

**GLOBAL EXPRESSION OF INTEREST (EoI) UNDER INTERNATIONAL COMPETITIVE BIDDING (ICB) BASIS  
FOR "PROVISION FOR ENERGY SAVINGS THROUGH MICROTURBINES AND AIR-PREHEATERS AT  
RAJASTHAN RJ-ON-90/1"**

Vedanta Group has \$30bn revenue and \$10bn profit and further plans to invest \$20bn in next 4-5 years for the expansion of brownfield capacity and setting up green field capacity for oil & gas, renewable energy, display glass, semiconductor, mining and smelting. Vedanta is one of the leading players in the market.

Cairn Oil & Gas, Vedanta Ltd., is India's largest private oil and gas exploration and production company having current interest in 62 blocks and accounting for more than a quarter of India's domestic crude oil production and a vision to produce 50% of India's oil and gas production. In this regard, Cairn has embarked on an exciting growth journey to achieve world class recovery factors in our diverse reservoirs in the Rajasthan basin.

Cairn Oil & Gas 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. Cairn Oil & Gas holds 70% participating interest in the block which contains 38 major oil and gas discoveries.

The Operator on behalf of itself & Joint Venture (JV) partner(s) invites interested contractors with proven capabilities and demonstrated performance in similar requirement to express their interest to participate in the International Competitive Bidding Process for "PROVISION FOR ENERGY SAVINGS THROUGH MICROTURBINES AND AIR-PREHEATERS AT RAJASTHAN"

Scope of Work shall broadly include:

- EPC (Engineering procurement and commissioning) of Microturbine, generators and related accessories for power step up and synchronization with existing PMCC. Total capacity approximately 1.6 MW (.8 mw\*2) which shall operate on MP steam.  
Two numbers of Micro turbine generators of 0.8 MW design capacity producing total of 1.6 MW, operating on MP steam in backpressure mode which will provide exhaust LP steam to plant consumers. Micro turbine inlet MP steam parameters: - Pressure 7 Bar (g), Flow 70-80 TPH and Temperature 230-238 deg. C, Turbine outlet parameters: Pressure 3 bar(g) and Temperature 145 Deg C.
- EPC (Engineering procurement and commissioning) of 3 Steam coil Air pre-heater for pre-heating the combustion air.  
Three numbers of steam coil air preheaters (SCAPH) to be installed in the FD fan discharge air duct of boiler which will preheat the combustion air using the LP steam of 3 Bar and temperature 135-145 deg C. SCAPH steam requirement total is 9 - 10 TPH (considering ambient temperature of 35 deg. C). SCAPH outlet condensate pressure is required 4-5 Bar, hence suitable condensate transfer pump (steam driven) to take condensate back in system.

Both systems Micro turbine generators with auxiliaries & SCAPH with auxiliaries Design, Detailed Engineering, Manufacturing, Testing, Supply with statutory requirement and IBR certification.

Vendors can express their interest for any or all the services mentioned above, which they can provide.

Interested companies / consortiums meeting following criteria should respond to this EoI:

## 1. TECHNICAL & FINANCIAL CRITERIA: -

1. Contractor shall have BOOT experience in atleast one successfully executed power augmentation Contract with power generation capacity of 1.35 MW and operated Captive power plant with minimum capacity of 60 MW in Oil & Gas industry in past 3 years.
2. Turnover in each of the immediately preceding two financial years should be equal to or more than the estimated average annual contract value.
3. Positive net worth in each of the immediately preceding two financial years.
4. Liquidity ratio shall not be less than 1 in each of the preceding Two (02) financial years.

### Note:-

- i. Normally standalone financials of the bidding entity only will be considered. However, consolidated financials at the bidding entity level, if available, can also be submitted. Parent company or Affiliate's financials can be submitted and considered, subject to submission of Parent/ Affiliate company guarantee. This should be clearly mentioned in the EoI response.
- ii. Where the bidding entity is unable to meet the Financial Evaluation Criteria, Parent/Holding Company Audited Financials can be considered, subject to:
  - a) Submission of Financial guarantee in the form of 10% Bank guarantee of contract value.
  - b) Commitment Letter from Parent/Company to provide financial support to the bidding entity.
- iii. Consortium will not be considered for this requirement.
- iv. Evaluation will be done only on the basis of the published annual reports / audited financials containing Auditor's report, Balance sheet, Profit & Loss a/c and Notes to Accounts.
- v. In case of unaudited statements (if there are no audit requirements for auditing of financials as per the local law), the financials shall be accompanied by a certificate from a Certified Accountant. Certificate should also mention the fact that there is no requirement of audit of the financials as per the local law.
- vi. All qualifications and exceptions brought out in Auditor's report and Notes to Accounts would be factored in while undertaking financial evaluation
- vii. Latest audited financial statement should not be older than 12 months from the date of EoI.

## 2. Quality, Health, Safety and Environment (QHSE):

Applicant (Bidder/all members of the consortium) must have a comprehensive Health, Safety and Environmental Management system in place.

Applicants are requested to submit the following documents related to HSE in tender:

1. Quality and HSE Management System/ HSE Policy, HSE Manuals, procedure and sample HSE plan for similar nature of job.
2. HSE statistics – fatality rate, LTIFR etc for the last 5 years

The interested contractors should evince interest to participate in the Expression of Interest by clicking on the “[Evince Interest](#)” link for the corresponding EoI listing on the Cairn Website i.e. <http://www.cairnindia.com> and submit their contact details online within 7 days from the date of publishing



of this EoI. Further to this, interested contractors would be invited to participate in the tender via Smart Source (Cairn's e Sourcing Platform).