

GLOBAL EXPRESSION OF INTEREST (EoI) FOR PROVISION OF INTEGRATED CORE STUDIES FOR RAJASTHAN

Vedanta Limited is one of the world’s leading Oil & Gas and Metals company with significant operations in Oil & Gas, Zinc, Lead, Silver, Copper, Iron Ore, Steel, and Aluminium & Power across India, South Africa and Namibia.

Cairn Oil & Gas, Vedanta Limited, is the largest private oil and gas exploration and production company in India, accounting for more than a quarter of India’s domestic crude oil production. Cairn has always been a leading organization committed to the national cause of building “Atmanirbhar Bharat”. Cairn Oil & Gas has a vision to achieve 50% of India’s crude production and contribute to the energy security of the country.

Brief Scope of Work

Cairn Oil & Gas, Vedanta Limited, has been a successful operator of the Onshore block RJ-ON-90/1 in Rajasthan carrying out extensive exploration & appraisal activities along with developing numerous assets (Mangala, Bhagyam, Aishwariya Fatehgarh, Aishwariya Barmer-Hill, Raageshwari Deep Gas, Raag Oil, Guda, etc.). The Company has an aggressive plan for development as well as exploration/appraisal in the RJ block for next 3 years.

To achieve these objectives, Vedanta invites Contractors with proven capabilities and demonstrated performance to express their interest to participate in the Competitive Bidding Process for the Integrated Core Studies services/supply capturing the following categories: -

Category	Description
Integrated Core Studies	
➤ Core Handling and Preservation	This scope of work and technical specifications for the provision of Core handling and preservation includes experienced manpower for Core catching, handling, marking, preparation(cutting) into 1 meter or similar sections and taking core photos at rig site. Acquiring Core gamma, Core preservation which includes Core stabilization and appropriate packing for rough handling at rig site. Well site Core plugging and preservation which includes provision for taking both horizontal and vertical core plugs (plugging can be at different location in India) in consolidated and unconsolidated formation. Transportation of core boxes from/to rig site/Core-House to Core store/Lab/Port in India.
➤ Core Analysis (RCA & SCAL)	This scope of work and technical specifications for the provision routine core analysis as well as special core analysis on conventional rock samples (plug/whole-core), cuttings and field samples, side-wall core, along with any associated outcrop field samples that may be relevant. Core Analysis will involve routine job specially on porosity, permeability, grain density, water saturation measurements along with special analysis for rock mechanical tests, relative

permeability, capillary pressure, NMR core lab. Studies, formation damage, core flood experiments, etc. The Contractor may send samples for examination, preparation and analysis to locations outside of India under the direction and with the explicit permission of the Company.

➤ **Reservoir Characterization**

This scope of work and technical specifications for the provision of specialist geological consulting services to the description of conventional rock cores, cuttings and field samples, including petrographic and other analytical services, side-wall core samples, along with any associated outcrop field samples that may be relevant.

Description of conventional rock cores, cuttings and field samples will be done in India as required and specified by the Company. For work undertaken by the Contractor under the provisions of this contract requiring specialist analytical sample preparation and analysis, including petrography, SEM, XRD-XRF, Biostratigraphy, Inorganic geochemical measurements and other detailed analysis as may be requested, the Contractor may send samples to locations outside of India under the direction and with the explicit permission of the Company.

➤ **Production Technology Lab. Studies**

This scope of work and technical specifications for the provision of Production Technologies laboratory studies for assessment & mitigation of issues of Formation damage, Scaling, Emulsion, Wax & asphaltenes, corrosion, hydro-frac related studies, solubility, fluid compatibility etc.

The Contractor may send samples for examination, preparation, and analysis to locations outside of India under the direction and with the explicit permission of the Company.

In view of the nature of scope, Contractors possessing the following “Specific Criteria” should respond to this notice:

Financial Criteria

- **Turnover-** Turnover in each of the immediately preceding two (02) financial years should be equal to or more than the estimated Average Annual Contract value
- **Net Worth-** Positive net worth in each of the immediately preceding two (02) financial years
- **Liquidity ratio** in each of the preceding two (02) financial years shall not be less than 1

Also, note

- I. Normally standalone financials of the bidding entity only will be considered.
- II. Evaluation will be done only based on the published annual reports / audited financials containing Auditor’s report, Balance sheet, Profit & Loss a/c and Notes to Accounts.
- III. In case of unaudited statements (if there are no audit requirements for auditing of financials as per the local law), the financials shall be accompanied by a certificate from a Certified Accountant. Certificate should also mention the fact that there is no requirement of audit of the financials as per the local law.

All qualifications and exceptions brought out in Auditor’s report and Notes to Accounts would be factored in while undertaking financial evaluation.

Documents to be submitted as a proposal for pre- qualification

1. Letter of intent (on letter head) to participate in the EOI [Expression of Interest] clearly indicating the EOI reference along with company information detailing their nominated management, staff, and business process support.
2. A declaration on bidder's company letter head, signed and stamped by an authorized signatory of the bidder, that the bidder shall be responsible for end-to-end delivery for which the bidder expresses the interest through this EOI.
3. Documents in support of financial capabilities:
 - a. APPLICANTS are requested to submit company's financial performance documents (Audited Balance sheets, Profit and Loss Account & cash flow statement, Auditors Report and Notes to Accounts etc.) for the preceding five financial years. Latest financial statement should not be older than 15 months on the date of submission of response to Expression of interest.
 - Normally standalone financials of the bidding entity only will be considered. However, if Parent Company Guarantee (PCG) is submitted then consolidated financials at the bidding entity level can also be submitted. This should be clearly mentioned in the EOI response.
 - b. In case of unaudited statements (if there are no audit requirements for auditing of financials as per the local law), the financials shall be accompanied by a certificate from a Certified Accountant. Certificate should also mention the fact that there is no requirement of audit of the financials as per the local law.
 - c. Provide information regarding revenue/turnover from business for the last two years.
 - d. List of litigations in last 5 years, if any.
 - e. Declaration specifying that the APPLICANT is not under liquidation, court receivership or other similar proceedings

Technical Criteria

Interested bidders shall have minimum 3 years of work experience in Integrated Core Studies for Oil and Gas fields (including core analysis, reservoir characterization, core handling and preservation & production technology laboratory studies) for reputed international Oil & Gas companies.

The interested contractors should evince interest to participate in the Expression of Interest by clicking on the "**Evince Interest**" link for the corresponding EOI listing on the Cairn website i.e., <http://www.cairnindia.com> within 14 days.