

PORT ELIZABETH CONTAINER TERMINAL.

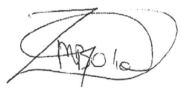
Document Title:

SCOPE OF WORK

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Provision of Industrial spillage cleaning service and drainage system at straddle workshop yard for Transnet Soc Limited (Reg. no. 1990/000900/30) Operating as Transnet Port Terminals (hereinafter referred to as "TPT") at the Port of Port Elizabeth Container Terminal as a once-off service.

DOCUMENT PREPARATION

	Name	Title	Signature	Date
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1. INTRODUCTION.

This scope details the industrial cleaning of floor spillage for Straddle carrier's yard and scrap storing sections at the Port Elizabeth Container Terminal (PECT). The Terminal operates in loading and offloading containers and manganese skip operations via STS cranes, revolvers spreaders, 20/40ft spreaders and straddle carriers. The terminal has eleven straddle carriers, three ship to shop cranes and one mobile harbor crane, the demand for these equipment's is high due to high berth occupancy.

2. OBJECTIVE.

The primary goal is to eliminate liquid and solid hazardous contaminants from the straddle yard and scrap storing floor areas outside the straddle workshop, including pumping out oil to containers from drainage system inside the workshop at PECT, ensuring a safe and healthy environment. This includes removing all traces of contamination, such as oil spills and grease.

3. SCOPE.

3.1. Floor cleaning shall include the following but not limited to:

- 3.1.1. The service will be undertaken by a competent contractor, with the experience in oil spill response, health, safety and environmental procedures and related TPT legal obligations.
- 3.1.2. The awarded service provider should be an accredited company both institutional and competence wise.
- 3.1.3. The awarded service provider is to deal effectively with hazardous waste according to principles of National Waste Minimization Strategy.
- 3.1.4. The awarded service provider is to dispose the waste generated from the oil spillages into a permitted Landfill site and submit certificate of disposal.
- 3.1.5. The awarded service provider should have sound knowledge of environmental legislation.
- 3.1.6. The awarded service provider is to compile a full report that reflects exactly what they did.
- 3.1.7. Transnet Port Terminals requires the services of a professionally trained and duly experienced spillage cleaning service provider ("the Contractor") to perform floor contamination cleaning and de-greasing services (the "Service") involving but not limited to:
 - containing the spill (hazardous liquid and solid)
 - Absorbents like sawdust, clay, or commercial oil-absorbing products can be used to soak up excess oil after the spill is addressed.
 - Sweep up any broken glass, debris, or other materials before applying cleaning solutions.

- Apply degreaser, solution or agent best suitable to clean oily and greasy floor.
 - Use absorbent materials like pads, rolls, or granules to soak up the bulk of the oil under parked straddle carriers.
 - Use a stiff brush or a floor scrubber with the appropriate brush or pad material for the type of flooring.
 - Dispose of used absorbents and cleaning materials according to local regulations.
 - High pressure clean the area thoroughly with water after cleaning to remove any remaining cleaning agents.
- 3.1.8. The safe disposal of material as per the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008).
- 3.1.9. The awarded service provider must use environmentally friendly chemicals and must submit Material Safety Data Sheets.
- 3.1.10. Service provider to work in conjunction with Transnet representative to move scraps and objects to thoroughly clean the area.
- 3.1.11. Use warning cones or barricades while cleaning to prevent anyone from stepping in the spill and spreading it further.

