

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:

Username: MAAA...
User Code: MAAA...
Password: newuser

Contact the call center on **012 663 8815** or email: **support@intenda.net** if you are having problems with your login.

If **you do not have a MAAA** CSD registration number, please click on “**Not Registered Yet**” and register. Click on the link below to download a “how to” guide to assist you.

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

ENQUIRY NO: AHT27023

DESCRIPTION: PROVISION FOR A FA PLATFORM INTEGRITY MONITORING SETTLEMENT SURVEY FOR PetroSA

SCOPE OF WORK

1. INTRODUCTION

PetroSA owns and operates the FA Platform, a gas and condensate separation facility located approximately 80 km offshore of Mossel Bay, South Africa. A settlement survey is required to monitor platform movement since installation, including levelling, air gap, and elevation measurements. The survey will be compared against historical survey data to assess structural stability and support the continued integrity and safe operation of the platform.

2. SCOPE OF SERVICES

The successful Supplier shall provide, but not be limited to, the following services in relation to the Settlement Survey of the FA Platform:

- Measure platform levelling and air gap.
- Determine the FA Platform height above Lowest Astronomical Tide (LAT).
- Measure the level differences between the helideck and previously established platform benchmarks.
- Compare the survey results with those obtained during the 2005, 2007, 2009, 2011, 2013, 2015, 2017, 2019, and 2023 surveys. **(Survey reports will be made available to the successful Supplier)**
- Utilise historical survey data and position information, which will be made available to the successful Supplier.

- Perform levelling measurements between the previously established benchmarks located on the Production Deck and Cellar Deck of the platform.
- Verify and utilise the existing GPS control points and survey benchmarks identified on the FA Platform. Refer to Appendix A for benchmark details and locations.
- Process all survey data and prepare a comprehensive survey report.
- Submit three (3) hard copies and one (1) electronic copy of the final report.
- Ensure that all survey calculations and the final report are reviewed and signed off by a registered Professional Land Surveyor.

This scope is intended to support PetroSA's ongoing platform integrity monitoring programme by assessing settlement trends, structural movement, and air-gap conditions of the FA Platform.

3. PERSONNEL AND MEDICAL REQUIREMENTS

The Supplier shall provide the following suitably qualified and experienced personnel for the execution of the Settlement Survey:

- One (1) Professional Surveyor / Party Chief who is registered as a Professional Land Surveyor and responsible for the overall management, execution, and sign-off of the survey.
- One (1) Surveyor with relevant offshore survey experience to support the survey operations.

All personnel deployed to the FA Platform shall meet PetroSA's offshore personnel requirements, including the following:

a) Offshore Survival Training

All personnel shall hold a valid Offshore Survival Certificate. If a valid certificate is not available, the individual must complete and sign a PetroSA Offshore Survival Certificate Concession Form before mobilisation.

b) Offshore Medical Requirements

All personnel shall possess a valid Offshore Medical Certificate and be declared fit for offshore work by an Occupational Medical Practitioner (OMP). The offshore medical assessment shall, as a minimum, include:

- Audiometry test (hearing assessment).
- Spirometry test (lung function assessment).
- Five-panel drug screening test.
- Physical examination conducted by an Occupational Medical Practitioner (OMP).

- Stress ECG for personnel aged 55 years and above, or those on chronic medication.
- Resting ECG for personnel below 55 years of age.
- Fitness Certificate signed by the Occupational Medical Practitioner confirming fitness for offshore duties.

The Supplier shall ensure that all personnel maintain valid certifications, medical clearances, and statutory requirements for the duration of the contract.

4. PROJECT EXECUTION PLAN/ METHODOLOGY

The Settlement Survey shall be undertaken over a period of **seven (7) days offshore**, based on **12-hour daylight shifts**. It shall be executed in a safe, efficient, and systematic manner to achieve the survey objectives.

The Supplier shall submit a detailed **Project Execution Plan and Survey Methodology** as part of its proposal. The submission shall, as a minimum, address the following:

- Mobilisation and demobilisation arrangements for personnel and equipment.
- Survey equipment to be utilised and associated technical specifications.
- Proposed survey methodology for determining platform settlement, levelling, air gap, and platform height above Lowest Astronomical Tide (LAT).
- Establishment and verification of GPS control points and existing survey benchmarks.
- Procedures for data acquisition, quality control, validation, and processing.
- Daily reporting requirements and communication protocols with PetroSA representatives.
- Health, Safety, Environment, and Quality (HSEQ) procedures applicable to offshore operations.
- Deliverables, reporting formats, and project schedule, including submission of the draft and final survey reports.

The methodology shall demonstrate how the Supplier will achieve the required survey accuracy and ensure that the survey results are comparable with historical surveys conducted on the FA Platform.

5. EQUIPMENT AND TOOLS

The Supplier shall provide all equipment, tools, instruments, software, and ancillary items required for the safe and effective execution of the Settlement Survey services.

The Supplier shall ensure that all equipment is fit for purpose, properly maintained, calibrated where applicable, and inspected for defects before use. The Supplier shall be solely responsible for the condition, operation, and maintenance of all equipment deployed during the performance of the Services.

All materials, plant, equipment, and tools brought onto PetroSA premises shall be clearly identified and suitably marked for ownership and tracking purposes. The Supplier shall be responsible for the safekeeping of its equipment and shall bear the risk of loss, theft, or damage thereto.

The Supplier shall ensure that all equipment and materials are securely stored when not in use. PetroSA reserves the right to request calibration records, inspection certificates, maintenance records, or any other relevant documentation for equipment and tools intended for use during the execution of the Services.

6. TRANSPORT

The Supplier shall provide all necessary transportation for its personnel, equipment, and materials to and from the designated PetroSA mobilisation point at the George Heliport. The Supplier shall be responsible for all associated transportation arrangements and costs up to the point of offshore mobilisation.

7. SAFETY EQUIPMENT/APPAREL

The Supplier shall ensure that all personnel engaged in the performance of the Services are provided with, and correctly utilise, the appropriate personal protective equipment (PPE) in good condition and suitable for offshore operations.

As a minimum, the following PPE shall be provided:

- Safety shoes or safety boots.
- Flame-retardant offshore overalls with long sleeves.
- Safety hard hat.
- Safety gloves.
- Hearing protection.
- Safety glasses.

The Supplier shall provide any additional PPE and safety equipment required to safely perform the Services and comply with PetroSA's Health, Safety, Environment and Quality (HSEQ) requirements.

8. PERMIT TO WORK

The Supplier shall comply with PetroSA's Permit to Work (PTW) system and all associated safety procedures applicable to offshore operations.

No work shall commence unless a valid Permit to Work has been issued, authorised, and communicated to all affected personnel. The Supplier shall ensure that all activities are conducted strictly in accordance with the conditions of the approved permit.

The Supplier shall further ensure that all personnel understand and comply with the requirements of the Permit to Work system, applicable risk assessments, toolbox talks, and any site-specific safety instructions issued by PetroSA. No work shall be undertaken on site without a duly authorised work permit.

9. ENQUIRIES

Any enquiries relating to this tender shall be directed to:

Hennie Fortuin

Tender Office

Tel: +27 21 929 3211

Email: martinhennie.fortuin@petrosa.co.za

No enquiries shall be directed to any other PetroSA employee. All communication regarding this tender must be submitted through the above contact details.