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**GLOBAL EXPRESSION OF INTEREST (EoI) UNDER INTERNATIONAL COMPETITIVE BIDDING (ICB) FOR  
PROCUREMENT OF ELECTRICAL POWER HOUSE AND 33KV GIS RMU**

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Vedanta Limited (Division # Cairn Oil & Gas) is the Operator at onshore block RJ-ON-90/1 located in Barmer & Jalor Districts in the state of Rajasthan; Offshore block CB/OS-2; located off the west coast of the state of Gujarat; Offshore Block Ravva Oil and Gas Field (Ravva), located off the east coast of the state of Andhra Pradesh.

Vedanta Limited (Division # Cairn Oil & Gas) 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 for pre-qualification to participate in the International Competitive Bidding Process for "PROCUREMENT OF ELECTRICAL POWER HOUSE AND 33KV GIS RMU".

**Broad Scope of Work**

**1. ELECTRICAL POWER HOUSE - CONTAINERIZED SUBSTATION / CONTROL ROOM**

Design, Engineering, Procurement, Supply, transport, erection on foundation and supervision of testing / commissioning at site for Containerized Substation which shall be walk-in type, weatherproof / dustproof building made of corrosion resistant galvanized steel comprising followings:

- Up to 33kV, 630A, 40kA for 1 Sec Indoor GIS Switchboard with CT, PT, MFM, Relays, etc, and incomers, buscouplers, bus PT and outgoing feeders
- 415V Switchboard up to 4500A and up to 100kA for 1 sec comprising ACB, MCCB, MCCB + Contactor motor and power feeders.
- Parallel Redundant Uninterruptible Power Supply (UPS) System up to 30kVA rating 240V, 1ph, 2W output power supply with power back-up using ultra-low maintenance Nickel-Cadmium battery.
- AC/DC Distribution Boards
- Inter-unit power/control/data cabling
- Cable support trays system for internal and external cabling
- Battery Room
- LED Lighting, Transformers, HVAC, Fire & Gas Detection / Suppression / Alarm, Access Control Systems etc

Electrical Power House Package shall be pre-assembled, integrated with equipment & systems and performance tested at manufacturer's facility, shipped in transportable units for rapid re-assembly and commissioning at site.

**2. 33 KV GIS RMU**

The scope includes supply, along with related design, engineering, shop fabrication/manufacturing, testing delivery, installation, testing & commissioning at site (As applicable) of 33KV GIS RMU with following Specification:

- 33KV, 50Hz, 3P, 3W, 630A, 25KA (1 sec.) GIS RMU, outdoor type (IP54 / IP55), comprising Load break Switches and Circuit breakers.
- The enclosure shall use SF6 as insulating medium and vacuum/SF6 as arc quenching medium.
- RMU shall be provided with necessary take off terminal points for automation.
- RMU shall be considered with copper bus bar complete with all control, indication, metering and transformer protection functions.
- RMU shall have incomers and outgoing feeders of any type of combination of breakers / LBS/ isolators with CT, PT, numerical relays with disturbance recording facility, etc. as required.

**Interested companies meeting following criteria should respond to this EOI:**

**Financial (Go/No Go) Criteria:**

1. Turnover in each of the immediately preceding two financial years should be equal to or more than the estimated contract value.
2. Positive net worth in each of the immediately preceding two financial years.
3. Liquidity ratio in each of the preceding Two (02) financial years shall not be less than 1.0.

**Technical (Go/ No Go) Criteria:**

1. Bidder shall have supplied similar item in the last five (5) years.
2. Bidder shall have valid type test report conducted in CPRI or equivalent, proving guaranteed performance of the switchgear panel at site.
3. User satisfaction certificates for the same product (at least from 2)

The interested suppliers 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. Further to this, interested suppliers would be invited to submit their response through RFI via Smart Source (Cairn's e Sourcing Platform). The suppliers would be requested, as a minimum, to submit the documents and details for prequalification via Smart Source within 15 days of publication of this EOI.