



PetroSA

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TENDER BULLETIN 2

ENQUIRY NO: CTT26772

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

A. COMMERCIAL, CONTRACTUAL & PAYMENT TERMS QUESTIONS

QUESTION 1

Discipline: Commercial / Contractual

Please provide the full Attachment B (CTR — Cost, Time and Resource Format) referenced in Tender Bulletin #1. The Tenderer requires this document to structure the commercial proposal correctly. Specifically, please clarify: (a) What is the required format for the commercial offer — lump sum, time-and-materials (T&M), or a hybrid arrangement? (b) If T&M, what rate categories are required (e.g., Principal Engineer, Senior Engineer, Engineer, Designer, Project Manager, HSE Specialist)? (c) Are expenses (travel, accommodation, subsistence, software licences, third-party data costs) to be included in the lump sum or reimbursed separately at cost?

PetroSA Response:

Attachment B (CTR – Cost, Time and Resource Format) is issued for completion by Tenderers.

- a) The Contract will be administered on a **reimbursable basis**, subject to an agreed **target price** derived from the approved CTRs.
- b) Tenderers shall provide resource rates, estimated hours, and associated costs for all personnel proposed for the assignment.
- c) All costs, including travel, accommodation, subsistence, software licences, and third-party services, must be reflected in the CTR submission.

Payment will be made only for work satisfactorily performed, supported by the required documentation, and accepted by PetroSA in accordance with the Contract.

Directors:

Interim Chairman: Mr Tembinkosi Bonakele;
Ms Brenda Moagi; Mr Llewellyn Delpoit; Ms Ditsietsi Morabe
Group Chief Executive Officer (acting): Ms Nombulelo Tyandela
Group Chief Financial Officer (acting): Mr Linda Nene
Group Company Secretary: Ms Marlene Khumalo

QUESTION 2

Discipline: Commercial / Contractual

Please confirm the payment terms and milestone payment schedule that will apply to this contract. Specifically: (a) What is the payment currency — South African Rand (ZAR), US Dollar (USD), or a split currency arrangement? (b) Will payments be made against defined project milestones (e.g., Inception Report, Interim Report, Draft Final Report, Final Report), or on a monthly progress basis? (c) What is the payment period after submission of a valid invoice — 30 days, 45 days, or other? (d) Will an advance payment or mobilisation fee be provided upon contract award?

PetroSA Response:

- a) The contract currency will be the currency in which the successful Tenderer submits its commercial proposal. Accordingly, bids submitted in **ZAR** will be awarded in ZAR, while bids submitted in **USD** will be awarded in USD.
- b) Payments will be linked to the achievement and acceptance of agreed project milestones, which will be finalised during contract negotiations. Tenderers may propose a milestone payment schedule aligned to their execution methodology.
- c) Payment will be made against a valid invoice and supporting documentation, in accordance with PetroSA's standard payment terms.
- d) No advance payment or mobilisation fee is envisaged. Tenderers should include all mobilisation and start-up costs in their commercial proposal.

QUESTION 3

Discipline: Commercial / Contractual

Please confirm whether Value Added Tax (VAT) applies to this contract for a foreign-based consultant. The Tenderer is a foreign entity and requests clarification on: (a) Whether South African VAT (currently 15%) will be charged on the consultancy fees; (b) Whether a withholding tax will be applied to payments made to a foreign consultant, and if so, at what rate; (c) Whether PetroSA requires the Consultant to register for VAT in South Africa as a condition of contract award.

PetroSA Response:

- a) South African VAT (15%) will only apply if the services are rendered in the RSA and the successful tenderer is registered, or required to register, for VAT in South Africa. If the services are rendered outside the RSA, South African VAT will not apply.
- b) No domestic withholding tax is levied on service fees payable to non-residents.
- c) No, only if the service is rendered in the RSA, then the tenderer is required to register for VAT in the RSA if the VAT threshold exceeds R2.3million per annum. Tenderers should clearly indicate the tax assumptions underpinning their commercial proposals.

QUESTION 4

Discipline: Commercial / Contractual

Please confirm the contract type and general conditions of contract (GCC) that will govern this engagement. Specifically: (a) Will PetroSA use its standard professional services agreement, or a FIDIC-based contract? (b) Will a draft contract be made available to tenderers prior to bid submission for review and comment? (c) What is the liability cap applicable to the Consultant — is it limited to the contract value, or is a higher cap required? (d) What professional indemnity insurance coverage is required, and for what period after project completion?

PetroSA Response:

- a) The contract will be based on PetroSA's standard consultancy/professional services agreement. A draft consultancy agreement was issued together with the tender documents and is available on the PetroSA tender portal for review.
- b) Yes. Tenderers are requested to review the draft agreement available on the portal and identify any material deviations or concerns as part of their tender submission.
- c) The limitation of liability provisions applicable to the contract are contained in the draft consultancy agreement. Tenderers should review the relevant clauses and highlight any proposed deviations in their submissions.
- d) The required professional indemnity insurance and other insurance requirements are set out in the draft consultancy agreement. The successful Tenderer will be required to maintain the prescribed insurance cover for the duration specified in the agreement. Tenderers are encouraged to review these requirements carefully before submitting their bids.

QUESTION 5

Discipline: Commercial / Contractual

Please clarify the B-BBEE (Broad-Based Black Economic Empowerment) requirements applicable to this tender. Specifically: (a) What minimum B-BBEE level is required for a foreign-based consultant to be eligible for contract award? (b) Is a local South African sub-consultant or joint venture partner required to meet B-BBEE compliance? (c) What is the weighting of B-BBEE in the overall evaluation criteria (price vs. B-BBEE vs. technical)? (d) Will the Tenderer be required to register on the Central Supplier Database (CSD) as a foreign entity?

PetroSA Response:

- a) There is no minimum B-BBEE level required for eligibility. However, B-BBEE preference points will be allocated in accordance with applicable procurement legislation.

