



## EXPRESSION OF INTEREST (EOI) FOR “FIELD DEVELOPMENT PLANNING SERVICES IN OFFSHORE RAVVA BLOCK”

Cairn, Oil and gas vertical of Vedanta Limited is India’s largest private upstream O&G company with operating interest in several producing fields in India contributing ~27% of India’s domestic production. Cairn is the Operator of the Offshore **Ravva Oil and Gas Field** (Andhra Pradesh), on behalf of itself and its Joint Venture (JV) partners, located off the east coast of the state of Andhra Pradesh, India.

Ravva Oil and Gas Field consists of eight un-manned well head platforms installed in 8-15m of water depth. Well fluid produced from the wells in the Ravva Field is sent to the onshore processing terminal via subsea pipelines. A 225 acre onshore processing terminal at Surasaniyanam processes the natural gas and crude oil produced from the Ravva offshore field. After processing, the crude oil is evacuated using an existing SPM system and marine tankers. The gas is sold to onshore buyers.

### **Brief Scope of Work**

Vedanta intends to establish Contingent Resource base of existing hydrocarbon discoveries which are far from existing platforms and finalize the Field Development Plan which shall include evaluation of development options and the selection of the most **viable and low cost** development option (subsurface, well and surface facilities configuration).

To achieve this objective, Vedanta invites global Parties (Oil & Gas Consultants / Oil Field Service Providers / EPC companies), to express their interest for Pre-Qualification to participate in the International Competitive Bidding (ICB) Process for preparation of Field Development Plan (FDP).

Interested Parties are required to demonstrate past experience & strong capabilities for **preparation of Field Development Plan** (FDP) covering subsurface technical evaluation (including but not limited to geological evaluation, seismic evaluation, well testing interpretation and integrated reservoir studies for resource evaluation), well design (including but not limited to drilling design, completion design, and application of production technology for enhancing the well productivity and ultimate recovery) and Basic Engineering & Detailed Design of **surface facilities** (including but not limited to the offshore platforms, sub-sea completion, and subsea pipelines network).

Parties having past experience of developing the FDPs for similar offshore fields and meeting the “Specific Pre-Qualification Criteria” defined below shall respond to this EOI.

**NOTE: APPLICANT** wherever referred to in this document hereafter, shall mean **the Leader of CONSORTIUM** (in case the Parties participate as a **CONSORTIUM** of Oil & Gas Consultants / Oil Field Service Providers / EPC companies) or an Oil & Gas Consultant / Oil Field Service Provider / EPC Company itself (in case the Party participates as an individual company). **APPLICANT** will be required to meet the below mentioned Specific Pre-Qualification Criteria.

### **“SPECIFIC PRE-QUALIFICATION CRITERIA”**

1. **Financial performance:** Minimum annual turnover of the **APPLICANT** in last 2 of financial years shall be equal to or more than USD 750k with positive net worth in each of those financial years

**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 last 2 ( two) financial years. Latest financial statement should not be older than 15 months on the date of submission of response to Expression of interest.

***Additional points to be considered for evaluation of financial performance:***

- Normally standalone financials of the bidding entity only shall be considered. However, consolidated financials at the bidding entity level, if available, can also be submitted. Parent company or Affiliate's financials can be submitted and considered, subject to submission of Parent/ Affiliate company guarantee. This should be clearly mentioned in the EOI response
- In case of **CONSORTIUM**, the financials of the leader of the **CONSORTIUM** (in whose name the bid is submitted) will be evaluated.
- Evaluation will be done only on the basis of the published annual reports / audited financials containing Auditor's report, Balance sheet, Profit & Loss a/c and Notes to Accounts
- 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

2. **Technical capabilities:**

The **APPLICANT** shall demonstrate the following capabilities (directly or as a part of the **CONSORTIUM**) as a minimum requirement to prepare Field Development Plan (FDP).

