



## CAIRN INDIA LIMITED

(Incorporated in Mumbai, India – U11101MH2006PLC163934)

(INTERNATIONAL COMPETITIVE BIDDING)

### **GLOBAL EXPRESSION OF INTEREST (EOI) FOR SUPPLY OF MODULAR SKID MOUNTED POLYMER SOLUTION UNIT, PRE-ENGINEERED BUILDINGS, ELECTRICAL POWER HOUSE, PUMPS AND RTP PIPES FOR RAJASTHAN BLOCK**

Cairn India Ltd (“CIL”) is the Operator of the Onshore RJ-ON-90/1 block, on behalf of itself and its Joint Venture (JV) partners Cairn Energy Hydrocarbons Limited (CEHL) and Oil and Natural Gas Corporation Limited (ONGC), located in Barmer district, in the state of Rajasthan, India. The Block contains number of major oil discoveries, including the Mangala, Bhagyam and Aishwariya Fields and various other discoveries which would be developed over a period of time. The ‘Expression of Interest’ is sought for developments in Rajasthan Block, where Cairn India Ltd (CIL) is the Operator.

CIL has also implemented chemical EOR process at Mangala field which will increase the oil recoveries and intends to execute EOR in other fields.

CIL on behalf of its joint venture partner’s invites interest bidders (Indian and International) with demonstrated HSE performance to express their interest, with the pre-qualification documents, to participate in an International Competitive Bidding Process (ICB) for Supply of Spoolable type Reinforced Thermo Plastic (RTP) Pipes and Supervision for Installation & commissioning for Rajasthan block

#### **Package F: Supply of Spoolable type Reinforced Thermo Plastic (RTP) Pipes and Supervision for Installation & commissioning**

##### **Brief Scope of Work**

The scope of work involves supply of spoolable type RTP pipes and supervision for installation and commissioning.

##### **Technical Requirements**

- Pipe Type : Spoolable Type Reinforced Thermoplastic (RTP) Pipes
- Configuration : Inner Layer (Pressure Barrier) + Structural Layer (Reinforcement) + Outer Layer (External Protective Layer). The pipe spools duly supplied & fitted with suitable end-fittings/flanges/couplers for field-connections.
- Primary Specification : API-17J / API-17B / API-15S
- Sizes : 2” to 8”
- Length : Various segments (Cumulative Approx. 15 km)
- Operating Pressure : Corresponding to 600# Class Rating
- Operating Temp. (°C) : 70 °C to 80 °C
- Grade/Thickness/Layers : As per Manufacturer’s Standard to meet Service Requirement
- Installation : Onshore (trenched & Buried)

### **Specific Pre-Qualification Criteria:**

- (i) The Bidder shall be a reputed manufacturer of “Spoolable type RTP Pipes” as per API Spec 15S / API Spec 17J and shall have an established product qualification as per applicable API Spec.
- (ii) The Bidder shall have successfully manufactured and supplied from its proposed manufacturing unit at least one single order of **size 6” or above and length 5 km minimum** (comprising multiple reels) of Spoolable Type RTP Pipes, **which are equal or higher in terms of Pressure /Temperature as specified above**, meeting applicable API Spec requirements, in the last five years (5 years), reckoned from the date of publication of current EOI proposal. Only completed orders shall be considered.
- (iii) Turnover in each of the two preceding financial years shall be equal or more than the estimated value.
- (iv) Net worth of the Contractor should be positive in each of the immediately preceding two (2) financial years.
- (v) Liquidity ratio of the Contractor in each of the preceding two (2) financial years should not be less than 0.60.

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

1. Letter of interest from Contractor on their Letter Head clearly stating the package reference
2. 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 completion of high value similar projects in Petro Chemical / Refinery / Oil & Gas projects in the last five (5) years under headings:
  - a) Brief scope of work
  - b) Value of work in INR / USD
  - c) Contractual Duration
  - d) Actual completion of Project with Completion Certificates
  - e) Clients name
  - f) Contact details of the Client
  - g) Safety Certification / Inspection of plant and machineries
  - h) HSE statistics, LTI graph etc.

Note: only completed projects on or before EOI submission date shall be considered for evaluation.

4. Specific Execution Strategy outlining Design, Engineering, Procurement, Project controls, Manufacturing/Fabrication, Commissioning functions along with geographical locations for each of the functions. Also provide Technical Catalogue with lead time in line with the project requirement for supply of above items.
5. Details regarding manufacturing/fabrication capabilities for above items
6. Details of In-house Engineering Resources / Alliance Partnership with Engg firms /Engg Softwares / Tech support Availability
7. Details of In-house Manufacturing/Fabrication division handled similar type of projects / Fabrication and Testing Capacities & capabilities.
8. List of current contracts of similar nature under execution with the value of the Contract and percentage completion. Clear Mentioning of spare workload capacity which shall ensure that the project would be completed in schedule.

9. Health Safety and Environment (HSE) policies, HSE Safety Manual / Procedures, Organogram in line with internationally accepted practices with statistics for last three (3) years.
10. LTIFR track record for last three (3) years.
11. Quality Manual, Policies and Procedures, Organogram in line with internationally accepted practices.
12. Copies of ISO certifications for ISO 9001, EMS 14001, OHSAS 18001 etc.
13. Financial performance documents (Audited Balance sheets, Profit and Loss statements etc.) for last two (2) years.
14. Details of current and projected commitment.
15. Information regarding any current litigation in which the Contractor is involved

**The following additional details shall be required only for Package F:**

- 1 **Bidder's experience in support of "Specific Pre-Qualification Criteria"** clearly tabulating the following:-

- (i) Name of the Qualification Project
- (ii) Diameter/Length/Service/Material of Pipeline
- (iii) Location & Client
- (iv) "Month/Year of Award" and "Month/Year of Completion"
- (v) Contract Value
- (vi) Documentary Evidence of quoted project - Letter of Award / Contract, Completion Certificate.

Only the "Completed Projects" shall be submitted for "Pre-Qualification".

- 2 **Bidder's Past Track Record / Experience history:** - Submit the Past Experience history of last 5 years reckoned from date of publication of this EOI. The past experience shall be tabulated with following information as a minimum:-

- S. No.
- Name of the Project
- Client/Purchaser
- Diameter/Length/Service/Grade/Type of the Line pipe supplied
- Month/Year of Award
- Month/Year of completion of delivery
- Contract Value

The past experience table shall be supported with Letter of Award & Completion Certificates.

- 3 **Bidder's brief EOI proposal:-** Following items shall be clarified:-

- RTP Pipe (Model) proposed for 2" – 8" Size Pipes respectively (considering the specified pressure and temperature conditions)
- Pipe cross-section details and description of Inner layer, outer layer and reinforcement layer (Considering the specified pressure and temperature conditions)
- Minimum bend radius for each size
- Pipe/Fitting Jointing Methodology
- Physical properties (Thermal insulation properties, Friction factor etc.) for the offered Pipes.
- Constructability review explaining the method of installation of the Spoolable pipe, suggested pipeline spool lengths, tie-in methods, incorporating branch connections, pigability of pipeline, testing, repair etc.
- Location of Manufacturing Plant proposed for current project.
- Bidder's confirmation to supply of necessary tools and tackles and expertise supervision during field installation and commissioning.

The interested Contractors 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 Contractor s 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 Fourteen (14) days of publication of Expression of Interest.