



Energy for India

CAIRN ENERGY INDIA PTY LIMITED

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

EXPRESSION OF INTEREST (EOI) FOR SUPPLY OF CUSTODY METERING PACKAGE , GAS TURBINE & CENTRIFUGAL PUMP FOR RADHANPUR & BHOGAT TERMINAL -BSPL PROJECT

Cairn Energy India Pty Ltd. ("CEIL") is the operator of block RJ-ON-90/1 (referred as the "Block") in India, and operates the Block on behalf of itself and its Joint Venture (JV) partners Cairn Energy Hydrocarbons Limited and Oil and Natural Gas Corporation(ONGC). The Block contains a number of major oil discoveries, including the Mangala field, the largest onshore oil discovery in India since 1985. CEIL and its JV partners have approval from Government of India (GoI) for a pipeline to transport crude oil from the Block at Barmer, Rajasthan to a coastal terminal facility in Gujarat. The pipeline project involves an Oil Evacuation Pipeline and Gas Pipeline of approximately 670 km, pumping / terminals and related facilities for the transportation of 1,50,000 to 1,75,000 barrels of crude oil per day from the upstream process terminal at the Mangala field to the downstream terminal point on the Gujarat coast at Bhogat, in Jamnagar District. CEIL intends to issue a purchase order for supply of Custody Metering Package , Gas Turbine and Centrifugal Pump for Radhanpur & Bhogat Terminal in its Barmer Salaya Pipeline (BSPL) project.

Expression of Interest is requested for following equipments:-

ITEM - 1: Custody Metering Package for Crude Oil

API complied, Skid mounted, Crude Oil Custody Metering and fully Automatic Proving System, with Ultrasonic Flow Meters, Automatic Sampling System (Auto Sampler), BS&W Analyser, Valves and accessories, Control room mounted flow computers and station PC for local control panels. The system shall be test bench run for proving all supplied accessories.

Capacity range-

1. Radhanpur Terminal (flow rate 0 to 40000 bopd)
2. Bhogat Terminal - (flowrate 700000 bopd in 24 hrs to offshore tanker).

The whole system should be complete with Structural Skid, fully piped, wired, instrumented and ready for hook up and use with remote read out, computing and printing equipments. In addition a Prover skid complete with Small Volume Meter Prover as per APIMS, Density meter, Pycnometer for Density Proving shall be provided.

ITEM -2: Gas Turbines

1. Natural Gas Turbine Generators of 4MW capacity – **Qty-** 3 Numbers (Approx).
2. Natural Gas Turbine Generators of 5MW to 8MW capacity **Qty-** 3 Numbers (Approx).

ITEM - 3: Bhogat Crude Oil Export - Booster & Main Pumps

1. Crude Oil Export Booster Pumps –

Type: Fixed Speed, Vertical Centrifugal Pumps API610 10th edition
Capacity: 2000 – 2400 m3/hr
Differential Pressure: 600 kPa - 1000 kPa
Qty. 3 Nos. [Approx]

2. Crude Oil Export Main Pumps-

Type: Fixed Speed, Centrifugal Pumps, API610 10th edition
Capacity: 2000 – 2400 m3/hr
Differential Pressure: 1200 kPa – 1500 kPa
Qty. 3 Nos. [Approx]

CEIL seeks Expression of Interest (EOI) from reputed vendors for one or more items as above. Only those companies possessing substantial and proven record of performance in executing similar jobs of this magnitude should respond to this notice. Companies are requested, as a minimum, to submit the following documents and details:

1. Letter of interest with detailed company information.
2. Health, Safety and Environment policies, procedures and statistics covering the last 3 years.
3. Proposal on how and within how much lead time bidder is expected to meet supply of above item.
4. Details of facilities with details related to their manufacturing capacity and quality standards.
5. Lists of similar supply successfully executed in the last five years and those of currently under execution. (With particular emphasis on project of similar magnitude carried out in Pipelines in Oil & Gas sector).
6. List of policies and procedures currently in place for the execution of similar work.
7. Company's financial performance documents (Audited Balance sheets and Profit and Loss statements etc.) for last 3 years.

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:

Deputy General Manager - Contracts
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