



## **CAIRN ENERGY INDIA PTY LIMITED**

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

### **EXPRESSION OF INTEREST (EOI) FOR PROVISION OF OPERATION SUPPORT SERVICES IN RAVVA BLOCK**

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 provision of Operation Support Services for Onshore Oil and Gas Processing Plant and Offshore Platforms in the Ravva Block.

CEIL intends to award a contract for provision of Production Operation Services through Competitive Bidding Process. To this effect CEIL seeks Expressions of Interest (EOI) for provision of Operation Support Services for Onshore Oil and Gas Processing Plant and Offshore Platforms. The plant details are given below:

#### **Offshore:**

- Operation of 8 offshore platforms

#### **Onshore:**

- Oil processing plants (3 trains) including multi phase pumps
- Gas processing plants (2 units)
- Produced water treatment and water injection units
- Crude oil storage and export system
- Utilities & Effluent treatment plant
- Laboratory

#### **Operation of offshore eight platforms:**

##### **Typical units in an offshore platform:**

- Well head
- Test separator & CDD
- Chemical injection units
- Pig launchers / receivers
- Hydraulic well head control panels
- Crane & Diesel generator
- Fire fighting facilities and rescue kits

#### **Operation of onshore plant:**

**Typical units in on shore plant:**

- Crude stabilization units – Train – I, Train – II & Train – III (OLD CSU)
- Multi phase pumps (MPP skid)
- Gas plant – I & 2 including gas compressors, refrigeration and glycol units
- Terminal including pig launchers & receivers
- Hot oil heater unit
- TSGR units – I & II
- Flare – HP-I & II & LP
- Crude oil storage (5 tanks) and oil export pump skids (2 units)
- Produced water treatment plant including Induced Gas Flootation (IGF) units
- Water injection facility – Bore wells, filter skids, injection pumps etc.
- Utilities – Instrument air skids, cooling tower etc.
- API separator and Effluent treatment plant (ETP)
- Fire water pumps – Diesel engine operated and motor operated
- Process control systems and ESD systems
- Laboratory

**Scope of Work:****Services include (but not limited to) the following:**

- Start-up, shut down and normal operation of all the above units / skids
- Periodic monitoring & recording operation parameters (data logging)
- Taking appropriate corrective action in case of plant upsets and abnormal plant conditions
- Safety watch for the assigned plant area during the execution of any work
- Commissioning of new units / equipment / skids, as and when required
- Carrying out pigging operation
- Front line maintenance such as lube oil topping –up, coolant topping up, chemicals charging, strainer cleaning etc.
- Work permit processing and monitoring
- Participating in Job Safety Analysis (JSA) and risk assessment of major activities
- Analysis of all laboratory operation.
- Report preparation / documentation
- Carryout assigned duties allocated by the Fire and Emergency Teams during emergency.
- Carry out any specific work (related to operation) assigned by Production Manager

Operation support services expected from the engineering consultants / manpower service providers in the areas of oil and gas industry but not limited to process, equipment specialists, mechanical, electrical, instrumentation and safety.

**Manpower Requirement:**

- **Operation services 1 (On shore Process):** Twelve production engineers per day (6 persons on day + 6 persons on night, 12 hrs periods each) and seven days in a week.
- **Operation services 2 (Wellhead side):** Five production engineers per day (12 hrs period each) and seven days in a week.
- **Lab chemist service:** Two chemist per day (8 hrs) and six days in a week.

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

**COMMERCIAL :-**

1. Company's financial performance documents (Audited balance sheets and Profit & Loss statements etc) for last 3 years.
2. The contractor must comply to all statutory/licensing requirement as required.
3. The annual turnover of the company for the previous year should be 1 MM USD.
4. The net worth of the company should be positive.
5. Experience in providing Manpower Services in Oil and Gas sector under execution with the value of Contract having the same type of magnitude with a single order value of 0.5 Mn USD or more in a year.

**TECHNICAL :**

1. Company Profile: - Detail company information with Organization structure, client list, CV's of manpower [2 times of actual requirement (34 & 4 nos)] shall be submitted.  
  
For plant operation services: Graduate Engineers (Chemical / Mechanical engineering) with **five to eight years** industrial experience or **Diploma Engineers** (Chemical / Mechanical engineering) with eight **to twelve years** industrial experience in oil & gas industries, refineries, petro-chemical industries or fertilizer plants.  
  
For Lab chemist service: **MSc Chemistry** holder with minimum **three to five** years and with hand on experience on laboratory analysis in oil & gas industries or petrochemical plants or refineries.
2. The personnel engaged for offshore operations shall have undergone sea survival & HUET training prior to employment and certificates shall be submitted to Training Manager / HSE department at the time of reporting at site.
3. Company's HSE Pollicy.
4. Quality assurance and quality control practices currently in place. ISO 9001 is mandatory.
5. Accident/Incident s tatistics for past 5 years.

6. Bidder to have good mobilization record for personnel. Past track record shall be submitted by bidders. Average mobilization period of 15 days is preferable and beyond 30 days is not acceptable.

The envelope should be subscribed with "Reference No. CEIL/PSCM/EOI/Operation Support Services/Ravva/ 100025134 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:

Director – P&SCM

Cairn Energy India Pty Ltd

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