



**Address:** Ground Floor, East Wing of Palácio do Governo  
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### **REQUEST FOR PROPOSAL (RFP)**

## **MASS BALANCE AUDIT IN BAYU UNDAK OFFSHORE PRODUCTION FACILITY AND THE DARWIN LNG**

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Rcf: ANPM/PROC/RFP/17/007

### **Background:**

Autoridade Nacional do Petróleo e Minerais (ANPM) is a public institution established under the Decree Law No.1/2016 dated 9 February 2016 as the 1st amendment to the Decree Law no. 20/2008 of the Democratic Republic of Timor-Leste, with its role and functions as Regulatory Authority on behalf of the Ministry Responsible for Petroleum and Mineral Sectors to administer and regulate the upstream and downstream petroleum sectors and all the Mineral sectors within Timor-Leste Onshore and Offshore territory. The ANPM also in accordance with the Timor Sea Treaty signed between Timor-Leste and Australia is as a Designated Authority (DA) with the role and functions to administer and regulate upstream petroleum activities in the Joint Petroleum Development Area (JPDA) on behalf of Timor-Leste and Australia.

The Bayu Undan Field is located in the Timor Sea and covers an area of over 60,000 acres. The field commenced production in February 2004 with producing gas and liquids. The lean gas production is exported to the LNG plant in Darwin with remaining is re-injected to maintain reservoir pressure.

The purpose of the audit is to verify the mass of hydrocarbon entering and leaving each system in Bayu Undan facility and Darwin LNG in order to ensure the balance of process plant to meet design intent. Thus, the ANPM is planning to engage qualified consultant to assist ANPM Metering and Process team to carry out "Mass Balance Audit" in Bayu Undan and at Darwin LNG plant in Northern Territory, Australia.

The ANPM is seeking for a qualified consultant with experience in hydrocarbon mass balance auditing, hydrocarbon fluids measurement, quality determination, and quantity determination and ability to assess and analyse the functionality and operability of the metering instruments. The audit/inspection will be conducted in three different facilities as per below schedule.

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- Bayu Undan from 26 – 29 September 2017
- Darwin LNG plant from 2 – 6 October 2017
- Perth Office from 9 – 13 October 2017

**Scope of work:**

1. Review the adequacy of audit scope of work, checklist and provide appropriate feedback
2. Perform a comprehensive review based on the mass balance related documents and Mass Balance auditing and inspection with ANPM Metering and Process team on the following facilities:
  - Bayu Undan Facility (Offshore)
  - DLNG Facility (Onshore)
  - ConocoPhillips Perth Office
3. With ANPM team the Consultant is required to provide and present final inspection report and submit to ANPM Management and the operator.
4. Review the operator's response on the findings and provide feedback until all responses are satisfactorily accepted.

**Selection Criteria:**

Interested Consultants are requested to provide following information in their proposal:

1. A statement confirming the capacity to perform the task requested by ANPM.
2. Statement of skills and qualifications of personnel certificates conducting the review.
3. Inspection methodology
4. Work program and timelines
5. Statement of any potential conflicts of interest
6. Business registration
7. Declaration of any affiliation company
8. Company organization structure
9. Quotation for performing the task (preferred in lump sum figure with 10% Timor Leste Withholding Tax).

Note:

- In-line with Timor Leste taxation Law, a 10% Withholding tax will be deducted from the gross quote.

- Any incidental out of pocket expenses, such as travel and accommodation must be included in the overall fixed price fees submitted.
- No amount other than the proposed total fixed price shall be paid.

**Lodgement:**

The application should be marked '**Confidential**' and for the attention of: Sr. Humberto Pereira, **ANPM Procurement Section** and submitted by E-mail through [anpm.bid@anpm.tl](mailto:anpm.bid@anpm.tl) or by hand or courier to:

Autoridade Nacional do Petróleo e Minerais  
Ground Floor, East Wing of Palácio do Governo  
Avenida Marginal, Building No.1  
PO Box 113 Telephone: +670 3324098,  
Fax: +670 3324082  
Dili, Timor – Leste  
ANPM website; [www.anpm.tl](http://www.anpm.tl)

Lodgement will be closed at 16:30 hours Timor Leste time on 07<sup>th</sup> of August 2017. Late applications will not be considered.

**Further information:**

Requests for further information should be made by email or telephone and directed to Mr. Digorio Pereira, Metering Officer at [digorio.pereira@anpm.tl](mailto:digorio.pereira@anpm.tl), +670 3324098/3317215/3317216/3312735.

Dili, 14<sup>th</sup> of July 2017



Pamela Simões  
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