



**TRANSNET PORT TERMINALS - DURBAN TERMINALS
MAYDON WHARF MPT TERMINALS**

Document Title:

SCOPE OF WORK

Project Title:

**PROVISION OF ONE FOG CANNON SPRAY TRUCK FOR
3 MONTHS**

REVISION 00

SCOPE OF WORK

APPROVALS

	Name	Title	Signature	Date
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Recommended/ Not Recommended by:	Langa Nxumalo	Planning and Execution Manager		30/01/2026
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1. Background

Transnet Port Terminals operates the Durban Maydon Wharf Multi-Purpose Terminal in the Port of Durban on the east coast of KwaZulu-Natal. Combined, the terminals handle millions of tons of cargo annually (import and export) and are key linkages between marine and terrestrial cargo transport.

Commodities handled at Durban Maydon Wharf Multi-Purpose are Mining Minerals, i.e., Metcoke, Anthracite, Chrome Ore, and Ferrochrome. Due to the nature of the materials, the handling and transfer processes generate dust. Cargo is also stored on site in open storage areas, and the land on which the terminals are located is zoned as Port Related Industrial and is surrounded by other (typically harbour-related) industries such as other cargo handling facilities, workshops, and administration/office buildings supporting these industries.

This Scope of Work (SOW) outlines the requirements for the provision, operation, and maintenance of two fog cannon spray trucks to support dust suppression and air quality management activities. The service must be delivered in compliance with the National Environmental Management Act (NEMA, Act 107 of 1998), National Dust Control Regulations (GN R827 of 2013) under the National Environmental Management: Air Quality Act (NEM: AQA, Act 39 of 2004), and other applicable South African environmental and occupational health legislation.

2. Objectives

- To ensure effective suppression of airborne dust in line with South African environmental legislation.
- To mitigate adverse impacts of dust on air quality, workers, surrounding communities, and the environment.
- To support compliance with NEM: AQA Dustfall Standards and site-specific Environmental Management Plans (EMPs).
- To contribute to occupational health and safety by reducing exposure to dust in accordance with the Occupational Health and Safety Act (OHSA, Act 85 of 1993).

3. Scope of Requirements

The Contractor shall provide one fog cannon spray truck that meets the following requirements:

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3.1 Technical Specifications

- Truck-mounted fog cannon systems capable of producing a fine mist with adjustable throw distance (minimum 30–50 metres).
- Onboard water storage tank with a capacity of at least 2,500 litres.
- Adjustable spray patterns to target localized dust sources and cover larger operational areas.
- High-efficiency water pump and misting nozzle, designed for low water consumption.
- Diesel-powered engine compliant with South African emissions standards.

3.2 Operational Requirements

- Deployment of the trucks at designated sites to suppress dust emissions during active operations.
- Routine operation in line with site-specific dust management plans and air quality monitoring results.
- Adjustment of spray intensity, direction, and angle to account for prevailing meteorological conditions (wind speed, wind direction, humidity).
- Safe operation near workers, equipment, and infrastructure.
- Ability to operate on dust-prone surfaces such as haul roads and stockpiles.

3.3 Maintenance & Support

- Downtime per truck must not exceed 5% of monthly operational days.

3.4 Human Resources

- Provide competent and licensed operators with experience in dust suppression equipment to be allocated in line with the 24-hour terminal operation when required.

4. Deliverables

- Provision of one fully operational fog canon-spray truck meeting the technical and operational requirements.
- Provision of operators in line with the Transnet 24-hour operational requirements.

5. Performance Standards

- Trucks must achieve effective dust suppression in accordance with NEM: AQA dust fall limits.
- Downtime per truck not to exceed 5% of operational days per month.
- Operators must always adhere to site safety and environmental protocols.

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6. Duration

- The contract period shall be for 3 months only.

7. Mandatory and legislative requirements:

The Service Provider shall comply with, but not be limited to, the following legislation:

- National Environmental Management Act (NEMA), Act 107 of 1998
- National Environmental Management: Air Quality Act (NEM:AQA), Act 39 of 2004
- National Dust Control Regulations, GN R827 of 2013
- Occupational Health and Safety Act (OHSA), Act 85 of 1993
- Mine Health and Safety Act, Act 29 of 1996 (if applicable)
- Applicable municipal by-laws relating to water use, waste, and air quality.