- b) Where a Tenderer proposes a local South African sub-consultant, joint venture partner, or consortium member, the applicable B-BBEE credentials of such entities should be submitted as part of the tender response.
- c) The weighting and evaluation methodology, including technical, price, and B-BBEE considerations, are detailed in the tender documents. Tenderers are requested to refer to the evaluation criteria contained therein.
- d) The successful Tenderer will be required to register on the Central Supplier Database (CSD) prior to contract award. Foreign entities may register on the CSD in accordance with the applicable registration requirements.

QUESTION 6

Discipline: Commercial / Contractual

Please confirm the evaluation criteria and weightings that will be used to assess tender submissions. The MoM (26.08.2026) confirmed that evaluation criteria will be applied strictly, requiring a minimum of 10 years' EPCM experience and completion of at least 10 feasibility/FEED studies in each of the three disciplines (Drilling, Facilities Engineering, Flow Assurance), with only one discipline permitted to be subcontracted. Please clarify: (a) What is the split between technical score and price score (e.g., 90/10 or 80/20)? (b) Is there a minimum technical score threshold before the commercial offer is evaluated? (c) Will shortlisted tenderers be invited to present their proposals to PetroSA prior to award?

PetroSA Response:

The evaluation of submissions will be conducted on a comply/non-comply basis against the mandatory technical and qualification requirements set out in the tender documents.

- a) The commercial evaluation will be conducted in accordance with the 80/20 or 90/10 preference point system, whereby 80/90 points are allocated to price and 20 /10 points to B-BBEE status level contribution.
- b) There is no technical scoring threshold applicable to this tender. Tenderers must, however, be fully compliant with all mandatory technical, experience, and qualification requirements stipulated in the tender documents to be considered further.
- c) PetroSA reserves the right to invite Tenderers to clarification meetings, presentations, or requests for additional information if deemed necessary during the evaluation process. However, there is no guarantee that presentations will form part of the evaluation process.

Tenderers are reminded that the minimum experience and capability requirements detailed in the tender documents and clarification meeting minutes will be evaluated on a comply/non-comply basis.

QUESTION 7

Discipline: Commercial / Contractual

Please confirm the intellectual property (IP) and data ownership provisions that will apply to all study deliverables. Specifically: (a) Will all study deliverables, including engineering models, databases, analyses and reports, become the exclusive property of PetroSA upon delivery? (b) Will the Consultant retain the right to use the methodologies, tools and know-how developed during the study for other projects? (c) Will the Consultant be permitted to reference this project in future capability statements and marketing materials, subject to confidentiality restrictions? (d) Is a Non-Disclosure Agreement (NDA) required prior to receipt of the data package, and if so, will PetroSA provide its standard NDA template?

PetroSA Response:

- a) Intellectual property, data ownership, and deliverables will be governed by the provisions of the draft consultancy agreement issued with the tender.
- b) The Consultant will retain ownership of its pre-existing intellectual property, methodologies, tools, and know-how, subject to the terms of the agreement.
- c) The Consultant may not reference or disclose any aspect of the project without PetroSA's prior written consent and compliance with the confidentiality provisions of the contract.
- d) Where required, PetroSA may require the successful Tenderer to enter into a Non-Disclosure Agreement (NDA) before the release of confidential information. Any such NDA will be provided by PetroSA.

Tenderers are requested to review the intellectual property and confidentiality provisions contained in the draft consultancy agreement issued with the tender.

B. GENERAL & SCOPE QUESTIONS

QUESTION 8

Discipline: General / Scope

The MoM (26.08.2026) confirmed that PetroSA will make available to the successful tenderer the following data package: the 2016 E-BK Feasibility Study (Petrofac), Subsurface Basis of Design, well plans and preliminary casing designs for E-AD and E-S8, E-BK seabed route survey (Fugro), metocean studies, existing subsea and FA platform facilities design information, PetroSA specifications, and PetroSA's preferred contracting strategy. Please confirm: (a) Will this data package be made available to all registered tenderers during the tender stage to support proposal preparation, or only to the successful tenderer after contract award? (b) Is there a data room or secure portal through which tenderers can access this information prior to bid submission?

PetroSA Response:

- a) The “Company Supplied Information” (Section 6 of the Scope of Work document) will be made available to the successful tenderer after contract award.
- b) The successful tenderer will have access to the data room after contract award.

QUESTION 9

Discipline: General / Scope

The Scope of Work states that the study shall be completed within twelve (12) weeks from award. The MoM (26.08.2026) noted that "preference will be given to schedules that meet PetroSA's target completion period of 12 weeks; however, reasonable deviations supported by a credible execution methodology and resource plan may be considered." Please confirm: (a) What is the maximum acceptable study duration that PetroSA will consider? (b) Will proposals offering a longer duration (e.g., 16–20 weeks) be evaluated on equal terms with 12-week proposals, provided the methodology is credible? (c) What is the acceptable accuracy range for deliverables within the 12-week timeframe?

PetroSA Response:

- a) The maximum acceptable duration for the study is 20 weeks. If 12 weeks is not possible, the tenderer needs to clearly motivate the alternative proposed timeline by means of the supplied execution methodology.
- b) Proposals with a duration longer than 12 weeks will be evaluated on equal terms if the methodology is credible. Limited resources will not be considered as a reason to extend the timeline.
- c) The deliverables need to comply with a Feasibility Study level of detail, as specified in the supplied scope of work document.

QUESTION 10

Discipline: General / Scope

Please confirm whether the successful Consultant will be precluded from participating in the subsequent FEED phase or any other future project phases (e.g., EPC tendering, project management). This is relevant to the Tenderer's conflict-of-interest assessment and resource planning.

PetroSA Response: The successful tenderer will not be precluded from participating in subsequent project phases.

