



WE FUEL AMAZING

CAIRN INDIA LIMITED

GLOBAL EXPRESSION OF INTEREST (EOI) UNDER INTERNATIONAL COMPETITIVE BIDDING (ICB) BASIS FOR ONSHORE MECHANICAL, PIPING, ELECTRICAL & INSTRUMENTATION CONSTRUCTION CONTRACT FOR GAS LIFT PRESSURE UPGRADATION PROJECT AT RAVVA OIL & GAS FIELD

Cairn India Ltd. ("CIL") is the Operator of the Offshore **Ravva Oil and Gas Field (Ravva)**, on behalf of itself and its Joint Venture (JV) partners Oil and Natural Gas Corporation Limited (ONGC), Videocon Industries Limited (VIL) and Ravva Oil (Singapore) Pte Ltd. (ROS), located off the east coast of the state of Andhra Pradesh, India. CIL is planning to engage a suitable contractor for (A) Supply of Electrical & Instrumentation Materials and for (B) Mechanical, Piping, Electrical & Instrumentation Construction Works including but not limited to Installation of Gas Engine- Compressors and heavy Static Equipment, Piping & Mechanical Fabrication and Installation works, Electrical & Instrumentation works, Modifications, Inspection & Testing, Painting, Insulation and Commissioning Support for Gas Lift Pressure Upgradation Project at Ravva oil & gas field. The Major packages (e.g. Gas Dehydration Unit and Compressors) and Process & Fire Water Piping materials shall be free issue items for the Construction Contractor.

CIL intends to award an Onshore Construction contract for the above mentioned work. To this effect CIL seeks Expressions of Interest (EOI) from all the potential bidders.

I. Scope of Work :

Cairn India Ltd is the operator of Ravva Oil & Gas Field in the East- Godavari district of Andhra Pradesh. Ravva field contains 8 un-manned wellhead platforms, which are connected to the on-shore terminal through pipelines. Produced fluids are processed at the on-shore terminal.

The scope of work for Onshore ME&I Construction contract shall be including but not limited to Supply of Materials, Hiring of suitable Crane, Installation of Equipments, Modification, Fabrication, Inspection & Testing, Painting and Commissioning support as per description given below:

- a. Arrangement for suitable Fabrication Yard at Ravva Onshore Terminal, Surasani Yanam. Majority of Fabrication work shall be performed at this on-shore Fabrication yard and subsequently these prefabricated items shall be moved to compressor area for installation by construction contractor. Hiring of suitable vehicle for transportation of material from Fabrication yard to work site shall be in the scope of vendor.
- b. Hiring of and mobilization suitable Crane(s) (of capacity more than 200 MT) at site for installation of equipment and structures.
- c. Supply and Installation of 5 MT Capacity Hand-Operated Overhead Traction Crane in the Compressor Shelter. The related drawings & documents shall be provided by CIL.
- d. Installation of equipment and associated structures at site, including but not limited to Gas lift compressors with drive Gas Engines (Skids) and associated equipment, Exhaust Stacks, Suction and Discharge Scrubbers, Lube oil filters , Auxiliary lube oil pump and motor, Fuel gas separator, Air Finned Coolers(AFC), Gas Dehydration Package and associated equipments, Glycol Absorber. Leveling, Centering, alignment and grouting of all the equipments shall be in the scope of



WE FUEL AMAZING

CAIRN INDIA LIMITED

Construction Contractor. These equipments shall be Free Issue items for the Construction Contractor. The related drawings & documents shall be provided by CIL.

- e. Supply of Electrical & instrumentation Items
- f. Installation of Free Issue Electrical & instrumentation Items
- g. Process and Fire Water Piping Materials will be free issue items for the Construction Contractor.
- h. Fabrication (Up to pressure Class #900) ,Complete Non-destructive Testing, Hydro testing , erection thereof as per Tender Document
- i. Erection of Instrumentation and Electrical Materials
- j. Inspection and Testing
- k. Painting & Fireproofing.
- l. Insulation
- m. Pre-Commissioning & Commissioning support with consumables (Nitrogen, Air Compressors, Card Board etc) and requisite number of personnel.
- n. CIL will be carrying out detailed engineering for above works; however construction contractor shall be responsible to carry out any residual engineering as required.