1. **Field Development Planning:** Preparation of FDP including **subsurface evaluation** (Seismic interpretation, Seismic Reservoir characterization, Multi Attribute analysis, structural interpretation and Depth conversion, GDE and play fairway analysis, Well correlation and static modelling, Resource and Reserve estimation based on dynamic simulation model, Integrated Petrophysical analysis, well and facility network modeling and other relevant integrated sub-surface evaluation based on existing datasets.), **Well Design** (Drilling design, completion design, and application of production technology for enhancing the well productivity and ultimate recovery), Basic Engineering & Detailed Design of **surface facilities** and Project planning & cost estimations, Commercial analysis & economic modelling
2. **Surface facilities development:** Concept Design and Engineering Design (Basic, FEED, Detailed) for offshore facilities e.g. Platforms, sub-sea completions and sub-sea pipelines.

In case of **CONSORTIUM**, the Leader of **CONSORTIUM** must have experience in delivering at least one capability (Field Development Planning/Surface Facility Development) by himself.

Please submit details (as per ANNEXURE 1) of previous experience of carrying out similar projects in last 10 years (the same should be provided for **CONSORTIUM MEMBER** also for the work he is being partnered with).

In case, the **APPLICANT** bids in **CONSORTIUM** arrangement, the **APPLICANT** shall be responsible for coordinating and managing the entire execution of the work.

### 3. Quality

**APPLICANT (Bidder/all members of the consortium)** must have a comprehensive Quality Management system in place.

**APPLICANTS** are requested to submit the following documents related to QHSE:

- a) Quality Management System/ Policy, Manuals and Procedures.
- b) Overall Organogram with specific input to the alignment of the quality checks stages.
- c) Valid ISO 9001: 2008 /2015 (as applicable) certification.
- d) Validation of the specific software that are going to be used.
- e) CV's of key personnel's to be engaged in the project.
- f) In case of consortium the process/ procedure on Quality Assurance / Quality Control exercised over the performing partners by the principle.

### ANNEXURE 1 - SPECIFIC EXPERIENCE RELEVANT TO REQUIRED CAPABILITIES

S. No.	Client Name with Address	Project details	APPLICANT / CONSORTIUM member involved in the project	APPLICANT's or CONSORTIUM member's role & responsibilities	Technical capabilities deployed	Date of Start	Date of Completion	Contract Value
1								
2								

Note: Only completed projects shall be considered for evaluation.

### Documents to be furnished in the Proposal for Pre-Qualification

1. Letter of interest from the **APPLICANT** on their letter head. The **APPLICANT** shall confirm to participate for the complete Scope as per the EoI. Submission of proposal for partial Scope is not permitted.
2. In case of bidding as a **CONSORTIUM**, the division of the complete scope of work shall be submitted along with a Memorandum of Understanding (MoU)/declaration of intent.
3. Financial performance documents as listed in the Pre-qualification criteria 1 (Financial performance)
4. Technical capabilities details as listed in Pre-qualification criteria 2 (Technical capabilities)
5. Quality performance documents of the bidder/all members of the consortium as listed in Pre-qualification criteria 3 (Quality) above.
6. Detailed **APPLICANT** information with organizational structure

7. Complete administrative details such as but not limited to nature of legal entity, registration details, office and site locations etc.
8. List of current contracts under execution with value of contracts and percentage completion
9. Experience of preparing FDP for similar Offshore projects
10. Details of Technical /Managerial resources that will be allocated to this project (name, designation, experience, office location etc.)
11. List of proprietary / patented technologies in Oil & Gas domain developed and implemented
12. Bidders accreditations certificates for design and Quality system.
13. Any other documents in support of APPLICANT's credentials and experience and expertise, relevant to the scope envisaged in this EoI.

The interested Parties should evince interest to participate in EOI within 21 Days of publication of this Expression of Interest.

The interested Parties shall evince the interest by clicking on the "Evince Interest" link against the corresponding EoI listing on Cairn website i.e. [www.cairnindia.com](http://www.cairnindia.com) and submit their contact details online. Further to this, interested parties would be invited to submit their response via Smart Source (Cairn's e Sourcing Platform) within 21 Days from publishing of this EoI. In case of any clarifications, the interested bidders can communicate at [response@cairnindia.com](mailto:response@cairnindia.com)

Kindly note that bidders who have already submitted their interest for this EOI may not evince interest again.