.
- 4.25. Should the Service Provider fail to execute the service, TPT shall further be entitled to arrange for an alternative Service Provider to provide the service and will deduct from the month's invoice all the costs incurred in engaging the alternative Service Provider.

- 4.26. Transport to and from the various monitoring sites must be supplied by the Service provider. Co-ordinates will be supplied. This to be part of the Service provider's cost structure.
- 4.27. The Water trucks MUST be cleaned on site daily following the shift and the Service Provider must procure a hose and rags to do so. Water will be provided at the wash-bays.
- 4.28. The Service Provider must ensure a minimum of 99.5 % utilization is achieved per annum.
- 4.29. The Service Provider should maintain a 75% Control Efficiency per month, based on the amount of time and distance the vehicle operated.

## **5. QUALITY AND SERVICE**

### **5.1. Human Capital**

- 5.1.1. The service provider shall further ensure that all drivers deployed have clear criminal records, be of sober habits, and are medically fit.
- 5.1.2. Supporting documents to be provided: Valid police clearance and medical certificates in respect of each driver and operator.
- 5.1.3. The costs associated in obtaining these certificates shall be for the service provider's account.
- 5.1.4. The Service Provider shall be fully responsible to Transnet Port Terminals (TPT) for the acts and omissions of its employees, permitted sub-contractors and agents. Furthermore, the service provider shall be solely liable for any damage caused to Transnet Port Terminals (TPT) property or injury caused to Transnet Port Terminals (TPT) Employees due to the negligence of its employees, permitted sub-contractors and agents.
- 5.1.5. Transnet Port Terminals (TPT) shall be entitled to deduct the amount so involved from any payment due to the service provider.

### **5.2. Communication**

- 5.2.1. The Service Provider(s) will be required to inform Transnet Port Terminals (TPT) in writing of all the challenges they are faced with Transnet Port Terminals (TPT) staff during the execution of the services.

- 5.2.2. The service provider(s) will further be required to attend a Quarterly Service Level Agreement (SLA) meeting whereby all issues for the previous quarter will be addressed to ensure that a resolution is obtained.
- 5.2.3. The drivers must always have a means of communication with SHEQ Department (e.g. cell phone).

### **5.3. Shift Patterns And Routes**

- 5.3.1. Transnet Port Terminals (TPT) Saldanha is divided into two Terminals, namely the Iron Ore/Bulk Terminal (IOT / BTS).
- 5.3.2. The service provider shall be required to service the terminal on request as per scope of requirements.
- 5.3.3. The Service Provider will be required 7 days a week including public holidays for 9 hours a day from 07h00 until 16h00. Depending on the Weather conditions (Rain) the SHEQ officer will arrange with the Service provider to relieve the drivers and request the Service provider to work in the hours as and when required after hours.

## **6. GENERAL SAFETY AND COMPLIANCE SPECIFICATIONS**

- 6.1. Contractor must submit **TRN-IMS-GRP-TMP 014.3 Employee Personal Profile Dossier** to contractor Manager for approval before induction training confirmed. Approved Employee Profile Dossiers includes certified copies of medicals, identity documents, competencies etc. submitted via email correspondence to **TPTSLD-Induction-booking@transnet.net**.
- 6.2. Contractor Compliance SHE File within accordance with File Contractor Compliance File **Approval Checklist TRN-IMS-GRP-TMP-014.2** and in line with relevant applicable specifications as per respective **TRN-IMS-GRP-GDL 014.2 Contractor Specification Guidelines**.
- 6.3. Principle contractor approve **Mandatory Agreement** in terms of **section 37(2) TRN-IMS-GRP-TMP-014.1** of the Occupational Health and Safety Act (OHS Act) and submit to Contractor Manager to agree.
- 6.4. The Principle Contractor must **submit written request** to the Contractor Manager for permission for sub-contract to provide any work or services to TPT and ensure



that all **37.2 Agreement between Principle contractor and Sub Contractor** submitted to Contractor Manager.

- 6.5. Contractor must **submit** completed **SHE File** to Contractor Manager for approval.
- 6.6. Service provider shall implement and maintain applicable Health, Safety, Quality and Environmental regulations and other relevant standards and regulation, example: applicable SANS codes; OHS Act of 1993 , other legislation, ISO 9001, ISO 14001 and ISO 45001, etc.
- 6.7. Service provider to ensure that all employees involved in activity is informed of the Hazards and risk they exposed to and all other relevant applicable Safety Work Procedures, Environmental Plans, Emergency Plans and any other relevant procedures, etc. proof to be submitted as part of the SHE File.
- 6.8. Service Provider will ensure that On the Job HIRAS is completed prior to start of activity to ensure that any additional Risks been identified.
- 6.9. Service provider must ensure that when required to off-load or load any heavy equipment and machinery on the plant that they comply with that equipment or machinery will not be physically operated by an employee when required to off-loaded or load from any flatbed or low bed.
- 6.10. Principle Contractor will be responsible to ensure that Sub Contractor SHE File compiled within conjunction with TPT Requirements and Approved prior to sub mission to Contractor Manager.

## 7. SCOPE OF WORK APPROVAL

<b>Compiled:</b> Name: Adele Groenewald	<b>Reviewed:</b> Name: Marlon Saayman
<b>Approved:</b> Name: Werner Labuschagne	