



## **EXPRESSION OF INTEREST (Eoi) FOR CONDUCTING VARIOUS HSE STUDIES AT CAIRN INDIA OPERATING BLOCKS IN THE STATE OF RAJASTHAN, GUJARAT AND ANDHRA PRADESH**

Cairn India Limited (CIL) is involved in oil & gas exploration, processing and transfer of crude oil, gas & condensate. It is having its operating blocks in the state of Rajasthan, Gujarat and Andhra Pradesh of India. The 'Expression of Interest' (Eoi) is sought for conducting various HSE studies for Onshore **RJ-ON-90/1** block, Offshore **Ravva Oil and Gas Field (Ravva)** block and Offshore **CB/OS-2** block, where Cairn India Ltd (CIL) is the operator.

CIL on behalf of its joint venture partner's invites Expression of Interest under National Competitive Bidding ("NCB") process from reputed Contractors with demonstrated HSE performance and proven track record of conducting various HSE studies, in line with best industrial practices and standards. The Contract will be tentatively for Three years period with extension option for six months and may be awarded to more than one Contractor.

### **Work Overview:**

- Following HSE studies have been identified as consultant / agency scope of work. The locations of the studies are divided into two i.e. On-Site and Off-site. On-site study should be carried out at Cairn's corporate office in Gurgaon or Site and Off-site study should be completed in the consultant's office in accordance with the nature of work involved.

#### **1) On site (at CIL Gurgaon Corporate / site office)**

- HAZOP
- HAZID
- Bow tie Analysis & identify the critical barriers
- SIL Classification
- SIL Verification
- F & G system review, optimisation & mapping
- Structured What if analysis
- Simultaneous Operation (SIMOPS).
- OISD Applicable Standards Review

#### **2) Off site (at consultant's office / facility)**

- Fire & Explosion Risk Assessment (FERA) & Emergency Escape and Rescue Analysis (EERA).
- Quantitative Risk Analysis (QRA).
- Emergency System Survivability Assessment (ESSA).
- Noise Mapping.
- Electrical System Safe Operability Review (SAFOP)
- Transport of dangerous goods (LPG, LNG, explosives).
- Thermal (Flare) radiation modelling
- Gas dispersion studies.
- Ground Level Concentration (GLC) study as per Environment Protection Rules, 1986.
- Toxic effects modelling in complex terrain using 3D dispersion modelling techniques.
- CFD modelling for vapour cloud explosions and modelling for jet fire case.
- Final preparation of COMAH (Control of Major Accident Hazard) report / Safety Case Report for MAH / offshore installation in line with UK HSE guidelines and amended Oil Mine Regulations of India.

In view of the nature of the scope, only those Companies meeting the following criteria as a minimum should respond to the EOI:

1. Annual Turnover in each of the immediately preceding two financial years should be equal to or more than the estimated average annual contract value.
2. Positive net worth in each of the immediately preceding two financial years.
3. Liquidity ratio in each of the preceding 2 financial years shall not be less than 0.60.
4. Minimum five years of experience in successful delivery of HSE studies.
5. Minimum worked for five oil & gas companies in last five years.

**Bidders are requested to submit the following pre-qualification documents as a minimum**

1. Letter of interest clearly indicating the project reference
2. Detail Company Information with Organisation structure, List of manpower with CVs of key personnel, support agencies and other facilities & resources.
3. Details of completion of similar type of projects in the last five years under heading:
  - a) Brief scope of work
  - b) Value of work in INR
  - c) Contractual Duration
  - d) Actual completion of Project
  - e) Clients name
  - f) Contact details of the Client (CIL may approach the client directly for the feedback)
  - g) HSE statistics, LTI graph etc.
4. Availability of competent personnel on board to carry out the studies.
5. Availability of licensed softwares.
6. Number of oil and gas clients for which safety study has been successfully carried out in last five years.
7. Capability demonstration for carrying out specified safety studies.
8. Past Track record of similar works executed list with Work order, P.O Copies or LOI copies and Client completion certificates.
9. Details of current commitments - List of all jobs under execution with the value of the Job and percentage completion (with particular emphasis on project of similar magnitude carried out in Oil and gas sector)
10. HSE policy and implementation procedures in line with internationally accepted practices with statistics for last four years.
11. Quality assurance & quality control practices currently in place for the execution of similar work.
12. Company's financial performance documents (Audited Balance sheets and Profit and Loss statements etc.) for last three years.
13. Company registration details, Pan Card, Service tax CST / VAT, details.
14. Documents in support of Health and Safety.
15. Environment & Quality [HSEQ] performance
16. Copies of ISO 9001, 14001, OHSAS 18001 or any other certification as applicable.
17. 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) years. Latest financial statement should not be older than 12 months on the date of Expression of interest.

Following additional points will be considered for evaluation of financial performance:

- a) Normally standalone financials of the bidding entity will 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.
- b) In case of consortium, the financials of the leader of the consortium (in whose name the bid is submitted) will be evaluated. However, consortium partner's financials can also be considered subject to submission of corporate guarantee by such consortium partner. This should be clearly mentioned in the EOI response.
- c) 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.

- d) 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

The interested bidders should evince interest to participate in the Expression of Interest by clicking on the "**Evince Interest**" link against the corresponding EoI listing on the Cairn India website i.e. <http://www.cairnindia.com> and submit their contact details online. Further to this, interested bidders would be invited to submit their response via **Smart Source** (Cairn's e Sourcing Platform). The suppliers would be requested, as a minimum, to submit the above documents and details for prequalification via **Smart Source** within Fourteen (14) days of publication of Expression of Interest.