



Energy for India

**CAIRN ENERGY INDIA PTY LIMITED**

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

**GLOBAL EXPRESSION OF INTEREST (EoI) FOR 220KV/33KV-11KV,  
100MVA SWITCHYARD AND SUBSTATION WORK FOR MPT CAPACITY  
EXPANSION PROJECT**

Cairn Energy India Pty Ltd. (“CEIL”) is the Operator on behalf of Joint Venture partners CEIL, Cairn Energy Hydrocarbons Limited and Oil and Natural Gas Corporation, 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 discoveries namely Mangala, Bhagyam, Aishwariya and other fields. The Mangala field is the largest onshore oil discovery in India since 1985. The Mangala field development consists of well pad facilities and a processing hub named Mangala Processing Terminal (MPT), which is currently under implementation.

As part of MPT Capacity Expansion Project, it is proposed to avail electric power supply from the Rajasthan State Power Distribution Company. In order to receive the power it is proposed to construct a 220kV/33kV-11kV, 100MVA Switchyard and Substation at MPT. CEIL intends to execute the Switchyard and Substation works through reputed Contractors with proven track record and capabilities in Engineering, Procurement & Construction.

CEIL on behalf of its joint venture partners, invites reputed EHT Substation Contractors (Indian & International) with demonstrated HSE performance to express their interest for prequalification to participate in International competitive bidding for execution of switchyard and substation works.

**PACKAGE: 220KV/33KV-11KV, 100MVA SWITCH YARD AND SUBSTATION WORK,  
(Package Ref. No. EHT/MBA/P1)**

The brief Scope of Work shall be design, engineering, procurement, expediting, construction, inspection, testing and commissioning of substation comprising the followings and qualification requirement as below:

REF. NO.	DESCRIPTION	DETAILS
EHT/MBA/P1	220KV/33KV-11KV, 100MVA Switch yard and Substation work.	<ul style="list-style-type: none"><li>• Design, engineering, procurement, construction, testing and commissioning of substation</li><li>• 220kV/33kV-11kV oil filled transformers up to 100MVA capacity.</li><li>• 220kV Switchyard equipment</li><li>• 33kV Switchboard</li><li>• 11kV Switchboard</li><li>• Integration of switchyard and substation control to existing Power Management System</li><li>• Power Factor Improvement Capacitor System</li><li>• Substation building accessories such as fire protection system, HVAC System etc.</li><li>• Pre-commissioning &amp; Commissioning.</li></ul>

**Specific Qualification Criteria:-**

- Executed at least three similar jobs of value exceeding INR 10 Crores each in last three (3) years
- Average annual turnover for last two (2) years should be INR 30 Crores or more.

Bidders are requested, as a minimum, to submit the documents listed against serial no. 1 to 9

**In addition to the above requested document, bidder shall also submit credentials to support the specific qualification criteria**

1. Letter of interest clearly indicating the Project reference  
Detail Company Information with Organisation structure, List of manpower with CVs of key personnel, Plant and Machinery list mentioning year of manufacturing, Support agencies and other facilities & resources. In case of consortium, original agreement to be submitted clearly stating the roles of the consortium partners for executing the work.
2. Details of completion of similar type of projects in the last five years under headings:  
a) Brief scope of work b) Value of work in US\$ c) Contractual Duration d) Actual completion of Project e) Clients name f) Contact details of the Client ( CEIL may approach the client directly for the feedback) g) Safety Certification / Inspection of plant and machineries h) HSE statistics, LTI graph. i) Completion Certificate
3. Typical Project Planning and Execution methodology.
4. List of all jobs under execution with the value of the Job and percentage completion
5. Experience of working in remote onshore location & desert terrain.
6. HSE policy and implementation procedures in line with internationally accepted practices with statistics for last four years.
7. Quality assurance & Quality control practices currently in place for the execution of similar work.
8. Company's financial performance documents (Audited Balance sheets and Profit and Loss statements etc.) for last 3 years.

CEIL request interested bidders to submit their Expression of Interest along with the requested details within fourteen (14) days of publication of this EOI by email as attached PDF File and via courier to:

**Director – P&SCM**

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