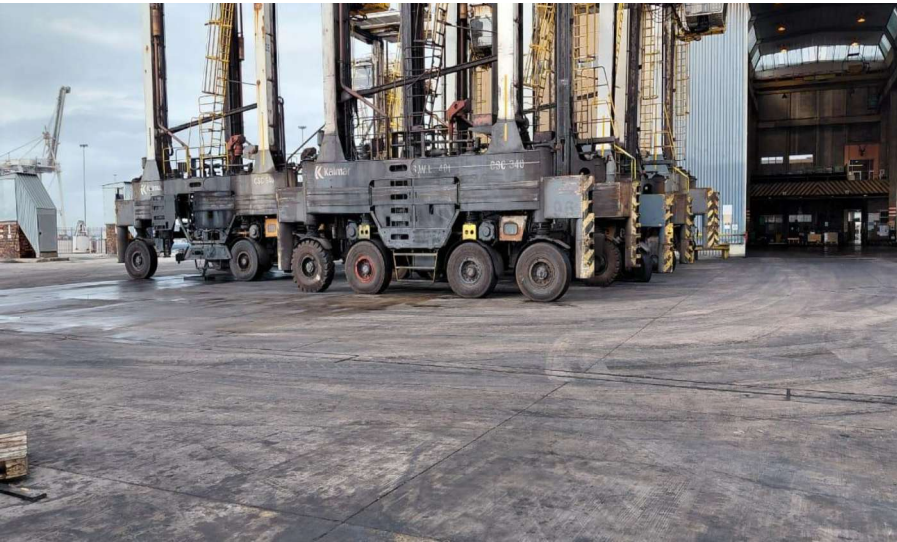
3.2. Straddle carrier yard and workshop drainage cleaning..

- 3.2.1. The awarded service provider required to clean and de-grease floor at straddle graveyard section outside straddle carrier's workshop.
- 3.2.2. The contaminated area to be cleaned is approximately 1500m².
- 3.2.3. Using appropriate absorbent materials to contain and absorb the spilled oil, a TPT representative to assist to locate and eliminate the source of the oil leak from the straddle carriers.
- 3.2.4. Two workshop drainage to clean but not limited to:
- Lift the drain grate and inspect the inside for sediment, sludge, or contaminants.
 - Pump out or manually remove debris, oily residue, or sediments build up.
 - Contain and dispose oily residue collected from drains and dispose in accordance with the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008).
- 3.2.5. Remove sand, solid materials and any other material in between the drain slabs to prevent from blocking drainage system.

3.3. Straddle carrier graveyard pictures.



Picture 1: Straddle graveyard.

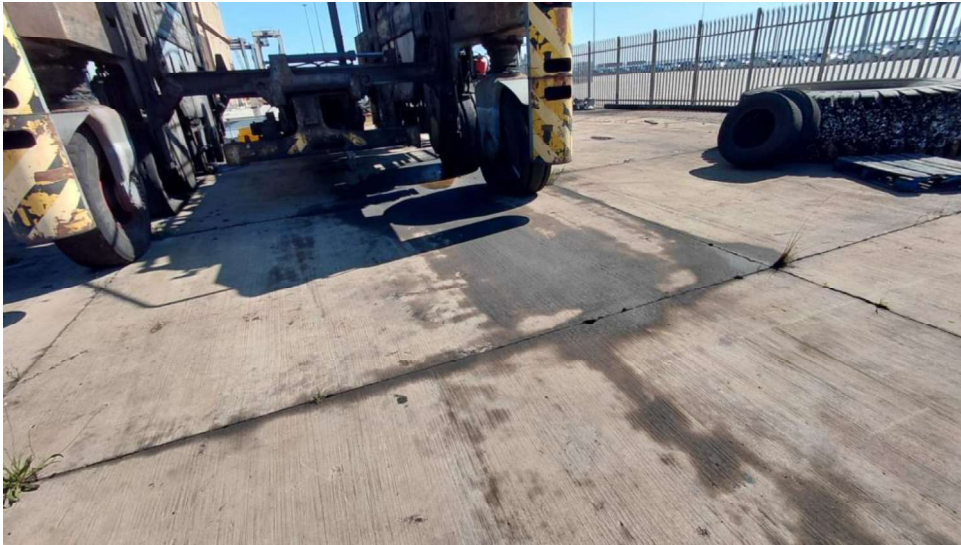


Picture 2: Straddle yard.

