



**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 E-House with Installation and Commissioning services for Rajasthan block.

**Package C: Supply of E-House with Installation and Commissioning services**

The Contractor shall have demonstrated capabilities in Process Design, Detailed Engineering, Procurement, Fabrication and Commissioning of E - House Unit for polymer injection in oil and gas facilities

**Brief Scope of Work & Technical Requirements:**

Electrical Power House shall be walk-in type, weatherproof / dustproof building made of corrosion resistant steel, typically comprising of following:

- 1) Up to 33kV, 630A, 25kA for 1 Sec Switchgear
- 2) Oil filled type 33kV/433V transformers up to 3MVA capacity with earth fault limiting resistor
- 3) Oil filled type 33KV/6.9KV transformer up to 2 MVA capacity with earth fault limiting resistor
- 4) Oil filled type 6.9KV/433V transformer up to 2.5 MVA capacity with earth fault limiting resistor
- 5) 6.6KV MV Switchboard up to 1250A, 40KA for 1 Sec.
- 6) 415V Switchboard up to 4500A and up to 100kA for 1 sec comprising ACB, MCCB, MCCB + Contactor motor and power feeders.
- 7) 415V Emergency Switchboard up to 3200A and up to 65KA for 1 sec.
- 8) 415V Sandwich type bus duct up to 4500A and up to 100kA for 1 sec
- 9) Parallel Redundant Uninterruptible Power Supply (UPS) System up to 30kVA rating suitable for 415V, 3ph, 3W input power supply / 240V, 1ph, 2W output power supply with power back-up using ultra-low maintenance Nickel-Cadmium battery.
- 10) Oil filled type 415V/240V transformers up to 250kVA capacity
- 11) Electrical Heat Tracing System Control Panels
- 12) AC/DC Distribution Boards
- 13) Inter-unit power/control/data cabling

- 14) Cable support trays system for internal and external cabling
- 15) Lighting, HVAC, Fire & Gas Detection / Suppression / Alarm, Access Control Systems etc.
- 16) VFD with filters
- 17) Integrated Control System (ICS)

Electrical Power House Package shall be pre-assembled, integrated with equipment & systems and performance tested at manufacturer's facility, shipped in transportable units for rapid re-assembly and commissioning at site.

Bidders shall furnish type test certificates from Central Power Research Institute (CPRI) – India or equivalent, proving guaranteed performance of the Electrical Power House Package at site.

**Specific Pre-Qualification Criteria:**

- Contractor should have supplied, the similar unit or higher, at least to two different companies in past 5 years.
- Turnover in each of the two preceding financial years shall be equal or more than the estimated value.
- Net worth of the Contractor should be positive in each of the immediately preceding two (2) financial years.
- 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 interested Contractors 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 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.