



## **CAIRN ENERGY INDIA PTY LIMITED**

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

### **Global EOI Under International Competitive Bidding (ICB) Basis For Lump Sum Turn Key Onshore Construction Contract For Gas Lift Pressure Upgradation Project At Ravva Oil & Gas Field**

Cairn Energy India Pty Ltd (CEIL) is the Operator of the Ravva offshore block located on the east coast of India. CEIL is planning to engage a suitable contractor for Supply of Materials including but not limited to 12.5 MT Capacity Overhead Crane, rebar, structural steel, civil, piping, electrical and instrumentation materials, and for Construction Works including but not limited to Land excavation and Back filling, Piling, Equipment foundations, Installation of Equipments, Erection of compressor shelter, 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 shall be free issue items for the Construction Contractor.

CEIL intends to award a Lump Sum Turn Key Onshore Construction contract for the abovementioned work. To this effect CEIL seeks Expressions of Interest (EOI) from all the potential bidders.

#### **I. Scope of Work :**

Cairn Energy India Pty 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 Lump Sum Turn Key Onshore Construction contract shall be including but not limited to Supply of Materials, Hiring & Installation 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 suitable Crane(s) (of capacity more than 200 MT) at site for installation of equipment and structures.
- c. Supply and Installation of 12.5 MT Capacity Overhead Crane in the Compressor Shelter. The related drawings & documents shall be provided by CEIL.

- d. Complete Supply of Civil materials and complete execution of Civil works including In-situ Cast Piling work (around 50 Meter depth) , Foundations of Equipments and Piping (RCC and PCC), Piping support structural work etc.
- e. Complete supply of Structural Materials, welding and erection of structures for Compressor Shelter. The Drawings for compressor shelter and technological structure shall be provided by CEIL.
- f. Complete supply of Structural Materials, welding and erection of technological structures for Air Finned Coolers and other equipments. The Drawings for technological structure shall be provided by CEIL.
  
- g. Installation of equipments at site, including but not limited to Gas lift compressors with drive Gas Engines (Skids) and associated equipments , 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 Construction Contractor. These equipments shall be Free Issue items for the Construction Contractor. The related drawings & documents shall be provided by CEIL.
- h. Installation of Free Issue Electrical & instrumentation Items
- i. Supply of Piping Materials, Fabrication (Up to pressure Class #900) , Non-destructive Testing, Hydro testing , erection thereof as per Tender Document
- j. Supply of Instrumentation Materials and erection thereof as per Tender Document
- k. Supply of Electrical Materials and erection thereof as per Tender Document
- l. Inspection and Testing
- m. Painting & Fireproofing.
- n. Insulation
- o. Pre-Commissioning & Commissioning support with requisite number of personnel.
- p. CEIL will be carrying out detailed engineering for above works, however construction contractor shall be responsible to carry out any residual engineering as required.

CEIL seeks Expression of Interest (EOI) from reputed Contractors with proven quality and delivery capability for Lump Sum Turn Key Onshore 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 Lump Sum Turn Key Onshore 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
  - 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 total turnover shall be at least US \$ 4.0 MM for each of the last three financial years.
  - b. Bidder must have executed a single contract value of US \$ 2.0 million during any of the last three financial years for similar Lump Sum Turn Key construction work.
  - c. Bidders's Net Worth and working capital shall be positive based on last 3 audited/Financial statement
  - d. Return on Equity based on last 3 audited/Financial statement
  - e. Working Capital based on last 3 audited/Financial statement
  - f. State the banker's name, address and Solvency certificate from the bank indicating the credibility limit in financial terms
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 Lump Sum Turn Key Onshore Construction work
  - c. Vendor shall have experience with Cairn Energy / Cairn India / ONGC.
  - d. Vendor shall have experience of working in remote locations.
  - e. Vendor must provide lists of similar Lump Sum Turn Key Onshore Construction projects successfully executed. Vendor shall demonstrate their ability to deliver complete job scope including Piling, Civil Foundation, 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.

- f. Vendor shall demonstrate its ability to deliver complete job scope including supply of 12.5 MT Overhead Crane, Structural, Piping, Instrumentation and Electrical Items and capable of carrying out residual engineering. Vendor shall be familiar with Onshore Oil & Gas codes and standards.
- g. Vendor shall have established document management system in place
- h. Vendor shall have Engineering softwares / tech support to execute LSTK jobs.
- i. Vendor shall have Project Execution & Management / Planning & Scheduling methodology in place.
- j. Vendor shall have qualified & experienced technical / managerial resources in place.
- k. Vendor shall submit completion certificate / feedback certificate from clients in last 5 years.
- l. Vendor shall submit the list of construction equipments required to execute the work like high capacity cranes and associated equipment.
- m. 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. Practicing HSE Policy /Manual is must. ISO 14001 is preferable
- e. Bidder shall have availability of latest testing and research facilities with experienced technical specialists.
- f. Vendor shall demonstrate the quality of Design & Robustness of equipments to be supplied
- g. Vendor shall demonstrate capability and maintaining quality of jobs. Valid ISO9001 certification is preferable.

6. Delivery Period

- a. Delivery Period shall be less than 28 weeks. Vendor shall confirm the delivery period in its Expression of Interest.

The envelope should be subscribed with “Reference No. CEIL/PSCM/EOI/ LSTK Onshore Construction for GLPUP/Ravva/ EOI#1000027549”. All information and documentation shall be provided at address below within 14 days of publication of this EOI by e-mail as attached PDF file and via courier to:

Sr. Manager – P&SCM

Cairn Energy India Pty Ltd

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