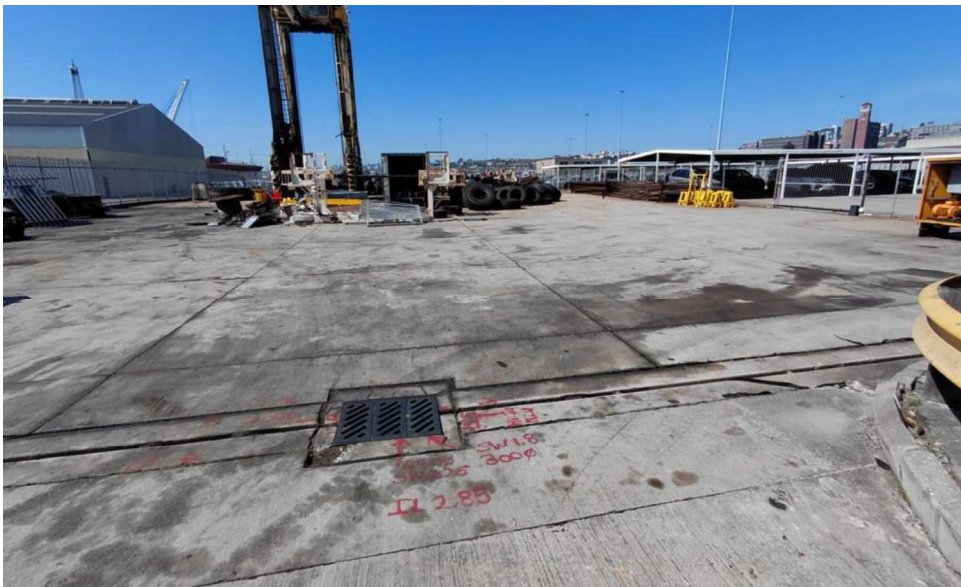
3.4. Scrapyard storage cleaning.

- 3.4.1. Service provider shall prepare the area to be cleaned by placing cones to demarcate the area.
- 3.4.2. The contaminated area to be cleaned is approximately 900-1000m².
- 3.4.3. Contain oil spillage from leaking scrapped straddle carrier.
- 3.4.4. Transnet representative to identify and isolate the source of oil leak, also to assist to move engine and other parts accordingly to thoroughly clean oil spillage.
- 3.4.5. Service provider to follow steps as stipulated in 3.1.7 on the scope of work.
- 3.4.6. Ensure drainage systems around the area are clean and free from solid materials and oil.
- 3.4.7. Transnet Port Terminal representative to ensure work is done properly before service provider leave site.

3.5. Straddle carrier graveyard pictures.



Picture 3: Stored leaking straddle.



Picture 4: Scrap storage area.

4. RETURNABLE DOCUMENTS.

- 4.1. Service Provider to provide proof of registration with the National Contract Cleaners Association (NCCA) or any other related cleaning associations.
- 4.2. Service Provider shall submit three signed letters of recommendation relating to similar work done (environmental spillages) from previous or current clients.
- 4.3. Service provider to submit the list of Material Safety Data Sheet (MSDS) of detergents or chemicals to be used.
- 4.4. The service provider to submit the CV of the person who possess the skill and knowledge of handling chemicals or relevant cleaning skills with a minimum of two years' relevant experience in environmental spillage.

5. CONTRACTOR RESPONSIBILITY.

- 5.1. The contractor shall assume total responsibility for coordination of the cleaning process and shall ensure the operability and quality of all work conducted according to TPT policy and standards.
- 5.2. The contractor shall be responsible for but not limited to the provision of a safe working environment during its service at PE Terminals.
- 5.3. Provide material, tools and consumables necessary required for the cleaning of contamination or spill (hazardous liquid and solid).
- 5.4. The awarded service provider must have adequate hazmat resources e.g. but not limited to equipment, PPE, signage.
- 5.5. The awarded service provider must be an Approved Transport of Dangerous Goods, especially hazardous.
- 5.6. The awarded service provider must dispose waste in a Permitted Landfill Site.

