



**PetroSA**

The Petroleum  
Oil and Gas Corporation  
of South Africa (Pty) Ltd  
Reg. No. 1970/008130/07  
151 Frans Conradie Road,  
Barrow, 7500

**Note:** All tenders and quotations are done via our eProcurement system.

The information given below is an extract of the scope of work. **To access/open the full set of tender documentation, you must be registered on CSD.**

**If you have a MAAA** CSD registration number and receiving email notifications from PetroSA Procurement you are already registered, please login as indicated below:

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User Code: MAAA...  
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<http://www.procurement.petrosa.com/Downloads/Documents/SupplierSelfRegistration.pdf>

## SCOPE OF WORK

**ENQUIRY NUMBER: AHT24866**

**DESCRIPTION: REMOVAL AND REUSE OF PETROLEUM SLUDGE FROM TANK 75TK109 AT THE PetroSA FACILITY IN MOSSEL BAY**

### 1. INTRODUCTION

Tank 75TK019D in Voorbaai needs to be emptied. The tank bottoms consist of a thick waxy heavy hydrocarbon sludge mixture that is difficult to remove during the colder winter temperatures. The vacuum truck was halted at a sludge level of 150–200mm. The volume of sludge is approximately 500m<sup>3</sup>. The mixture is not homogeneously spread as some areas flow slowly and some areas consists of congealed clumps of wax. The Analyses Information Sheet attached herewith, describes the physical properties of the sludge.

PetroSA wishes to appoint a competent service provider that can remove and recycle/reuse the sludge, in accordance with all relevant Waste Management, and Environmental legislation and protocols.

### 2. SCOPE OF WORK REQUIREMENTS

#### 2.1. Services

The service required is for the removal, transport and disposal or recycling of sludge in 75TK109 in Voorbaai. The dimensions of the tank are as follows:

- a. Diameter tank - 35000 mm
- b. Height of the tank – 20000 mm

The height of the sludge from the bottom of the tank is 440 mm. The volume of the sludge is estimated at 423.32 cubic meters (m<sup>3</sup>).

The detailed scope of work is as follows:

- a. Removal and collection of the sludge
- b. Transporting of the waste sludge to a waste treatment area.
- c. Cleaning & Housekeeping of the area of work after completion of the collection of all the sludge

It is expected from the Supplier to provide the Service expertise, advanced techniques, reliable equipment, manpower, and experienced project management, including preparation and execution of work in accordance with and within time frames defined and agreed by PetroSA.

### **2.1.1. Prerequisites**

All work shall be performed in accordance with the approved PetroSA procedures, standards, and specifications and it will be the responsibility of the Supplier to fully acquaint its employees with the content thereof.

The Supplier shall be responsible to obtain the necessary permits to work prior to the commencement of the services specified on the Works Order.

The successful bidder will have to mobilize adequate and competent manpower, equipment like pneumatic pumps and vacuum trucks/gully sucker, flexible hoses and other relevant tools and tackles, chemical processes and / or new proven technologies along with personnel protective equipment in the execution of the removal and disposal of the sludge.

The successful bidder shall be responsible for ensuring that the workforce of any approved sub-supplier(s) is competent and fully equipped to perform the services safely.

The successful bidder shall supply competent and fully equipped personnel to perform the collection, transportation, treatment, and recycling of the sludge.

A Method statement and risk assessment must be submitted with the bid. The method statement shall cover, the removal, transportation and recycling of the sludge.

The following must be adhered to;

1. Section 24 and 25 of the Waste Act,

2. You must be a registered as waste contractor / transporter
3. The Road Traffic Act and regulations for transportation of waste
4. Valid permit for reuse/recycling
5. If selling to a third party, the third party needs a valid permits / licenses

The successful bidder shall include in his offer a detailed revenue sharing proposal based upon the business generated from the sludge and outlining all cost elements

#### Transportation Requirements

All vehicles need to be certified to carry Dangerous Goods by DOT approved provider

All drivers of these vehicles must have a PrDP (D) which must be renewed every 2 years. [D classification]

All drivers must undergo annual Dangerous Goods training by an approved DOT training provider. Provide evidence

#### **2.1.2. Materials**

The supplier shall supply all materials and consumables required for the performance of the services as required.

Any materials supplied by PetroSA on a free issue basis shall remain the property of PetroSA and any surplus material shall be returned to PetroSA upon completion of the services.

The Supplier is responsible for transportation of material on and off-site

The Supplier shall also be responsible for any loss of material due to negligence, misconduct or bad workmanship.

The Supplier shall maintain a material register of all the chemicals and materials on site.

PetroSA reserves the right to supply the materials required.

No payment will be made for incorrect, inferior or rejected materials

#### **2.1.3. Working Hours**

All work shall be performed during normal hours unless specifically instructed to the contrary by PetroSA.

- Monday to Friday: 08:00 to 16:30 - with a half-hour lunch break
- Saturday & Sunday: Normal day off – if required will be considered as Overtime

#### **2.1.4. Safety Equipment And Apparel**

The Supplier shall ensure that all its personnel engaged in the performance of the Services are provided as a minimum with the following safety equipment/apparel in good condition:

- Safety shoes/boots
- Overall with long sleeves
- Hard hat
- Rain suit
- Safety gloves
- Hearing protection
- Safety glasses
- Safety harness

The Supplier shall supply any additional safety equipment/apparel required for the safe execution of the Services.

All safety equipment/apparel shall bear the SABBS mark and be approved by the PetroSA Safety Department.

#### **2.1.5. General**

Any activity, work or condition not covered in the scope of work shall be negotiated and agreed on in advance with PetroSA.

Proper clean-up and housekeeping after the completion of a specific job shall be seen as part of the complete job and payment may be withheld if not adhered to.

Any damage to PetroSA equipment due to negligence or poor workmanship will be for the account of the Supplier.

### **3. CHANGES TO THE SCOPE OF SERVICES**

The scope of the Services shall be subject to changes by additions, deletions, or revisions thereto by PetroSA. The Consultant shall be advised of any such changes by written notification from PetroSA describing the change. The Consultant shall promptly perform and strictly comply with each such change when so instructed by PetroSA. Any extra services resulting from such changes will be charged at the Consultant's normal or agreed rates.

### **4. ENQUIRIES**

Any enquiries regarding this tender should be addressed to **Zonazihle Sityata** in the Tender Office at telephone no. **044 601 2311**, or e-mail address **zonazihle.sityata@petrosa.co.za**.