

# **SCOPE OF WORK FOR SELLING OF BUOYED-OFF ANCHORS AND CHAINS IN MOSSEL BAY`**

## **1. BACKGROUND**

PetroSA recently sold their FPSO that was anchored in Mossel Bay area. The 9 off Anchor Chains were not retrieved at the departure of the ORCA FPSO and the anchor chains were subsequently cut and attached to Marker buoys for manual retrieval at a later stage. Permission, with a grace period of 12 months, for a delayed recovery of anchor spread was obtained from Department of Forestry and Fisheries (DFFE) and South African Maritime Safety Authority (SAMSA).

## **2. OVERVIEW OF SCOPE**

Tenderers are hereby invited to submit a proposal for purchase and removal, at their own cost, 9 off 12T Stevpris anchors complete with 76mm stud link anchor chains (~ 120 kg/m) in-situ on seabed, from PetroSA. The buyer will be responsible for the safe removal and recovery of all the equipment as specified in Scope of Supply, on or before 31 December 2022, in compliance to DFFE and SAMSA guidelines and conditions.

## **3. SCOPE OF SUPPLY**

The anchor spread is deployed with the following estimated Chain lengths:

1. 9 x 12 T Stevpris Anchors
2. Estimated Length of 76mm Stud Link Chain
  - a. Anchor Chain 1: = 730 meters
  - b. Anchor Chain 2: = 650 meters
  - c. Anchor Chain 3: = 700 meters
  - d. Anchor Chain 4: = 680 meters
  - e. Anchor Chain 5: = 710 meters
  - f. Anchor Chain 6: = 680 meters
  - g. Anchor Chain 7: = 755 meters
  - h. Anchor Chain 8: = 735 meters
  - i. Anchor Chain 9: = 736 meters
3. 9 x 40 mm diameter x 50-meter length Pendant cables shackled to cut end of anchor chain
4. 9 x Marker Buoys
5. 9 x 45m long 26mm polysteel ropes (attachment between marker Buoy and cut end of anchor chain)

## **4. COORDINATES OF MARKER BUOYS**

- a. Anchor chain no: 1, Buoy location accurate to 4 meters 34°06'45.8"S 22°13'31.3"E
- b. Anchor chain no: 2, Buoy location accurate to 4 meters 34°06'45.9"S 22°13'31.2"E

- c. Anchor chain no: 3, Buoy location accurate to 4 meters 34°06'45.8"S 22°13'31.0"E
- d. Anchor chain no: 4, Buoy location accurate to 4 meters 34°06'43.6"S 22°13'26.6"E
- e. Anchor chain no: 5, Buoy location accurate to 4 meters 34°06'43.2"S 22°13'26.6"E
- f. Anchor chain no: 6, Buoy location accurate to 4 meters 34°06'37.1"S 22°13'24.5"E
- g. Anchor chain no: 7, Buoy location accurate to 4 meters 34°06'41.3"S 22°13'31.4"E
- h. Anchor chain no: 8, Buoy location accurate to 4 meters 34°06'41.3"S 22°13'31.8"E
- i. Anchor chain no: 9, Buoy location accurate to 4 meters 34°06'41.2"S 22°13'31.8"E

**NOTE:** The anchors are lying on the seabed and chains are buoyed at a water depth of 40 meters

## 5. TERMS & CONDITIONS OF REMOVAL AS SPECIFIED BY DFFE

- SAMSA & TNPA needs to be notified of the intention as well as the method of removal, before any removal/salvage process can be initiated. All required permits and documentation as required by SAMSA must be completed and submitted by the salvage operator in advance of the salvage operation.
- Salvage operation to be executed in a safe and environmental friendly manner, minimising the disturbance of the seabed and its inhabitants.
- Divers to inspect and if necessary liberate Stevpris anchors before recovery.
- Minimise dragging of chains as far as possible to minimise seabed disturbances



*Figure 1: Indicative size of Anchor with Chain on vessel Deck*

## 6. EVALUATION CRITERIA

	Y/N
Purchase Cost of Anchors and Chains	
Method statement of recovery/salvage operation provided	
Plan or Schedule provided	