QUESTION 11

Discipline: General / Scope

The MoM (26.08.2026) confirmed that subsurface and reservoir modelling work has already been completed internally by PetroSA, and that no additional subsurface studies are envisaged as part of the current scope. Please confirm: (a) Whether the

Consultant will be required to validate or quality-check the existing reservoir models and production profiles, or whether these are to be accepted as fixed inputs; (b) Whether the Consultant is expected to perform sensitivity analyses on the production profiles (low/base/high cases) as part of the flow assurance study, as implied by the Scope of Work.

PetroSA Response:

- a) PetroSA has completed subsurface work.
- b) Low/base/high case and any boundary case profiles will be provided. No reservoir modelling required from consultant

QUESTION 12

Discipline: General / Scope

The MoM (26.08.2026) confirmed that the cost estimate must include an estimate for decommissioning costs (Class 3). Please clarify: (a) What is the expected decommissioning scope — does it cover only the new wells and subsea infrastructure, or does it also include the existing SCG and EM infrastructure? (b) What decommissioning methodology should be assumed — well P&A, pipeline flushing and abandonment, or full removal? (c) Should the decommissioning cost estimate be presented as a separate line item within the Class 3 TIC estimate?

PetroSA Response:

- a) The decommissioning scope is only for the new wells and infrastructure.
- b) The consultant should develop an optimal decommissioning estimate aligned with the current project phase, applicable international and local regulatory frameworks. PetroSA follows a risk-based philosophy and considers factors such as regulatory requirements, technical feasibility, environmental impact, impact on other sea users, socio-economic impact, etc for subsea pipeline and infrastructure. Well P&A is in accordance with NORSOK D-10 & OEUK-Well-Decommissioning-Guidelines-Issue-7.
- c) The decommissioning cost estimate must be specified separately, with the required breakdown of costs as required by an AACE Class 3 cost estimate.

C. DRILLING ENGINEERING QUESTIONS

QUESTION 13

Discipline: Drilling Engineering

Attachment A (Section 2) references the historical use of a four-casing-string design: 36" or 30" conductor, 20" swaged to 17½" intermediate casing, 9⅝" production casing, and a contingency 7" liner. The MoM (26.08.2026) confirmed that preliminary casing designs for E-AD and E-S8 will be provided to the successful tenderer. Please confirm: (a) Whether PetroSA has a preference for maintaining this casing architecture, or

whether the Consultant is free to propose alternative casing designs based on the geomechanical and drilling engineering studies; (b) Whether any existing conductor or wellhead infrastructure is in place at any of the three well locations.

PetroSA Response:

- a) Historic casing strings are meant for reference purposes, and the contractor will have to propose this or different ones, having regard to the fatigue analysis, geomechanical and drilling engineering studies.
- b) All proposals are for new wells at each field, to be drilled from the seabed. There are neither top-holes with conductors and wellheads, nor existing wells requiring side-tracking. The consultant is expected to propose appropriate conductors and wellhead systems for all three fields that are also compatible with Rig Selection.

QUESTION 14

Discipline: Drilling Engineering

Attachment A (Section 1.2.2) states that the proposed E-BK development well is located approximately 800 m north-west of the E-BK1 discovery well, with the planned horizontal section passing the E-BK1 wellbore at a distance of approximately 200 m. Please confirm: (a) Whether a detailed anti-collision analysis has been performed for the proposed E-BK well trajectory relative to E-BK1; (b) Whether the E-BK1 wellbore directional survey data and casing shoe depths will be made available to the Consultant.

PetroSA Response:

- a) There is no anticollision has been done to date, and it is for the contractor to propose.
- b) The directional survey will be made available to the successful tenderer

QUESTION 15

Discipline: Drilling Engineering

The MoM (26.08.2026) confirmed that the E-S8 top hole location is anticipated to be within approximately 50 metres of the existing E-S7 well, and that the new well will be tied back to the existing E-S subsea manifold. Attachment A (Section 1.4.2) states that the planned trajectory is designed to intersect three fault blocks between E-S1 and E-S7. Please clarify: (a) What is the current status of the fault block interpretation — is a 3D seismic dataset available and will it be provided to the Consultant? (b) Has any geo-steering strategy been considered for E-S8, and what LWD/MWD tool suite is anticipated? (c) What is the expected total measured depth (MD) and true vertical depth (TVD) for E-S8?

PetroSA Response:

- a) The E-S development concept is based on the current PetroSA static interpretation/model and existing 3D seismic interpretation. The consultant is not

to be asked to reinterpret seismic as part of this scope. Relevant well plans/static-model outputs can be supplied as inputs.

- b) No final geosteering/LWD strategy has been selected; consultant shall evaluate and recommend the appropriate drilling/navigation and formation-evaluation strategy.
- c) Further details of reservoir and fault interpretation/understanding will be shared with the successful tenderer.

QUESTION 16

Discipline: Drilling Engineering

The Scope of Work requires the Consultant to develop a list of Long Lead Items (LLI) for each well, including procurement lead times and latest order dates to protect first gas. Please confirm: (a) Whether PetroSA has a target first gas date that should be used as the basis for LLI scheduling; (b) Whether PetroSA has any existing inventory of usable LLI stock (e.g., casing, wellheads, subsea trees) that should be incorporated into the LLI assessment; (c) Whether batch procurement opportunities across all three wells should be evaluated as a priority.

PetroSA Response:

- a) The first gas date will be shared with the successful tenderer after contract award.
- b) All relevant data will be shared with the successful tenderer after contract award.
- c) The consultant needs to advise on the most effective strategy for the procurement of goods and services.

QUESTION 17

Discipline: Drilling Engineering

Attachment A (Section 3.1.3) requires the Consultant to evaluate the feasibility of gas lift via the A-annulus without rig intervention. Please confirm: (a) Whether the existing subsea infrastructure and FA Platform facilities have the capability to supply gas lift gas to the new wells; (b) Whether any capacity constraints on the gas lift system should be considered in the well design; (c) What is the maximum available gas lift injection pressure at the FA Platform.