8. General Safety and Compliance Specification

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

- 8.1 The successful bidder shall submit a comprehensive Contractor Compliance (Safety) File that will have to be aligned with the project at hand. It must be compiled according to the guidelines reflected under Annexure A.
- 8.2 Only upon approval of the contractor file will the employees be allowed to attend the terminal safety induction.
- 8.3 All waste generated shall be disposed of appropriately by the bidder.
- 8.4 All personnel to be kitted with the appropriate personal protective equipment.
- 8.5 Vehicles used while on-site to be fitted with strobe lights and properly branded on the front doors with the bidders' company name.
- 8.6 All personnel who are required to operate equipment must be competent to do such activities.
- 8.7 Any TPT-owned equipment before exiting the terminal should be signed off by a TPT representative.
- 8.8 All discipline irregularities will not be condoned. Offenders will be requested to leave the terminal immediately pending a full investigation.
- 8.9 Mess and ablution facilities provided must always be kept clean.
- 8.10 Notification of arrival will be mandatory.
- 8.11 All Contractors are to always wear all the necessary PPE, (Personal Protective Equipment), and to work safely. Part of this PPE will include a Reflective Vest, safety

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shoes and a hard hat. The vest is equipped with an ID pocket on the front left breast and NO service must be interrupted or isolated without the TPT representative's authority.

- 8.12 On a regular basis the service provider shall attend meetings with the TPT DBN MPT or as and when the need arises; minutes of the meetings shall be kept.
- 8.13 The works shall be designed and planned such as not to have any effect on the environment, e.g., good housekeeping must be maintained etc.

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ANNEXURE A: Safety File Compliance Checklist



CONTRACTOR COMPLIANCE FILE ASSESSMENT CHECKLIST

Date of inspection/ Evaluation:
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Client	Transnet
Employer (Principal contractor)	
Registered name of the enterprise	
Trade name of the Enterprise	
Company Registration No	
SARS registration No(PAYE)	
UIF registration No	
COIDA registration no	
Relevant SETA for EEA purpose	
Industry sector	
Bargaining Council	
Contact person & position	
Contact number	
Site Address	
Postal Address	
Chief Executive Officer	
Chief Executive officer's email and contact number	
Construction Manager	
Health and Safety Representative	
Activities/ Service rendered	
Commencement date	
Completion date	
Site Phone	
Total number of employees on site:	
Female	
Male	
People with disabilities	



CONTRACTOR	Complying	Not Complying (i.e. Comments)	Not Applicable
1. Site Specific Organogram of reporting structure. This document must provide all persons appointed in terms of OHS Act No. 85 of 1993 including contact details. (rev, date, approval)			
2. Contractor scope of work information (Company Profile)			
3. Notification of Construction Work to the Department of Labour: Document to display required information as per OHS Act No.85 of 1993 – Construction Regulations Annexure A, Must carry the stamp of acceptance from the Department of Labour (if applicable)			
4. Application for a permit to do construction work (if applicable)			
5. Valid Letter of Good Standing with FEM/WCA: And proof of relevant insurances to carry out work.			
MANAGEMENT PLANS			
6. Copy of reference documents: Health & Safety, Security, Quality, Environmental, and other applicable Specifications Including a signed register of communication to Managers, Supervisors & Safety Officers			
7. Approved Contractor Execution Plan correlating with Specification provided by Transnet (i.e. Approved health and safety plan, environmental plan, security plan etc.)			
8. Contractors Health and Safety Policy			
9. Site Specific Emergency Plan			
10. Contractors Traffic Management Plan (if applicable)			
11. Procedure for handling Hazardous Chemical Substance's and Applicable Safety Data Sheet (if applicable).			
APPOINTMENTS			
12. Fully completed appointments of the following (depends on the scope of work) but not limited to:			
• Sec. 16(2) – Delegated Authority (Assistant to the CEO)			
• CR 8(1) – Construction Manager			
• CR 8(7) – Construction Supervisor			
• CR 8(8) – Assistant Construction Supervisor			
• CR 8(5) – Construction Safety Officer			
• CR 9(1) – Risk assessment			
• CR 10. (1)(a) – Fall Prevention Planner (if applicable)			
• CR 10.(2)(b) (fall risk) Physical & Psychological fitness			
• CR 23.(d)(k) – Vehicle operator and Inspector			
• GSR 3.4 – First aider			
• CR 29 (h) – Fire Fighter			
• Sec 24, GAR 9(2) – Incident Investigator			
• CR 13(1)(a) – Excavation Supervisor			
• CR 28(a) – Stacking and Storage Supervisor			
• CR 12(1) – Temporary works designer			
• CR 14(1) – Demolition work supervisor			

