



Energy for India

CAIRN ENERGY INDIA PTY LIMITED

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

Global Expression of Interest (EOI) for participation in the EPC (Engineering, Procurement and Construction) Tender for Storage Tanks and Export System at Mangala Processing Terminal, Barmer - EPC 1

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 MPT by addition of Crude Storage Tanks (2 nos), Settling tanks (2 nos), Pumps and Metering skid and related facilities ("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 pre-qualification to participate in ICB process for the execution of the Project on EPC basis.

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

- 2 Nos of Fixed roof Export Crude Storage Tanks (approx 51 metres ID X 12 metres height each) as per API 650 including steam heating coil and appurtenances.
- 2 Nos of Fixed roof Settling Tanks (approx 32.7 metres ID X 12 metres height each) as per API 650 including Steam Heating Coil and Internals, External Degassing Boot in accordance with the design provided.
- 2 Nos of Electric Motor driven vertical can type Export Oil Booster Centrifugal Pumps (100 m³/hr to 350 m³/hr flow range and DP of 515 kPa) with associated auxiliaries, piping, valves, instrumentation and electrical systems.
- 2 Nos of Export Oil Pipeline Centrifugal Pumps (100 m³/hr to 350 m³/hr flow range and DP of 6838 kPa) with associated auxiliaries, lubricant oil and seal system, piping, valves, instrumentation, vibration monitoring, UCP and electrical systems.
- Tank bottom circulation pumps.
- Custody Transfer Metering Skid (175,000 bopd) with sphere ball prover and dedicated controls.
- All civil works associated with tanks including bund walls, structural and mechanical works, piping, electrical, instrumentation, controls, telecom, F&G and fire fighting works as required.
- Interfacing of the new equipment with the existing system.
- Structural adequacy checks and modifications to accommodate new piping .

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 may 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 \$ 30 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\$ 45 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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