CIL seeks Expression of Interest (EOI) from reputed Contractors with proven quality and delivery capability for Onshore Mechanical, Piping, Electrical & Instrumentation Construction projects. Such reputed and capable contractors are requested to respond to this EOI to meet business objectives.

The Companies are requested, as a minimum, to submit the following documents and details which will serve as techno-commercial pre-bid qualification criteria:

1. HSE Systems:
 - a. For all Onshore Mechanical, Piping, Electrical & Instrumentation Construction projects executed in last 10 years
 - b. HSE Manual/Policy
 - c. Project specific HSE Plan for similar project
2. Letter of interest with detailed company information as follows:
 - a. State the name of the parent Company
 - b. State the name/address/phone/e-mail of the company that would execute the Contract
 - c. If a Joint Venture to be proposed, state the name/address/phone/e-mail of all Joint Venture partners
 - d. Organization structure
 - e. Installation & Commissioning Organization Structure
 - f. Size of Departments
 - g. Procurement system & procedure



WE FUEL AMAZING

CAIRN INDIA LIMITED

- h. Material Control System
 - i. Supply Chain Management System & procedures
3. Company's financial performance documents (including JV partner's financials, if proposed) i.e. Audited Balance Sheets, Profit and Loss Account & Cash Flow Statement for the last 3 years & following details separately;
- a. Company Turnover based on last 3 audited/Financial statements. Bidder average annual turnover for last 3 years shall be US \$ 2.0 MM.
 - b. Bidder must have executed a single contract value of US \$ 1 MM million during any of the last three financial years for similar Mechanical, Piping, Electrical & Instrumentation Construction projects in Oil & Gas Industry Company's
 - c. Net Worth based on last 3 audited/Financial statement
4. Experience
- a. Vendor must have renowned clients in the field of Oil & Gas.
 - b. Vendor shall have minimum 10 years experience in the field of Onshore Mechanical, Piping, Electrical & Instrumentation Construction work
 - c. Vendor must provide lists of similar Onshore Mechanical, Piping, Electrical & Instrumentation Construction projects successfully executed. Vendor shall demonstrate their ability to deliver complete job scope including Installation of Heavy Rotating Equipments like Process Gas Compressors, Turbines, Gas Engines involving hiring of suitable Cranes (of capacity more than 200 MT) and associated High Pressure Piping (of pressure rating up to # 900 Pressure Class), Instrumentation, Electrical and Structural works. Vendor shall attach completion certificates for the projects listed.
 - d. Vendor shall have experience in working at remote locations.
 - e. Vendor shall demonstrate its ability to carry out residual engineering. Vendor shall be familiar with Onshore Oil & Gas codes and standards.
 - f. Details of current commitments
5. Quality Systems:
- a. Copy of current ISO Certificate provided
 - b. Certification of the companies QA system by an accredited certification body
 - c. QMS of the Company
 - d. Bidder shall have availability of latest testing and research facilities with experienced technical specialists.



WE FUEL AMAZING

CAIRN INDIA LIMITED

e. Vendor shall demonstrate the quality of Design & Robustness of equipments to be supplied

6. Delivery Period

Delivery Period shall be less than 24 weeks. Vendor shall confirm the delivery period in its Expression of Interest.

The interested suppliers should evince interest to participate in the Expression of Interest by clicking on the **“Evince Interest” link** against the corresponding EOI listing on the Cairn India website and submit their contact details online. Further to this, interested suppliers would be invited to submit their response via **Smart Source** (Cairn’s e Sourcing Platform). The suppliers would be requested, as a minimum, to submit the following documents and details for prequalification via **Smart Source**

The interested suppliers should evince interest to participate in EOI within 14 days of publication of Expression of Interest.