PetroSA Response:

- a) All relevant data will be shared with the successful tenderer after contract award. There are spare chemical injection cores in the existing subsea umbilicals, but none that were specifically designed for lift gas. The intended use case is to have the ability to inject gas like nitrogen from a DSV, connecting from the vessel to the x-tree via a deployed downline. Gas lift will not be continuous, but rather for specific interventions to kick-off the well where e.g. (i) the well fails to restart after being shut-in, due to liquid loading, or (ii) after a chemical squeeze treatment.

b) No. The nitrogen system deployed on the DSV will be capable of injecting at the required pressure and rate, and have suitable pressure-protection to ensure well limits are not exceeded.

c) N/A

QUESTION 18

Discipline: Drilling Engineering

Please confirm the CO₂ and H₂S content specification for each field, as this is critical for material selection (carbon steel vs. CRA) and elastomer compatibility assessments. The Attachment A reservoir parameter tables indicate CO₂ content of approximately 3.8–3.9 mol% for E-AD reservoirs. Please confirm: (a) Whether H₂S has been detected in any of the three fields; (b) If so, the measured H₂S partial pressures; (c) Whether the Subsurface Basis of Design document (to be provided to the successful tenderer) contains the full fluid composition data for all three fields.

PetroSA Response:

a) All relevant data will be shared with the successful tenderer after contract award. H₂S is not anticipated.

b) N/A

c) The Subsurface BOD contains full fluid composition for all 3 fields.

D. SUBSEA, FLOW ASSURANCE & TOPSIDES INTEGRATION QUESTIONS

QUESTION 19

Discipline: Subsea Engineering / Flow Assurance

The Scope of Work confirms that E-BK will be tied back to the E-BB3 tie-in point on the existing SCG pipeline (approximately 20 km new pipeline), E-AD will be tied back to the existing E-AD tie-in point on the SCG pipeline (approximately 100 m subsea connection), and E-S8 will be tied back to the existing E-S subsea manifold. Please confirm: (a) What is the current operating pressure and available capacity at each of these tie-in points? (b) Are there any known integrity issues or remaining life limitations on the existing SCG pipeline and E-S/EM subsea infrastructure that may constrain the new tie-back design? (c) What is the design operating life required for the new subsea infrastructure?

PetroSA Response:

a,b,c) The existing infrastructure details will be provided to the successful tenderer as part of the “Company Supplied Information”. Previous studies have indicated that the existing infrastructure has sufficient capacity to accommodate the new fields. This needs to be assessed as part of the feasibility study. The life extension of the existing

infrastructure is outside the scope of the feasibility study. The design life for new infrastructure is typically ~20 years.

QUESTION 20

Discipline: Subsea Engineering / Flow Assurance

The Scope of Work requires a comprehensive dynamic flow assurance study covering the new pipeline section from E-BK to E-BB3, and the impact of adding the three new production wells on the existing wells and pipeline system. Please confirm: (a) What transient hydraulic modelling software is preferred or acceptable to PetroSA (e.g., OLGA, LedaFlow, PIPESIM)? (b) Will PetroSA provide existing OLGA or PIPESIM models for the SCG and EM pipeline systems to the Consultant? (c) What are the minimum and maximum seabed temperatures along the E-BK tie-back route, and is the Fugro seabed route survey data sufficient for thermal modelling purposes?

PetroSA Response:

- a) The consultant needs to propose a suitable software package.
- b) PetroSA will supply existing Pipesim (steady state) models to the successful Consultant. It will be up to the Consultant to decide whether these models are useable/"fit for purpose" for the planned feasibility study, or if the models need to be revised/rebuild.
- c) All existing metocean studies (including seabed temperatures) and route surveys will be made available to the successful tenderer after contract award

QUESTION 21

Discipline: Subsea Engineering / Flow Assurance

The Scope of Work requires a slug consequence assessment to evaluate the impact of predicted slug volumes and surge rates on existing process facilities, including separators, compression systems, control systems, produced water handling systems and downstream reception facilities. Please confirm: (a) What is the current slug catcher/separator capacity at the FA Platform and at the onshore reception facilities? (b) Are there any known slug-related operational issues on the existing SCG pipeline system that should be considered as a baseline? (c) Should the slug assessment cover both steady-state and transient (e.g., restart after shutdown) scenarios?

PetroSA Response:

- a) The existing infrastructure details will be provided to the successful tenderer as part of the "Company Supplied Information". The existing SCG pipeline design does consider slugging and slug management control on the reception facilities.
- b) The information will be provided to the successful tenderer as part of the "Company Supplied Information".
- c) The slug analysis must cover both steady-state and transient scenarios.

QUESTION 22

Discipline: Subsea Engineering / Flow Assurance

The Scope of Work requires assessment of hydrate mitigation options and alignment with the current hydrate mitigation philosophy (MEG and/or KHI). Please confirm: (a) What is the current hydrate mitigation philosophy on the SCG pipeline system — is MEG injection, KHI, or a combination currently used? (b) What is the current MEG regeneration capacity at the FA Platform, and is there available capacity to accommodate the additional MEG demand from the three new wells? (c) Are there any constraints on the use of methanol vs. MEG as a hydrate inhibitor, given the long tie-back distances for E-BK (~20 km new pipeline + ~52 km existing SCG pipeline to FA Platform)?

PetroSA Response:

a,b,c) The existing infrastructure details will be provided to the successful tenderer as part of the “Company Supplied Information”. The consultant is required to advise on the best future hydrate mitigation strategy.

