



Energy for India
CAIRN INDIA LIMITED

**GLOBAL EXPRESSION OF INTEREST (EoI) FOR MODULAR PRODUCTION
FACILITIES FOR RAJASTHAN BLOCK**

Cairn India Ltd. ("CIL") is the Operator of the Rajasthan onshore block on behalf of its Joint Venture partners, Cairn Energy Hydrocarbons Limited and Oil and Natural Gas Corporation (ONGC), of the Contract Area RJ-ON-90/1 at Barmer in the state of Rajasthan. The RJ-ON-90/1 Block contains a number of major oil fields namely Mangala, Bhagyam, Aishwariya and various other discoveries which would be developed over a period of time. The Global 'Expression of Interest' is sought for Modular production Facilities for developments in Rajasthan Block, where Cairn India Ltd (CIL) is the Operator.

CIL on behalf of its joint venture partner's invites interested bidders (Indian and International) with demonstrated HSE performance and proven integration capabilities to express their interest for pre-qualification to participate in an International Competitive Bidding Process (ICB) for Engineering, Procurement, Fabrication, Supply and Commissioning of modular production facilities.

Specific Qualification Criteria:

- i) Bidder shall have executed similar Project in last five (5) years, not less than
 - a) 1 Projects of US\$ 20 Million, or
 - b) 2 Projects of US\$ 10 Million
- ii) Bidder shall bid on either single bidder basis or on Consortium basis.
- iii) Bidder shall not be under liquidation, court receivership or similar proceedings.
- iv) Average turnover of proposed Bidder(s) and the lead in case of consortium shall be US\$ 60 Million in the preceding 3 financial years with positive net worth.

Brief Scope of Work:

The brief scope shall cover the following as minimum to all activities necessary for a successful execution of the contract. The modular facilities shall be fully skid mounted equipment with Structural, Piping, Electrical and Instrumentation facilities. Proven modularization experience, process knowhow and ability to deliver on fast track basis are prerequisites.

- Detail Engineering – Involving multidisciplinary Engineering work such as Process, Piping, Civil, Electrical, Instrumentation, Mechanical, Package Engineering, HSE etc.
- Procurement, Fabrication and supply of Modular Production Facilities
- Precommissioning
- Factory Acceptance Testing (FAT) of facilities
- Commissioning and Site Acceptance Testing (SAT) of facilities
- Demonstrating Process Performance Guarantee during SAT
- Supply of power cables, control cables and E&I bulks in loose for field E&I works
- The scope shall also comprise of Detailed Design, Procurement, Fabrication, Inspection, Testing, Precommissioning and Commissioning of following items:
 - Manifolds, Separator & Scrubbers
 - Indirect Water Bath Heaters
 - Produced Water Treatment Units
 - Flare knockout Drums & Flares

- Storage tanks, Pumping units & Loading Gantry
- Gas Engine and Diesel Generators
- Chemical Injection Skids
- Instrument Air Compressor Skids
- Gas handling & Treatment facilities such as Slug Catchers, Compressors,
- Dehydration Units, Gas Dew Point Control Units, Condensate Stabilization Units, Sweetening, CO2 Removal Units
- Custody Transfer Units
- E House/ Modular substation and control room including supply of electrical Switchgears, UPS, Transformers, Integrated Control system (ICS) panels etc,
- Fire & Gas Detection System
- Fire fighting facilities
- Power Cables, Control cables
- Electrical & Instrumentation (E&I) bulks

In view of the nature of the scope, interested bidders possessing substantial and proven record of performance in executing similar jobs and magnitude should respond to this EOI. Following documents shall be submitted by interested bidders:

- A. Letter of interest with detailed company information
- B. Detail Company Information with Organisation structure, List of manpower with CVs of key personnel, Plant and Machinery list mentioning year of manufacturing, Support agencies and other facilities & resources. Capabilities brochure including details of machinery, manpower and facilities (fabrication yards)
- C. Details of completion of similar type of projects in the last five years under headings:
 - a) Brief scope of work b) Value of work in US\$ 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) Safety Certification / Inspection of plant and machineries h) HSE statistics, LTI graph. i) Completion Certificate
- D. Typical Project Planning and Execution methodology.
- E. List of all jobs under execution with the value of the Job and percentage completion.
- F. Experience of working in remote onshore location & desert terrain.
- G. HSE policy and implementation procedures in line with internationally accepted practices with statistics for last four years.
- H. Quality assurance, Quality manual & Quality control practices currently in place for the execution of similar work.
- I. Company's financial performance documents (Audited Balance sheets and Profit and Loss statements etc.) for last 3 years.

Only those bidders (both Indian & International) possessing substantial and proven record of performance in executing similar jobs and magnitude are requested to submit their Eoi along with pre-qualification documents.

The envelope containing the pre-qualification documents should be subscribed with the title **“Pre-qualification for Modular Production Facilities for Rajasthan block”** and submitted to the below address within fourteen (14) days of the publication of this Eoi.

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