



Energy for India

CAIRN ENERGY INDIA PTY LIMITED

(Incorporated in New South Wales, Australia - ACN 002 066 784)

Global Invitation of Expression of Interest (EOI) for participation in the EPC (Engineering, Procurement and Construction) Tender for Power Generation & Distribution at Mangala Processing Terminal, Barmer - EPC 2

Cairn Energy India Pty Ltd. ("CEIL") is the Operator on behalf of its Joint Venture partners namely Cairn Energy Hydrocarbons Limited and Oil and Natural Gas Corporation (ONGC) for the Contract Area RJ-ON-90/1 at Barmer in the State of Rajasthan (Block). The Block contains a number of major oil discoveries namely Mangala, Bhagyam, Aishwariya, and other fields. The Mangala field is the largest onshore oil discovery in India since 1985. The Mangala field is currently producing 125,000 bopd and the developments of Bhagyam and Aishwariya are progressing well. Mangala Processing Terminal (MPT) is the common processing hub for Mangala, Bhagyam, Aishwariya and other smaller fields.

CEIL proposes to augment the capacity of the MPT by addition of Steam Boilers, Steam Turbine Generator, Condensate Handling and Filtration System, Electric Power Distribution System and all related auxiliaries ("Project"). In view of this expansion of MPT, CEIL on behalf of its Joint Venture Partners seeks an Expression of Interest under International Competitive Bidding Process ("ICB") from reputed contractors (Indian & International) with demonstrated performance for prequalification to participate in ICB for the execution of the Project on EPC basis.

Broad scope for the EPC Contractor shall include verification of the Front End Engineering and Design (FEED) Package, Detailed design, Procurement, Expediting, Inspection, Testing, Construction, Installation, Pre-commissioning, Commissioning and Performance Testing. Major facilities to be developed under this Project are:

- 2 nos of 115 TPH, 45 Barg Steam Boilers including economiser, air preheater, Deaerator, Boiler Feed Water Pumps (3 nos), FD fans and all auxiliaries, integral piping, electrical, instrumentation, burner management system, control and monitoring system and its integration with the existing similar units.
- Extraction and Condensing Steam Turbine Generator (1 no) 12 MW, 11 kV complete with lube oil system, gland vent condenser, associated HP steam piping from boiler to turbine, condensate piping, electrical systems, control system, field electrical and instrumentation and its integration with existing similar units.
- Air cooled Condensator (1 no) for the above STG complete with structural assembly, finned coils, inlet ducting, condensate evacuation system, associated hot well, cold well pumps, electricals, instrumentation and controls as applicable.
- 3 Nos of Electrical Substation buildings along with associated 33 KV/ 11 KV/ 6.6 KV/ 415 V Power and distribution transformers, HV/LV panels, tie-in modifications to existing HV/LV panels, UPS, Battery charger, Power Management System modifications for integrated seamless operation with existing systems.
- 3 Nos of Control Rooms (in the same building as the above substation) for housing control & Instrumentation Systems for the above supply and its integration with existing control system for the scope of supply.
- Additions to the existing steam condensate and filtration system.
- All civil construction, structural, mechanical, piping, electrical, instrumentation, control, telecom, F&G, clean agent system and fire fighting works as required.
- Structural adequacy checks and modifications to accommodate the new piping, electrical and instrument cables.
- Statutory approvals from Boiler Inspector and Electrical authorities as applicable

In view of the nature of the scope, specialist companies (both Indian & International) possessing substantial and proven record of performance in executing similar jobs of this magnitude should respond to this EOI.

Interested companies are requested to submit the following documents and details:

1. Letter of interest with detailed company information like organisation structure, list of resources and manpower available. In case of consortium submission, original agreement between the consortium partners to be submitted stating the roles of the consortium partners for executing the EPC work.
2. List of successfully executed EPC projects with value of approx US \$ 60 million each in the preceding 10 years with details on bids if submitted on single bidder basis or on consortium basis. Details should include:
 - a. Nature of job performed (brief scope of work)
 - b. Value of work in USD
 - c. Contractual duration of the Project
 - d. Actual completion of the Project
 - e. Name of the client/customer
 - f. Contact details of the client/customer (CEIL may approach the client directly for feedback)
3. List of contracts executed in last 10 years and those currently under execution – Illustrative summary of the Projects – Engineering, Procurement and construction expertise.
4. HSE policy and implementation procedures in line with internationally accepted practices with statistics for last four years.
5. Quality assurance and Quality control practices currently in place for the execution of similar work.
6. Company's financial performance documents (Audited Balance Sheets and Profit and Loss Statements etc.) for last 3 years.
7. Annual Turnover of proposed bidder(s) shall be US\$ 90 Million during any of the preceding 5 financial years.
8. Details of any court receivership or similar proceedings.
9. Any other relevant information.

CEIL requests interested bidders to submit their Expression of Interest (EOI) along with associated backup documents within 14 calendar days of publication of this EOI to:

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