QUESTION 23

Discipline: Subsea Engineering / Flow Assurance

The Scope of Work requires assessment of the impact on the FA Platform DCS (Discrete Control System) and ESD (Emergency Shutdown System) interface control systems, as well as the impact on the hydraulic skid, supply tank and return tank for the long hydraulic umbilicals required for the new wells. Please confirm: (a) Will PetroSA provide the existing FA Platform DCS and ESD system documentation (including I/O lists and control philosophy) to the Consultant? (b) What is the current available spare I/O capacity on the FA Platform DCS and ESD systems? (c) What is the current hydraulic fluid supply and return tank capacity on the FA Platform, and what is the estimated additional hydraulic fluid volume required for the new umbilicals?

PetroSA Response:

a,b,c) The existing infrastructure details will be provided to the successful tenderer as part of the “Company Supplied Information”. The consultant needs to determine the fluid volume and all other aspects required to tie back the new wells as part of the feasibility study.

QUESTION 24

Discipline: Subsea Engineering / Flow Assurance

The Scope of Work requires assessment of the control of the E-S8 well and infrastructure via the ES/EM infrastructure, including the impact on the EM Buoy BCS and ESD interface control systems and the interface with the FA Platform DCS and ESD system. Please confirm: (a) Will PetroSA provide the existing EM Buoy BCS and ESD system documentation to the Consultant? (b) What is the current available spare

I/O capacity on the EM Buoy BCS and ESD systems? (c) What is the current hydraulic skid capacity on the EM Buoy, and what is the estimated additional hydraulic fluid volume required for the E-S8 umbilical?

PetroSA Response:

a,b,c) The existing infrastructure details will be provided to the successful tenderer as part of the “Company Supplied Information”. The consultant needs to determine the fluid volume and all other aspects required to tie back the new wells as part of the feasibility study.

QUESTION 25

Discipline: Subsea Engineering / Flow Assurance

The Scope of Work requires assessment of the chemical skids on the EM Buoy and on the FA Platform to ensure compliance with the capacity required for the new wells. Please confirm: (a) What chemicals are currently injected via the FA Platform and EM Buoy chemical skids (e.g., MEG/KHI, scale inhibitor, corrosion inhibitor, foamer); (b) What is the current injection rate and remaining capacity for each chemical on each skid? (c) Will PetroSA provide the existing chemical injection system design documentation to the Consultant?

PetroSA Response:

a,b,c) PetroSA will provide the existing infrastructure details to the successful tenderer as part of the “Company Supplied Information”. The EM Bouy and the FA are fitted with MEG and methanol skids. The consultant will need to evaluate and advise on optimal inhibitor solution as part of the feasibility study.

QUESTION 26

Discipline: Subsea Engineering / Flow Assurance

The Scope of Work requires assessment of the wax deposition, inorganic scale formation and corrosion risks. Please confirm: (a) Whether PetroSA has existing fluid PVT data, wax appearance temperature (WAT) measurements, and scale tendency analyses for the E-BK, E-AD and E-S reservoir fluids; (b) Whether this data will be provided to the Consultant as part of the data package; (c) Whether any wax or scale deposition issues have been experienced on the existing SCG or EM pipeline systems that should be considered as a baseline.

PetroSA Response:

- a) PVT data is available for all fields. WAT has been done for E-BK. No scaling tendency analysis has been done. The consultant is expected to perform the scale tendency analyses (as requested in the scope of work) based on the water analysis (supplied by PetroSA) and operating conditions.
- b) All available data will be provided to the successful tenderer as part of the “Company Supplied Information”.

- c) Possible wax and scale deposition has been experienced on the existing SCG well, E-BB3.

E. GEOMECHANICS & RESERVOIR QUESTIONS

QUESTION 27

Discipline: Geomechanics / Reservoir Engineering

Attachment A (Section 3.1.2) requires the Consultant to build a geomechanical model for each field. The MoM (26.08.2026) confirmed that the Subsurface Basis of Design will be provided to the successful tenderer. Please confirm: (a) Whether the Subsurface Basis of Design includes wireline log data (sonic, density, image logs) from E-BK1, E-AD1, E-S1 and E-S7 sufficient to build geomechanical models; (b) Whether any existing formation integrity tests (FIT) or leak-off tests (LOT) from offset wells are available; (c) Whether any existing pore pressure and fracture gradient predictions for the three fields are included in the data package.

PetroSA Response:

- a) All available wireline log data will be provided to the successful tenderer. The consultant shall review the available data and advise on the suitability and/or propose the optimal approach to follow.
- b) FITs or LOTs were performed at each well below the shoe of the intermediate casing and the second-to-last string. These will be made available to the successful tenderer.
- c) The mud window for the existing wells in these fields will be made available to the successful tenderer.

QUESTION 28

Discipline: Geomechanics / Reservoir Engineering

The E-AD field has no appraisal drilling history, and the reservoir is described as deep-marine turbidite channel sandstones with limited well control. The Scope of Work (Section 2.2) states that most of the E-AD reservoirs indicate gas-down-to with no clear indication of where the gas-water contacts are. Dynamic reservoir simulation predicts a plateau rate of only 10 MMscf/d for 1 year before water production curtails output. Please clarify: (a) What is the basis for the water production forecast — is this based on a full 3D reservoir simulation model or a simpler analytical model? (b) Has any sensitivity analysis been performed on the GWC depth uncertainty for E-AD? (c) Will the existing reservoir simulation model be made available to the Consultant?

