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ENQUIRY NO: CTT26772

DESCRIPTION: PROVISION OF CONSULTANCY SERVICES TO UNDERTAKE A FEASIBILITY STUDY FOR THE PROPOSED DEVELOPMENT OF THE E-BK, E-AD AND E-S OFFSHORE GAS FIELDS IN LICENCE BLOCK 9, SOUTH COAST, SOUTH AFRICA

1. INTRODUCTION

PetroSA invites suitably qualified and experienced engineering and consulting firms to submit tenders for the execution of a Feasibility Study for the proposed development of the E-BK, E-AD and E-S gas-condensate fields located within Offshore Licence Block 9, approximately 85 km offshore of the South African south coast. The proposed development forms part of PetroSA's strategy to augment gas production and maximise the utilisation of existing offshore and onshore infrastructure, including the F-A Platform and the Mossel Bay Gas-to-Liquids (GTL) Refinery.

The study will evaluate the technical and commercial viability of developing three offshore fields and integrating them with PetroSA's existing subsea production network through a safe, efficient, and cost-effective development solution.

2. SUMMARY SCOPE OF WORK

The successful Consultant shall undertake a comprehensive multidisciplinary feasibility study covering, but not limited to, the following:

- Drilling and completion feasibility design for three proposed offshore production wells.

- Flow assurance studies, including pipeline and tubing sizing, hydrate, wax, scale and corrosion assessments.
- Evaluation and design of subsea production systems, flowlines, pipelines, manifolds, subsea trees and control systems.
- Assessment of impacts on existing subsea infrastructure, the F-A Platform, and associated processing facilities.
- Process engineering studies, production simulations and facility integration assessments.
- Development of project execution strategies, schedules and cost estimates for FEED and execution phases.
- Preparation of technical specifications, Basis of Design, tender documentation and scope of work for the subsequent FEED phase.
- Risk assessments, HAZID/HAZOP studies, operability assessments and SHEQ philosophy development.
- Development of Class 2 FEED cost estimates and Class 3 Total Installed Cost estimates, including project scheduling and contingency analysis.

3. TECHNICAL REQUIREMENTS

Tenderers shall demonstrate proven capability and experience in offshore oil and gas developments and must, at a minimum, possess:

- Demonstrable experience in offshore feasibility, concept selection, FEED and field development studies.
- Proven expertise in offshore drilling, subsea engineering, flow assurance, process engineering and topsides integration.
- Experience with long-distance subsea tie-back developments and brownfield facility modifications.
- Access to suitable specialist software and modelling tools required for process simulation, flow assurance and engineering analyses.
- A multidisciplinary project team comprising suitably qualified and experienced engineering professionals.
- A proven track record of completed offshore projects of similar nature and complexity within the last ten years.
- An established Quality Management System and project execution methodology for engineering studies.
- The ability to complete the assignment within the required twelve (12) week period from award.

4. EXPECTED DELIVERABLES

The Consultant will be required to deliver a comprehensive feasibility study report, engineering analyses, Basis of Design, cost estimates, project schedules, risk assessments, technical specifications, and tender documentation necessary to enable PetroSA to proceed with the FEED and subsequent project execution phases.

5. ENQUIRIES

Any enquiries regarding this tender should be addressed to **Hennie Fortuin** in the Tender Office at the telephone no. **+27 (0)21 929-3211** or e-mail at martinhennie.fortuin@petrosa.co.za

6. SCOPE CLARIFICATION MEETING

PetroSA has scheduled a **Virtual TEAMS** scope clarification meeting at **11h00CAT** on **26 August 2026**. Should the Tenderer wish to attend, it must inform the PetroSA representative by 15h00 on 25 August 2026 and submit names via email.