



**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 AND SUPERVISION FOR INSTALLATION & COMMISSIONING OF FINGER TYPE SLUG CATCHER PACKAGE FOR RDG GAS PROCESSING TERMINAL**

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) is a major gas field, located down south of RJ Block. Gas from RDG is currently processed at Raageshwari Gas Terminal (RGT) located approx. 80 Km from Mangala Processing Terminal (MPT).

The Operator invites interested experienced suppliers/ manufacturers (Indian and International both) with demonstrated HSE performance and proven quality and delivery capability to express their interest for pre-qualification to participate in International Competitive Bidding process for Supply of Finger Type Slug Catcher package.

The Finger Type Slug Catcher package shall be installed in the upstream of the new Gas Processing Terminal at Raageshwari to handle well fluid (HC Liquid + HC Gas + Water) from intra-field pipeline network. The package shall consist of the Inlet distributor, Fingers, Liquid leg for Hydrocarbon condensate and water separation, and Sand/ Solid particle filters for Produced water along with all associated systems.

#### **The Scope of Work shall include but not limited to:**

- Design, Supply, Installation Supervision, Testing, Pre-Commissioning, and Commissioning of Finger Type Slug Catcher package as per functional specifications and all applicable API standards.
- The package shall be capable to handle well fluid - Gas: 120 MMSCFD , Condensate > 10000 BPD, Water > 2000 BPD with arrival pressure of ~ 350 kPag and designed to accommodate minimum slug volume of 500 barrels.
- The package shall be provided as complete unit including but not limited to all necessary equipment, structures, interconnecting process and auxiliary piping & valves, Safety & Process instrumentation and control system, and any other necessary items required for safe and continuous operation of the package.

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

##### **Technical**

- a. Interested party (or in case, the Interested Party is in Consortium arrangement, then in such scenario, the Lead member of the Consortium) shall have designed, engineered, manufactured, supplied, tested, and supervised erection of at least two similar Finger Type Slug Catcher package of minimum Gas handling capacity of 60 MMSCFD each with arrival pressure of minimum 300 kPag and minimum slug volume of **250** barrels in last 10 years as on the date of issue of this EoI. Supplied package shall broadly consist of Inlet distributor, Fingers, Liquid leg for liquid separation, and Sand/ Solid particle filters for Produced water along

with all associated systems as an integrated package including all necessary equipment, structures, interconnecting process and auxiliary piping & valves, Safety & Process instrumentation and control system, and any other necessary items.

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

**Note: In case, the Interested Party is in Consortium arrangement, then any member of the Consortium shall be evaluated for Financial Specific Pre-qualification Criteria.**

#### **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:**

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 Finger Type Slug Catcher 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 Finger Type Slug Catcher package and should provide details of actual delivery period for such units 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 its base 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.