



**GLOBAL EXPRESSION OF INTEREST (EOI) FOR  
MODULAR ETHANE REMOVAL UNIT FROM NATURAL GAS IN RAJASTHAN BLOCK.**

Cairn India Limited now Merged with Vedanta Ltd is the Operator on behalf of itself and Joint Venture (JV) partner Oil & Natural Gas Corporation (ONGC) Ltd., of the onshore block RJ-ON-90/1 (the "Block") located in Barmer and Jalore district, in the state of Rajasthan, India. The Block contains a number of major oil discoveries including the Mangala, Bhagyam, Aishwariya, Raageshwari and other fields.

CIL intends to install modular skid to reduce the ethane content in its dew pointed sales gas

Operator on behalf of itself and its joint venture partners invites Expression of Interest for below Projects under International Competitive Bidding ("ICB") process from reputed manufactures/ Integrators / Consortium for supply of modular skids to reduce ethane content from dew pointed natural gas. Bidders are free to express interest in either or both for non-cryogenic and cryogenic technologies with demonstrated HSE Performance.

**Project specifications of Natural Gas flow :**

**Inlet:**

Flow: ~ 135 MMSCFD (total)

Inlet gas composition:

C1 = ~ 84%

C2= ~ 11%

C3+= 5%

**Outlet:**

C1 : \_88 % (min)

C2 : < 8 %

C3+ : < 4%

**Scope of Work:**

The scope of work broadly involves design, engineering and supply of all equipment (with internals as applicable), all instrumentation including shutdown valves, analyzers, necessary piping and valves, inspection, FAT, Packing, Shipping, Erection & Installation supervision, Testing, Pre-commissioning and Commissioning support for the package.

**Specific Technical Pre-Qualification Criteria:**

- A) Non- Cryogenic: The Interested Party (Bidder as single entity or as Leader of the Consortium in case interested party is consortium) shall have executed at least one project involving Design, engineering, supply and commissioning of similar ethane removal unit of minimum capacity of 15 MMSCFD (total) in the last 10 years.

- B) Cryogenic: The Interested Party (Bidder as single entity or as Leader of the Consortium in case interested party is consortium) shall have executed at least one project involving Design, engineering, supply and commissioning of similar ethane removal unit of minimum capacity of 15 MMSCFD in the last 10 years.

Only completed projects shall be considered for evaluation. The 10 years mentioned above shall be reckoned from the date of publishing of this EOI.

**Specific Financial Pre-qualification Criteria:**

**Financial**

- a) Net Worth: Positive net-worth in each of the immediately preceding two financial years.
- b) The average turnover of the Bidder in the immediately preceding two financial years should be equal to or more than estimated average annual contract value.
- c) Liquidity Ratio of not less than 0.60 in each of the immediately preceding two financial years.

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 consortium partner.

**The Bidder is requested, as a minimum, to submit the following documents and details:**

1. Letter of interest from Bidder or Leader of Consortium on their Letter Head shall be submitted. For the purpose of Company's assurance on bidder's commitment, the Interested party (Bidder or the Leader of the Consortium) shall provide the signed memorandum of understanding or letter of support confirming that the Bidder shall be willing to execute complete scope as mentioned above on turnkey basis; the scope split between Bidder (and / or his subcontractors) or the Consortium members shall be clearly defined and submitted for information.  
**Note:** In case of bidding as a consortium, the division of Scope of Work shall be submitted along with Memorandum of Understanding (MOU) on a notarized judicial stamp paper duly signed and stamped by legally authorized signatories of all entities forming the consortium. The consortium partners shall submit the details of work of similar nature and magnitude to support the past track record.
2. Detailed contractor information clearly specifying years of experience in similar contracts, organization structure, list of manpower with CVs of key personnel, Plant and machinery list mentioning year of manufacturing, support agencies and other facilities and resources
3. Details of similar supplies in the last 10 years in the format attached herewith – Refer Annexure-1.
4. List of current ongoing contracts of similar nature under execution in the format attached herewith – Refer Annexure-2
5. Project Execution & Management / Planning & Scheduling methodology
6. Demonstrate Technical and Managerial resource availability including engineering and procurement capabilities along with organogram and resource responsibility
7. Demonstrate Fabrication and Testing capacities & capabilities along with list of testing Procedures.
8. Details of service centers in India / Asia / Far East to extend prompt after sales support
9. Health Safety and Environment (HSE) policies, HSE Safety Manual / Procedures, HSE Organogram in-line with internationally accepted practices and HSE performance statistics (LTIFR, FAR, MVAFR) for last five (5) years.

10. HSE certification / accreditation / safety award / reward / recognition received & past experience with CIL
11. Quality Manual, Policies and Procedures, Quality organogram in line with internationally accepted practices along with list of quality trained resources and competency matrix
12. Copies of ISO certifications for ISO 9001, ISO 14001, OHSAS 18001, other statutory certification like DGMS, ASME U stamp , API etc.
13. Procedures/ Systems for subcontractors & vendors evaluation and appointment
14. Reference to demonstrate knowledge & capability for similar jobs under Indian Statutory and Regulatory requirements.
15. Details of litigations in last 5 years
16. Company's financial performance documents (Published Annual Report comprising Audited Balance sheets and Profit and Loss statements , Auditors Report and Notes to Accounts etc.) for last 2 (two) years. Latest audited financial statements should be provided but in no event should be older than 12 months on the date of Expression of interest (Eol).

Note:- Two separate document submissions are required for cryogenic and non-cryogenic option for item 1, 2 3, & 4 above if the same bidder is evincing interest for both the options.

**The following additional details may also be submitted**

- 1 Clearly specify the delivery lead times of all the products/equipment. Include delivery lead times for complete package
- 2 The Bidder shall provide the details of the scalability of the proposed module for future upgrade.
- 3 List partner / preferred sub-contractor OEMs with whom bidder generally collaborates with to provide various elements of the package solution.

The interested Bidders should evince interest to participate in the Expression of Interest by clicking on the "Evince Interest" link against the corresponding Eol 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 Contractor s would be requested, as a minimum, to submit the above documents and details for prequalification via Smart Source within Twenty One (21) days of publication of Expression of Interest.