PetroSA Response:

- a) Water production forecasts are based on a 3D reservoir model.
- b) GWC contact sensitivity forms part of the subsurface reservoir engineering evaluation. Modelled water production profiles will be provided to the successful tenderer as part of the Subsurface BOD.
- c) It is not anticipated to supply dynamic models to the consultant

QUESTION 29

Discipline: Geomechanics / Reservoir Engineering

The Scope of Work (Section 2.3) confirms that the E-S8 top hole location is anticipated to be within approximately 50 metres of the existing E-S7 well, and that the new well will target a separate reservoir compartment. The estimated 2P recoverable volume for E-S is 22 Bscf of gas and 0.84 MMbbls of condensate, with a peak gas rate of approximately 18 MMscf/d. Please clarify: (a) What is the basis for the GIIP and recoverable volume estimates — is this a P10/P50/P90 estimate? (b) Are the four sand packages in the Fluvial reservoir hydraulically connected, or are they isolated compartments requiring separate perforation intervals? (c) What is the expected commingled production profile from the Fluvial and USM reservoirs over the field life?

PetroSA Response:

- a) The volumes are based on the static and dynamic reservoir models. The Subsurface BOD includes the production forecasts and will be made available to the successful tenderer.
- b) Reservoir modelling assumptions are captured in the Subsurface BOD and will be made available to the successful tenderer.
- c) The Subsurface BOD includes the production forecasts from the different reservoirs and will be made available to the successful tenderer.

QUESTION 30

Discipline: Geomechanics / Reservoir Engineering

Well E-S7 has been shut in since 2016. Please provide the following information to support the E-S8 well design: (a) What was the reason for the shut-in of E-S7 — mechanical failure, water breakthrough, or commercial decision? (b) Has any pressure build-up (PBU) or static reservoir pressure measurement been performed on E-S7 since shut-in? (c) What is the current estimated reservoir pressure in the E-S field relative to the original discovery pressure?

PetroSA Response:

- a) All required will be provided to the successful tenderer as part of the “Company Supplied Information.
- b) Reservoir Pressure will be provided in the Subsurface BOD
- c) Reservoir pressure currently anticipated to be close to virgin pressure. Reservoir pressures in individual sands are not well established

F. RIG SELECTION & FATIGUE ANALYSIS QUESTIONS

QUESTION 31

Discipline: Rig Selection / Fatigue Analysis

Attachment A (Section 3.1.1) requires analysis of weather and environmental conditions in Block 9 for the last 10 years with a projection for the next 10 years. The MoM (26.08.2026) confirmed that metocean studies will be provided to the successful

tenderer. Please confirm: (a) What is the vintage and scope of the existing metocean studies — do they cover all three field locations (E-BK, E-AD, E-S)? (b) Are the existing metocean studies sufficient for rig fatigue analysis purposes, or will additional metocean data acquisition be required? (c) If additional metocean data is required, will PetroSA commission this separately or is it within the Consultant's scope?

PetroSA Response:

- a) Metocean studies will be provided to the successful tenderer, including all the details therein.
- b) No further metocean data acquisition to be done as part of the feasibility study.
- c) The consultant may advise of gaps to be addressed in further stages of the project

QUESTION 32

Discipline: Rig Selection / Fatigue Analysis

The Scope of Work references the historical use of a semi-submersible rig with an 18¾" wellhead. Please confirm: (a) Whether PetroSA has a preference for a specific rig type (semi-submersible, jack-up, or DP drillship), or whether the Consultant is free to recommend the optimal rig type based on the fatigue analysis; (b) Whether PetroSA has any existing rig contracts or frame agreements that should be considered in the rig selection assessment; (c) What is the anticipated drilling campaign sequence — will all three wells be drilled consecutively by a single rig, or is a split campaign envisaged?

PetroSA Response:

a), b), c) This is the scope of work for the successful tenderer to establish and guide accordingly for preference, contract frames and even the sequence of campaign and/or split. It is for the successful tenderer to advance rationale for any recommendation made.

QUESTION 33

Discipline: Rig Selection / Fatigue Analysis

Attachment A (Section 3.1.1) requires the Consultant to produce models of rig/riser/wellhead/conductor load and fatigue assessments. Please confirm: (a) What software tools are acceptable to PetroSA for the fatigue analysis (e.g., OrcaFlex, ANSYS, SESAM)? (b) Will PetroSA provide any existing riser analysis models or wellhead fatigue data from previous drilling campaigns in Block 9? (c) What is the required fatigue life design criterion (e.g., minimum acceptable fatigue life in years)?

PetroSA Response:

- a) Contractor to advise and motivate license criteria.
- b) Existing models will be shared with successful tenderer.
- c) Contractor to advise and motivate design life criteria

QUESTION 34

Discipline: Rig Selection / Fatigue Analysis

The Scope of Work requires assessment of different BOP types and weights to define the envelope for choice during the detailed design phase. Please confirm: (a) What is the anticipated wellhead pressure rating for each field — is a 10,000 psi or 15,000 psi BOP stack required? (b) Are there any constraints on BOP stack weight imposed by the anticipated rig types? (c) Will a subsea BOP or surface BOP configuration be used?

PetroSA Response:

- a) Shut-in wellhead pressure will be below 3400 psig. It is for the consultant to provide and advance the basis for BOP rating,
- b) It is for the consultant to provide and advance the basis for BOP weight restrictions on rig type
- c) Historically subsea BOP, but consultant will advise once rig type is chosen.

QUESTION 35

Discipline: Rig Selection / Fatigue Analysis

Please confirm whether PetroSA requires the Consultant to assess the feasibility of using a jack-up rig for any of the three well locations, given the water depths of approximately 100–140 m. If a jack-up is considered, please confirm whether seabed soil data is available to support a jack-up leg penetration assessment.

PetroSA Response:

This is for the successful tenderer to advise based on available data. No sampling is anticipated during this phase of the project.

G. COMPLETIONS & WELL DESIGN QUESTIONS

QUESTION 36

Discipline: Well Completions / Well Design

The Scope of Work requires evaluation of different lower completion concepts for each well, including open-hole, slotted liner, and cased-and-perforated options. Please confirm: (a) Whether PetroSA has a preferred completion philosophy based on experience from existing Block 9 wells; (b) Whether any formation damage or skin damage data is available from the E-BK1, E-AD1, E-S1 or E-S7 well tests that should inform the completion design; (c) Whether sand production has been observed in any of the existing Block 9 wells, and if so, whether sand control measures (e.g., gravel packs, screens) should be evaluated.

