

ANNEXURE A

SCOPE OF WORK

APPOINTMENT OF A PANEL OF SERVICE PROVIDERS FOR THE CLEANING OF STORAGE TANKS AT THE SANPC REFINERY OVER A PERIOD OF 36 MONTHS.

1 INTRODUCTION

The South African National Petroleum Company (SANPC) refinery is a state-owned refinery recently acquired by the Central Energy Fund SOC Ltd (CEF SOC), a government-owned entity mandated to ensure the security of South Africa's energy supply, and to drive energy infrastructure development.

Through this acquisition, SANPC refinery has become an important part of CEF SOC's strategic portfolio, which will play a critical role in safeguarding national fuel supply, reducing dependence on imports, and strengthening South Africa's refining capacity.

At SANPC refinery, there are associated tank farm facilities that are aimed at storing a range of petroleum and chemical products. These facilities require cleaning, maintenance and refurbishment in order to ensure operational readiness and uninterrupted supply to key sectors of the economy, compliance with statutory inspection cycles, and alignment with CEF's broader mandate of energy security and sustainability.

Given the operational complexity, variety of tank types, and the hazardous nature of stored products, tank cleaning at SANPC is a critical maintenance activity that must be executed to the highest standards of safety, quality, and environmental compliance.

Given the variety of tank types, stored products, and operational requirements, SANPC intends to appoint a panel of suitably qualified and experienced tank cleaning service providers to execute cleaning services as and when required.

2 PURPOSE

The purpose of this appointment is to secure multiple service providers with proven expertise, resources, and safety compliance to execute tank cleaning projects efficiently, safely, and in accordance with refinery operational requirements.

The appointed panel will:

- Provide rapid mobilisation capacity for planned and unplanned tank outages.
- Execute cleaning using methods appropriate to tank design, stored product, and contamination profile.
- Maintain compliance with all relevant health, safety, environmental, and quality requirements. operations.

3 BACKGROUND

SANPC's tank farm consists of fixed roof tanks, floating roof tanks, and specialised process vessels. Products stored range from crude oil, residual fuel oils, and distillates to chemical feedstocks. Cleaning operations may be required for:

- Reinstating plant operations through blending initiatives
- Statutory inspections and Risk-Based Inspection (RBI) cycles.
- Mechanical failures, unplanned outages, or contamination incidents.
- Product changeovers requiring decontamination.

Each cleaning assignment may involve preparatory work, internal and external inspections, residue and sludge removal, decontamination, and waste disposal in accordance with legal and environmental requirements.

4 SCOPE OF SERVICES (SOS) / TERMS OF REFERENCES (TORs)

The appointed service providers will be required to deliver the following:

4.1. Project Preparation & Mobilisation

- Conduct site assessments and pre-cleaning inspections.
- Review tank operational history and residue profile.
- Develop and submit a **Safety File, Baseline Risk Assessment, Job Hazard Analysis, Method Statement** and **Ensure Compliance to OHS Act and Construction regulations** prior to commencement.
- Obtain all necessary permits to work, including confined space entry and hot work permits where required.
- Mobilise all labour, equipment, and materials required for the cleaning operation.
- Ensure to compliance to Personal Protect Equipment (PPE).
- Comprehensive level 3 Schedule, MS projects, MS Excel, Primavera etc.

4.2. Tank Cleaning Execution

- Select and implement the most suitable cleaning method (open/manual or closed/automated) based on tank type, residue type, and operational constraints.
- Remove liquid residues, sludge, and solids using approved methods (manual removal, vacuum extraction, pumping, high-pressure water jetting, hydrodozers, etc.).
- Minimise personnel entry where possible through the use of non-entry technologies.
- Conduct internal cleaning to the specified cleanliness standard (e.g., inspection-ready, product duty change, hot work standard).
- Clean and inspect internal fittings such as floating roof legs, roof drains, heating coils, and internal piping.
- Ensure continuous atmospheric monitoring during entry.
- Ensure ventilation inline with Confine Space Entry (CSE).

4.3. Waste Handling & Environmental Compliance

- Characterise waste streams and manage in accordance with legal requirements.
- Segregate and store waste appropriately before transport.
- Dispose of waste at approved licensed facilities, maintaining full disposal records.
- Prevent spillages and contamination of surrounding areas.

4.4. Safety & Risk Management

- Ensure compliance with refinery HSE policies and statutory requirements.
- Maintain emergency response readiness, including confined space rescue teams.
- Conduct daily toolbox talks and hazard reviews during cleaning operations.

4.5. Post-Cleaning & Close-Out

- Conduct final inspection with SANPC representatives.
- Submit photographic and written records of cleaning activities.
- Provide final waste disposal certificates.

- Submit a close-out report including lessons learned and recommendations for future outages.

5 WORK PACKAGES / DELIVERABLES

Category	Deliverables
Preparation & Mobilisation	Safety file, baseline risk assessment, job hazard analysis, method statement, permits to work.
Execution	Cleaning plan, cleaning method implementation, internal and external cleaning completion reports.
Waste Management	Waste classification reports, disposal records, waste manifests, certificates of safe disposal.
Safety Management	Daily toolbox talk records, confined space entry permits, gas test results.
Close-Out	Final inspection sign-off, photographic evidence, close-out report, recommendations.