



WE FUEL AMAZING

(Incorporated in Mumbai, India – U11101MH2006PLC163934)

(INTERNATIONAL COMPETITIVE BIDDING)

GLOBAL EXPRESSION OF INTEREST (Eoi) FOR SUPPLY OF POLISHING FILTER PACKAGE FOR RAJASTHAN BLOCK

Cairn India Ltd (“CIL”) is the Operator of the Onshore RJ-ON-90/1 block, on behalf of itself and its Joint Venture (JV) partners Cairn Energy Hydrocarbons Limited (CEHL) and Oil and Natural Gas Corporation Limited (ONGC), located in Barmer district, in the state of Rajasthan, India. The Block contains number of major oil discoveries, including the Mangala, Bhagyam and Aishwariya Fields and various other discoveries which would be developed over a period of time. The ‘Expression of Interest’ is sought for developments in Rajasthan Block, where Cairn India Ltd (“CIL”) is the Operator.

CIL on behalf of itself and its joint venture partner’s invites Expression of Interest under International Competitive Bidding Process (“ICB”) from potential experienced manufacturers (Indian and International both) with proven track record of delivery who wish to receive invitation to tender for Supply of Polishing Filter Package. .

The polishing filters would be installed at Mangala Processing Terminal downstream of the Walnut Shell Filters to achieve the required specifications. The design shall cater to the following requirements:

Inlet Parameters:

- Design Flowrate : 700,000 BWPD
- Inlet Oil in Water : upto 30 ppm
- Inlet Total Suspended Solids (TSS) : upto 20 ppm
- Inlet Oxygen Content : < 10 ppb
- Water viscosity: 2 cP.
- Inlet Temperature of feed: 75- 90 C.

Outlet Parameters:

- Outlet Oil in Water : <5 ppm
- Outlet Total Suspended Solids : < 2ppm
- Outlet Oxygen content : < 10 ppb
- 98% Removal of particles > 2 micron.

General Parameters:

- Design Pressure of the unit : 16 barg
- Operating Pressure – 6-7 bar
- Dry Oil Viscosity @ 70⁰ C :19.5 cP
- Dry Oil Viscosity @ 90⁰ C :10.43.5 cP
- Maximum allowable ΔP : 1 bar

The unit shall also be designed to handle polymer back produced water. The equipment shall be designed for continuous operation with adequate sparing philosophy. Any back wash cycle shall be accounted in design capacity with maximum recycle of water after appropriate treatment which is part of the package. Multiple modular skids envisaged for this package to meet the above design condition.

The scope shall include basic and detailed engineering, procurement and supply of material, fabrication and assembly, shop testing, inspection, painting, marking, preservation/protection, interconnecting / inters skid piping erection supervision, transportation, pre-commissioning and commissioning support etc. All vessels, instruments, electrical items (including motors) shall be engineered and supplied by the bidder.

For design purpose area classification shall be suitable to Zone 2, Gas Group IIA&IIB and Temperature class T3.

Equipment offered shall have at least 3 years continuous operational experience

Only those Companies/consortium meeting the following criteria as a minimum should respond to the EOI:

Polishing Filter Package:

- a. Positive net-worth of at least USD 1.8 MM in each of the immediately preceding two financial years.
- b. Annual average turnover in each of the immediately preceding two financial years should be USD 18 MM
- c. Liquidity ratio in each of the preceding two financial years 0.75
- d. Should have carried out at least two (2) similar projects of value more than USD 5 MM each, or at least one (1) project of value more than USD 10 MM in the last three years, which includes either off-the Shelf or Designed and Manufactured units .

Companies are requested, as a minimum, to submit the following documents and details:

1. Letter of interest along with company/consortium information detailing their nominated management, staff, and business process support to carry out a multi-year, major services campaign for all types of operating facilities.
2. Company's Turnover mentioning on company letter head with supporting documents including audited reports.
3. Lists of similar work successfully executed in the last five years and similar projects/agreements currently under execution along with copies of work orders (With particular emphasis on work carried out with Oil and Gas Operators). Completion certificates/ Feedback certificates along with contact details from the earlier projects shall be provided by the bidders.
4. List of current contracts of similar nature with contact details.
5. List of similar projects in oil & gas with Indian customers.
6. Contractor shall showcase its capability & infrastructure by providing details such as project execution & management/ Planning and scheduling methodology, Technical/ Managerial resources availability, Engg. Software/ Technical support availability, Fabrication & Testing capability and capacities along with Procurement capability, Spare capacity and ability to supply within the project schedule based upon current shop floor loading, Supply base in India / Asia / Middle East to extend prompt after sales support etc.
7. Indicative delivery schedule and indicative foot prints of the package.
8. List of policies, procedures and quality assurance practices currently in place for the execution of similar work.
9. Health, Safety and Environment (HSE) policies, procedures and statistics covering the last 3 years.
10. Contractor's adherence to legal statutory requirement & corporate financial details for last 3 years.
11. Copies of ISO certifications for ISO 9001, ISO 14001, BS OHSAS 18001 etc.
12. No. of ongoing litigation for last 5 Years
13. LTI track record for last 5 Years.

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