



CAIRN INDIA LIMITED

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**RDG GAS DEVELOPMENT PROJECT
GLOBAL EXPRESSION OF INTEREST (EOI) UNDER INTERNATIONAL COMPETITIVE BIDDING (ICB)
FOR
DESIGN, ENGINEERING, TESTING, SUPPLY, SUPERVISION FOR INSTALLATION AND
COMMISSIONING OF NATURAL GAS COMPRESSORS (BOOSTER COMPRESSORS) PACKAGE
FOR RDG GAS PROCESSING TERMINAL.**

PACKAGE – I

Cairn India Ltd. ("CIL") is the Operator of the onshore hydrocarbon block RJ-ON-90/1 (the "Block") on behalf of itself and its Joint Venture (JV) partners Cairn Energy Hydrocarbon Limited (CEHL) and Oil and Natural Gas Corporation Limited (ONGC), located in Barmer district, in the state of Rajasthan, India. The Block contains a number of major oil and gas discoveries. Raageshwari Deep Gas (RDG) field is a major gas field, located down south of RJ Block. Gas from RDG field is currently processed at Raageshwari Gas Terminal (RGT) located approx. 80 Km from Mangala Processing Terminal (MPT).

Operator invites interested experienced suppliers/ manufacturers/ packagers (Indian and International both) with proven capabilities in design, manufacturing, and testing of integrated packages and demonstrated HSE performance to express their interest for pre-qualification to participate in International Competitive Bidding Process for Supply of Natural Gas Compressor package.

Interested parties shall submit responses for company's evaluation in the following categories:

A. Gas Turbine Driven Centrifugal Compressor

The Scope of Work shall include but not limited to:

- Design, Supply, Installation Supervision, Testing, Pre-Commissioning and Commissioning of gas turbine driven centrifugal Compressor package as per functional specifications and all applicable API standards. The turbine shall have the option to have gas only or dual fuel firing facilities.
- Each Gas Compressor package shall be capable to handle a capacity of 60 - 120 MMSCFD of water saturated Natural Gas (No H₂S, CO₂ < 1%) suitable to compress inlet hydrocarbon gas from a minimum of 3.0 barg to ~ 46 barg. and may be provided as complete integrated package, as per Company's requirement, with all scrubbers, coolers (air cooled), piping, instrumentation & control systems, automated valving, machine protection systems and emission monitoring systems

B. Gas Engine Driven Reciprocating Compressor

The Scope of Work shall include but not limited to:

- Design, Supply, Installation Supervision, Testing, Pre-Commissioning and Commissioning of gas engine driven reciprocating compressor package as per functional specifications and all applicable API and ISO standards. The gas engine shall have the option to have gas only or dual fuel firing facilities.
- Each Gas Compressor package shall be capable to handle a capacity of 10 - 50 MMSCFD of water saturated Natural Gas (No H₂S, CO₂ < 1%) suitable to compress inlet hydrocarbon gas from a minimum of 3.0 barg to ~ 46 barg and may be provided as complete integrated package, as per Company's requirement, with all scrubbers,

coolers (air cooled), piping, instrumentation & control systems, automated valving, machine protection systems and emission monitoring systems

Company is currently evaluating options under both category A & B and shall be finalizing one of the options prior to issuance of Tender.

Specific Pre-Qualification Criteria (Go/No-Go Criteria):

Technical

A. Gas Turbine Driven Centrifugal Compressor:

Interested party shall have designed, manufactured, tested, supervised erection and commissioned at least two similar packages in terms of type of compressor (Centrifugal), driver (Gas Turbine or Gas Turbine with dual fuel firing facility), inlet volumetric capacities (60 - 120 MMSCFD), and similar driver rating corresponding to suction Pr. of 3.0 to 20 barg with minimum compression ratio of 2:1 in last 10 years.

B. Gas Engine Driven Reciprocating Compressor:

Interested party shall have designed, manufactured, tested, supervised erection and commissioned at least two similar packages in terms of type of compressor (Reciprocating), driver (Gas Engine), inlet volumetric capacities (10 - 50 MMSCFD), and similar driver ratings corresponding to suction Pr. of 3.0 to 20 barg with minimum compression ratio of 2:1 in last 10 years.

The 10 year time period mentioned above shall be reckoned from the date of issue of this EoI.

Financial

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

Documents to be furnished in the Proposal for Pre-Qualification

The interested parties are requested, as a minimum, to submit the following documents and details individually for each of the category, as applicable:

1. Letter of interest from interested party on their Letter Head.
2. Detailed contractor information clearly specifying years of experience in supply of similar packages, 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 Gas Compressor Packages manufactured/ supplied 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. Interested party should indicate a delivery period (delivery at site) for manufacturing, supply and commissioning of such Compressor packages and should provide details of actual delivery period for such compressor supplied in last ten years.
6. Project Execution & Management / Planning & Scheduling methodology
7. Demonstrate Technical and Managerial resource availability including engineering and procurement capabilities along with organogram and resource responsibility
8. Demonstrate Fabrication and Testing capacities & capabilities along with list of testing procedures
9. Details of service centers in India / Asia / Far East to extend prompt after sales support
10. 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.
11. HSE certification / accreditation / safety award / reward / recognition received & past experience with CIL

12. Quality Manual, Policies and Procedures, Quality organogram in line with internationally accepted practices along with list of quality trained resources and competency matrix
13. Copies of ISO certifications for ISO 9001, ISO 14001, OHSAS 18001, other statutory certification like DGMS, ASME U stamp , API etc.
14. Procedures/ Systems for subcontractors & vendors evaluation and appointment
15. Reference to demonstrate knowledge & capability for similar jobs under Indian Statutory and Regulatory requirements.
16. Details of litigations in last 5 years
17. Financial performance documents (Audited Balance sheets, Profit and Loss statements etc.) for last two (2) years.

EOI submission shall be complete with the above requested information.

The interested parties 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 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). The interested parties would be requested, as a minimum, to submit the above documents and details for prequalification via Smart Source within **twenty one (21) days** of date of publication of Expression of Interest.