6. TPT REQUIREMENTS.

- 6.1. The Contractor shall ensure that:
 - 6.1.1. the chemicals used in the cleanup process are bio-degradable and that it will ensure that the chemicals will not contaminate storm water and /or cause any damage or harm to the environment.
 - 6.1.2. it will not leave the affected area until the floor has been completely cleaned-up to the satisfaction of the environmental authorities and/or TPT Representative.
 - 6.1.3. it will render in addition to the basic requirements set out above inclusive, such assistance as may be required by TPT and to cooperate in any cleanup operation.

7. OBLIGATIONS OF THE CONTRACTOR.

7.1. Contractor Profile

- 7.1.1. Contractor shall provide complete profile displaying organisation's capabilities that demonstrate that they have carried out work of a similar nature.
- 7.1.2. The awarded contractor must be registered with the following professional bodies:
 - Institute of Waste management of Southern Africa.
 - Institute of Safety Management.
 - The awarded contractor must be ISO 14001:2014 Certified.
- 7.1.3. The awarded contractor must be an Approved Transporter of Dangerous Goods as stipulated in Dangerous Goods Act (Act No. 10189 of 1985).
- 7.1.4. Where necessary a certificate of disposal that reflects volume and disposal site to be submitted to SHERQ department.
- 7.1.5. Waste manifest with Landfill stamp to be submitted for all hazardous waste.
- 7.1.6. The service provider to submit proof of a valid vehicle license register to transport hazardous materials.

7.2. SHE files.

- 7.2.1. The contractor is required to provide a copy of a Safety, Health and Environmental File with the following contents:
 - SHE Policy Statement.
 - Risk Assessments.
 - Method Statements.
 - Relevant Legal Appointments.
 - Letter of Good standing from Compensation Commissioner.
 - Safety Plan.
 - Environmental Plan.
 - Medical Certificates for employees engaged on this contract.
 - Training Records / Certificates of Competency.
 - Public Liability Insurance Cover.
 - Driver's Licence with Dangerous Goods (PDP DG).
 - List and Copies of Material Safety Data Sheets of product proposed to be used in this contract.
 - Proof that vehicles to be used are certified to transport dangerous goods from Department of Transport.

8. SECURITY REQUIREMENTS.

The service provider will need to comply with the following security requirements once the SHEQ file has been approved:

- Copy of Identification Document (SAPS Certified)
- Duration of permit required
- Name list of persons and list of vehicles
- Copy of Safety Induction Register
- Copy of Medical fitness certificates
- Driver's licences for all vehicles drivers (SAPS Certified)
- Valid roadworthy certificate for all vehicles / copy of latest license renewal
- Hired vehicle – Proof of Lease agreement.

9. TRANSPORTATION AND DISPOSAL OF MATERIALS.

9.1. The Contractor shall ensure:

- 9.1.1. That the disposal of spilled material at the registered Landfill Site complies with all Department of Water Affairs and Forestry, and Department of Environmental Affairs requirements, and any other national, provincial and local legislation and /or other applicable legislation.
- 9.1.2. That the disposal of the spilled material at the registered Landfill Site is always supervised by and be subject to the direction and approval of the duly authorised person, landfill manager or employee in charge of the registered Landfill Site.
- 9.1.3. That it obtains a duly signed manifest for load of spilled material disposed at the registered Landfill Site and submits each duly signed manifest to TPT.
- 9.1.4. That all costs incurred from the Collection and Loading Point until the waste material is disposed at a registered Landfill Site are for its own account. The Contractor acknowledges that it shall be liable for such costs and indemnifies TPT in respect of such costs.
- 9.1.5. The Contractor shall furnish to SHEQ/R Manager, prior to the commencement and performance of the Service, the following:
 - All relevant Hazardous Waste transportation, handling, permits and certificates as required by the DWA, DEAT, Provincial and/or National regulatory authorities.
 - Proof of Landfill Site registration with DWA or DEAT and provide evidence to indicate that the Landfill Site is authorised to dispose of the types of Waste material detailed and loading rates of the Landfill Site(s); and
 - The permit(s) and/or license required to dispose of Waste in the registered Landfill Site.