PetroSA Response:

- a) No. Previous completion designs can be shared with the successful tenderer, but the successful tenderer will assess and recommend the optimal completion design for each field.

- b) Skin data is available from WTA.
- c) No significant sand production has been observed from Block 9 wells.

QUESTION 37

Discipline: Well Completions / Well Design

Attachment A (Section 3.1.3) requires evaluation of smart completions feasibility, including Interval Control Valves (ICVs) and Inflow Control Devices (ICDs) for zonal control. Please confirm: (a) Whether PetroSA has experience with smart completions in existing Block 9 wells; (b) Whether the subsea control system infrastructure at the FA Platform has the capacity to accommodate additional hydraulic or electrical control lines for smart completions; (c) What is the maximum number of control lines that can be accommodated in the existing umbilical infrastructure?

PetroSA Response:

- a) Dual zone completions by means of sliding sleeves, in two wells. – one on/off control and one with 0 -100% control.
- b) Successful tenderer will need to advise based on the Company Supplied Information.
- c) Successful tenderer will need to advise based on the Company Supplied Information

QUESTION 38

Discipline: Well Completions / Well Design

Attachment A (Section 3.1.3) requires a preliminary cementing design, including cement slurry screening and zonal isolation programs. Please confirm: (a) Whether any cement bond log (CBL) data is available from existing Block 9 wells to inform the cementing design; (b) Whether there are any known gas migration risks during cementing operations in the Block 9 formations; (c) What is the required cement top depth for each casing string.

PetroSA Response:

a,b,c) All available data will be shared with the successful tenderer, be it from these three wells or other wells in Block 9

QUESTION 39

Discipline: Well Completions / Well Design

Please confirm the anticipated Subsurface Safety Valve (SSSV) type and setting depth philosophy for each well. Specifically: (a) Will a tubing-retrievable (TRSSSV) or wireline-retrievable (WRSSSV) SSSV be preferred? (b) What is the minimum required SSSV setting depth below the mudline? (c) Are there any hydraulic control line length limitations imposed by the water depth and tie-back distance that should be considered in the SSSV selection?

PetroSA Response:

Successful tenderer to advise on (a), (b) and (c).

QUESTION 40

Discipline: Well Completions / Well Design

Attachment A (Section 3.1.3) requires the Consultant to develop a preliminary drilling and completion fluids selection strategy, including screening of Water-Based Muds (WBM) vs. Non-Aqueous Fluids (NAF/OBM). Please confirm: (a) Whether PetroSA has a preferred drilling fluid type based on experience from existing Block 9 wells; (b) Whether there are any environmental restrictions on the use of OBM/NAF in Block 9 (e.g., discharge restrictions, proximity to Marine Protected Areas); (c) Whether any formation damage studies or core flood tests have been performed on the E-BK, E-AD or E-S reservoir cores that should inform the fluid selection.

PetroSA Response:

a,b,c) The Successful Tenderer to advise. All existing information will be shared with the successful tenderer

H. COST ESTIMATION & SCHEDULE QUESTIONS

QUESTION 41

Discipline: Cost Estimation / Project Schedule

The Scope of Work requires the development of Class 2 FEED cost estimates and Class 3 TIC estimates (including decommissioning costs). Please confirm: (a) What is the required currency for the cost estimates (USD, ZAR, or both)? (b) What exchange rate assumptions should be used? (c) What is the required contingency methodology — deterministic or probabilistic (Monte Carlo)? (d) Should the cost estimates include or exclude South African VAT?

PetroSA Response:

- a) The currency is usually USD-based, but will be confirmed to the successful tenderer after contract award.
- b) Exchange rate assumptions will be confirmed to the successful tenderer after contract award.
- c) The scope of work (*Section 7. Deliverables for the Feasibility Study*) asks for the following: Quantitative Risk Assessment (Monte Carlo simulation) on Schedule & Cost estimate to ensure optimisation and determination of optimum value for project contingency taking into account variation in price and activity duration estimations.
- d) VAT assumptions will be confirmed to the successful tenderer after contract award.

QUESTION 42

Discipline: Cost Estimation / Project Schedule

Attachment A (Section 3.1.3) requires the Consultant to generate Class 3 well AFE estimates, including day-rates, fuel, casing, cementing, services and vessels. Please confirm: (a) Whether PetroSA will provide any existing rig day-rate benchmarks or market data to support the AFE estimates; (b) Whether the AFE estimates should be based on a specific rig type assumption, or whether multiple rig type scenarios should be costed; (c) What is the required phasing of pre-FID expenditure — by calendar year or by project phase?

PetroSA Response:

- a) The successful tenderer will provide such benchmarks/market data.
- b) The AFE estimates should be based on the rig type proposed by the consultant.
- c) To be discussed after contract award. Successful tenderer to advise

QUESTION 43

Discipline: Cost Estimation / Project Schedule

The Scope of Work requires the development of project execution strategies, schedules and cost estimates for FEED and execution phases. Please confirm: (a) What is PetroSA's target date for Final Investment Decision (FID)? (b) What is the target first gas date for the project? (c) Should the project schedule assume a sequential or parallel FEED and permitting process?

PetroSA Response:

a,b,c) To be discussed and confirmed with successful tenderer after contract award. Successful tenderer will be required to advise on optimal sequencing of project activities.

QUESTION 44

Discipline: Cost Estimation / Project Schedule

Please confirm whether the Consultant is required to prepare a separate cost estimate for the FEED phase (i.e., the cost of the FEED study itself), in addition to the capital cost estimate for the field development. If so, please provide guidance on the expected scope and duration of the FEED phase.

