



GLOBAL EXPRESSION OF INTEREST (EoI) UNDER INTERNATIONAL COMPETITIVE BIDDING (ICB) BASIS FOR PROVISION OF SERVICES OF CHLORINE DIOXIDE GENERATOR AND PUMPING PACKAGE & SUPPLY OF ASSOCIATED CHEMICALS (CL₂, HCL ETC.) FOR THE RESTORATION OF INJECTIVITY / PRODUCTIVITY INDEX IN MBA FIELD

**SERVIVE BLOCK:
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. 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. Cairn Oil & Gas has a vision to achieve 50% of India's crude production and contribute to India's energy security. 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.

The Mangala oil field started its production in 2009 and from very start of its production, hot waterflood was implemented and full field polymer flooding was started in 2015 to improve sweep efficiency. With an active polymer flood for last 7 years, steep decline in well productivity index (PI) / Injectivity Index (II) is observed due to severe polymer plugging and deposition in near wellbore region, perforations, and wellbore. During well intervention activities it has been observed that polymer mixed with paraffin and mineral scales form agglomerates and frequently choke artificial lift downhole, making them inefficient and requiring frequent replacements. Due to polymer injection injectivity of injector wells has declined severely.

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 (ICB) Process for the **services of Chlorine Dioxide Generator and pumping package & supply of associated chemicals (cl₂, hcl etc.) for the restoration of injectivity/productivity index in MBA field.**

Scope of work shall broadly include:

- To provide chlorine dioxide generator & pumping package which includes relevant equipment for generation of 3000 ppm Chlorine Dioxide solution by mixing Hydrochloric acid & Sodium Hypochlorite in 1st stage of mixing and Sodium Chlorite in 2nd stage of mixing. It is based on the principle of water-driven **eductor venturi**.
- Bidder to provide necessary HSE guideline for pumping of chemical such as HCL and 3000 ppm of Chlorine Dioxide solution.

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

1. Contractor to have a minimum 05 years experience in the following focused areas:
 - a. Chlorine Dioxide pumping in Oilfield (Injector and Producer wells) across the globe.

- b. Proven Track records and HSE records for pumping Clo₂ / Acid and various oxidizer in oilfield.
 - c. Supervisor/Operator to have more than 5 years of experience in pumping and handling of Clo₂ in oilfield operations.
- 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. 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.
- iv. 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.
- v. All qualifications and exceptions brought out in Auditor's report and Notes to Accounts would be factored in while undertaking financial evaluation
- vi. Latest audited financial statement should not be older than 12 months from the date of EoI.

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 14 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)..