



Energy for India
CAIRN INDIA LIMITED

**GLOBAL EXPRESSION OF INTEREST (EoI) FOR ELECTRICAL POWER HOUSE PACKAGE
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 Electrical Power House package for developments in Rajasthan Block, where Cairn India Ltd (CIL) is the Operator.

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 and installation of corrosion resistant steel containerized Electrical Power House with equipments and systems for Rajasthan block. The scope includes design, engineering, shop fabrication/manufacturing, factory acceptance test, transportation, supply, installation, site acceptance test & commissioning. CIL intends to prequalify bidder for Electrical Power House for which the work scope & prequalification requirements are described below.

Specific Qualification Criteria:

- i) Bidder shall have supplied similar Project in the last five (5) years, not less than
 - a) 1 Project of US\$ 20 Million, or
 - b) 2 Projects of US\$ 10 Million, or
 - c) 3 Projects of US\$ 5 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\$ 40 Million for the preceding 3 financial years with positive net worth.

Brief Scope of work:

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

- 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) 415V Switchboard up to 4500A and up to 100kA for 1 sec comprising ACB, MCCB, MCCB + Contactor motor and power feeders.
- 4) 415V Sandwich type bus duct up to 4500A and up to 100kA for 1 sec
- 5) 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.
- 6) Oil filled type 415V/240V transformers up to 250kVA capacity
- 7) Electrical Heat Tracing System Control Panels
- 8) AC/DC Distribution Boards
- 9) Inter-unit power/control/data cabling
- 10) Cable support trays system for internal and external cabling
- 11) Lighting, HVAC, Fire & Gas Detection / Suppression / Alarm, Access Control Systems etc

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.

Bidders are requested, as a minimum, to submit the following pre-qualification documents and details:

1. Letter of interest with detailed company information
2. Technical Catalogue with lead time in line with the project requirement for supply of above items
3. Lists of similar supplies successfully executed in the last five years and those of currently under execution with delivery performance records, job value, client certification, client references etc
4. Details regarding manufacturing/fabrication capabilities for above items
5. Percentage of total annual capacity currently booked for other projects
6. Quality assurance/control practices and certifications to manufacture such items.
7. Health, Safety and Environment (HSE) policies, certifications, procedures and statistics on HSE performance covering the last 4 years.
8. Company's financial performance documents (Audited Balance sheets and Profit and Loss statements etc.) for last 3 years.

Only those bidders (Indian and International) possessing substantial and proven record in design, engineering, integration, supply and installation of Electrical Power House Package of similar scale with demonstrated HSE performance shall submit their Eol along with pre-qualification documents.

The envelope containing the pre-qualification documents should be subscribed with the title **“Pre-qualification for Electrical Power House Package for Rajasthan block”** and submitted to the below address within Fourteen (14) days of the publication of this Eol.

Head - P&SCM

Cairn India Limited

Ground Floor, Tower A, Paras Twin Tower, Sector Road

Sector 54, Gurgaon -122 002 (Haryana), India

Tel.: +91-124-476 4000 Fax: +91-124-476 4568

E-mail: pscmmba@cairnindia.com