PetroSA Response:

As per the scope of work, the successful tenderer needs to develop separate cost estimates for FEED (AACE Class 2) and total end-of-job project cost (AACE Class 3), as well as develop the overall project schedule.

QUESTION 45

Discipline: Cost Estimation / Project Schedule

The Scope of Work requires identification of batch procurement opportunities across E-BK, E-S and E-AD. Please confirm: (a) Whether PetroSA intends to drill all three wells as a single integrated campaign, or whether the wells may be drilled in separate campaigns; (b) Whether there is a preferred drilling sequence for the three wells (e.g., E-S8 first, given its proximity to existing infrastructure); (c) Whether the cost estimate should include a sensitivity analysis on the impact of drilling sequence on overall project cost and schedule.

PetroSA Response:

Successful tenderer to propose sequence of drilling and rationale for such.

I. HSSE & RISK QUESTIONS

QUESTION 46

Discipline: HSSE / Risk Management

The Scope of Work requires risk assessments, HAZID/HAZOP studies, operability assessments and SHEQ philosophy development. Please confirm: (a) Whether PetroSA requires a formal HAZID workshop to be conducted as part of the feasibility study, and if so, what is the expected number of workshop days and participants? (b) Whether PetroSA will provide a facilitator for the HAZID/HAZOP workshops, or whether the Consultant is expected to provide an independent facilitator; (c) Whether the HAZID/HAZOP studies should cover the full development scope (wells, subsea, topsides) or only specific elements.

a) PetroSA Response:

- a) Formal HAZID workshop is required. Successful tenderer will need to advise based on project scope
- b) Consultant to supply facilitator
- c) HAZID needs to cover full development scope

QUESTION 47

Discipline: HSSE / Risk Management

Please confirm the applicable regulatory framework and environmental permitting requirements for the proposed development. Specifically: (a) What is the current status of the Environmental Impact Assessment (EIA) for the Block 9 development — has an EIA been initiated, and if so, will the EIA report be made available to the Consultant? (b) Are there any Marine Protected Areas (MPAs) or other environmental sensitivities in the vicinity of the three field locations that may impose constraints on the development concept? (c) What are the applicable South African regulatory

requirements for offshore well abandonment and decommissioning that should be considered in the well design?

PetroSA Response:

- a) The EIA is not part of the feasibility study scope of work and is performed by other consultants. The EIA will not be completed during the Feasibility study.
- b) There are currently no declared MPAs in the vicinity of the 3 fields.
- c) The information will be shared with the successful tenderer after contract award. PetroSA's philosophy is in accordance with NORSOK D-10 & OEUK-Well-Decommissioning-Guidelines-Issue-7.

QUESTION 48

Discipline: HSSE / Risk Management

The Scope of Work requires the Consultant to specify residual risks that persist after assessed risks are mitigated to ALARP. Please confirm: (a) PetroSA's preferred risk matrix format and risk tolerance criteria (e.g., frequency-consequence matrix dimensions, ALARP boundary definitions); (b) Whether PetroSA has a corporate risk register template that the Consultant should use for the Drilling & Completions Risk Register; (c) Whether the risk register should be aligned with any specific industry standard (e.g., ISO 31000, API RP 17N).

PetroSA Response:

PetroSA has a corporate risk management policy that needs to be followed. All relevant documentation will be shared with the successful tenderer

J. DELIVERABLES & REPORTING QUESTIONS

QUESTION 49

Discipline: Deliverables / Reporting

The Scope of Work requires the Consultant to prepare technical specifications, Basis of Design, tender documentation and scope of work for the subsequent FEED phase. Please confirm: (a) What document control system and numbering convention should be used for all deliverables? (b) What is the required document review and approval process — will PetroSA conduct formal document reviews with defined review periods? (c) What is the required format for the Basis of Design document — should it follow a specific PetroSA template?

PetroSA Response:

- a) The successful tenderer needs to advise. The document control system will be agreed after contract award at the project kick-off meeting.
- b) Formal document reviews. Turnaround target for reviews is usually 1 week per deliverable/document.
- c) Successful tenderer to advise on format.

QUESTION 50

Discipline: Deliverables / Reporting

Please confirm the required number and format of progress reports during the study period: (a) What is the required reporting frequency (weekly, bi-weekly, monthly)? (b) Should progress reports include an updated project schedule and cost tracking? (c) Will PetroSA require formal progress review meetings, and if so, what is the expected frequency and format (virtual or in-person)?

PetroSA Response:

- a) Weekly progress reports on key deliverables and progress. This can take the form of a slide pack, typically as shown during the virtual progress meetings. Monthly detailed progress reports.
- b) Yes
- c) Weekly progress meetings. Virtual.

QUESTION 51

Discipline: Deliverables / Reporting

Attachment A (Section 3.2) requires the Consultant to compile a finalised Drilling & Completion Basis of Design document. Please confirm: (a) Whether this document should cover all three fields in a single integrated BoD, or whether separate BoD documents are required for each field; (b) What is the required level of detail for the BoD at the feasibility stage — should it be sufficient to issue directly to the market for FEED tendering? (c) Whether PetroSA has an existing BoD template or format that should be followed.

PetroSA Response:

- a) Separate document per field unless contractor advises differently with rationale.
- b) Sufficient for FEED.
- c) None. Consultant to advise.

QUESTION 52

Discipline: Deliverables / Reporting

Please confirm the data confidentiality and document security requirements for all study deliverables: (a) What classification level should be applied to all deliverables (e.g., Confidential, Restricted, Internal Use Only)? (b) Are there any restrictions on the storage of PetroSA data on cloud-based platforms or servers located outside South Africa? (c) What are the document retention and destruction requirements at the end of the contract?

PetroSA Response:

The document confidentiality, security, storage and retention requirements will be discussed with the successful tenderer after contract award at the kick-off meeting.