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• CR 16(1) – Scaffolding work supervisor			
• CR 17 (1) – Suspended platform work supervisor			
• CR 18(1)(a) – Rope access supervisor			
• CR 19(8)(a) – Material host Inspector			
• CR 20(1) – Bulk mixing plant supervisor			
• CR 21(2) – Explosive actuated fastening devices inspector			
• Sec 17(1) – SHE Rep (more than 20 employees)			X
• GSR 13(a) – Ladder Inspector An abbreviated CV of the above appointed persons shall be attached to the appointment. Competency certificates will also be attached as required in specifications			
13. Elevated work training (Rescue/ Safety harnesses) – accredited Training (if applicable)			
14. Fall Protection Plan by competent person / Rescue Plan (if applicable)			
15. Contract/Project Specific Risk Assessment indicating the full scope of work and risk profile – High risk task inventory registers to be attached.			
16. Risk Assessment (HIRA), Method Statement, Safe Work Procedure to be generated for each specific task to be performed on the contract/project i.e. Site establishment, confined spaces, working at heights, working near water, excavations etc. Note: before establishment they can supply what they will start with – site establishment, fencing, clear & grub...so only request what is relevant at the time.			
17. PPE Policy and most recent issue register.			
INDUCTION			
18. Induction application forms completed for every employee of the contractor performing work on site; The following shall be attached:			
• Employee Dossier with applicable documentation;			
• Proof of site specific induction;			
• Copy of ID Document;			
• Legal Letter of Appointment;			
• Proof of competence i.e.: Artisans, drivers, operators etc.;			
• Valid medical certificate of fitness done by an Occupational Health Practitioner (i.e. Annexure 3 for construction work)			
REGISTERS			
19. Copy of equipment registers to be used with copy of each item's inspection checklist. The registers are not limited to the following, depends on the scope of work:			
• Site visitors register			
• Excavation Inspection Register			
• Hand tools Inspection register			
• Barricading Inspection Register			
• Traffic Inspection Register			
• Mobile Toilet Inspection Register			
• Daily Risk Assessment and Toolbox Talk			
• PPE Inspection Register			
• First Aid kit Inspection Register			

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• Fire Fighting Equipment Register			
• Portable electrical Equipment Register			
• Pneumatic Tool Register			
• Compressor Checklist			
• Ladder Inspection Register			
• Vehicle Inspection Register			
• Working at Height Equipment Register			
INCIDENT/ACCIDENT MANAGEMENT			
20. Incident /Accident Management Procedure including reporting, recording and investigation of incidents and accidents			
21. Register of first aid injuries			
22. Register of reportable injuries to the Provincial Director			
OTHERS			
23. Section 37(2) mandatory agreement between client - contractor and contractor - sub contractor. As well as:			
• CR 5.1(k) Principal Contractor appointment			
• CR 7(1)(c)(v) Sub Contractor appointment			
24. Training Matrix (Management, Supervisors and Employees)			
25. Copy of the OHS act and its Regulations , COID Act Regulations			

CONTRACTOR'S COMPLIANCE FILE REVIEW			
Date	Print Full Name	Designation	Signature
Status			
Approved			
Not Approved			
Reasons for not approving			

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