



Energy for India

CAIRN ENERGY INDIA PTY LIMITED

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

GLOBAL EXPRESSION OF INTEREST FOR SUPPLY OF SOFTWARE AND IMPLEMENTATION SERVICES FOR INTEGRITY MANAGEMENT SYSTEM - BASED ON RISK BASED INSPECTION STRATEGY

'Global Expression of Interest' is sought for three operating assets of the Company.

- RJ-ON-90/1 block located in the State of Rajasthan, India where Cairn Energy India Pty Ltd ('CEIL') is the Operator, on behalf of Joint Venture Partners Cairn Energy Hydrocarbons Limited and ONGC. Subsequent to several successful oil & gas discoveries in the area, CEIL is in the process of development of the Mangala Oil and Raageshwari Gas Fields. Production has already commenced in 2009. The Mangala Processing Terminal processes the crude oil & transports the oil to the Gujarat coast via a 660 Km long 24" diameter pipeline. Raageshwari Terminal processes the gas & accompanying condensate for transporting to Mangala Processing Terminal (MPT) / Export Pipeline.
- CB/OS-2 block located on the west coast of India where Cairn Energy India Pty Ltd (CEIL) is the operator, on behalf of Joint venture partners CEIL, ONGC & Tata Petrodyne Ltd. Oil and gas produced from three offshore platforms is transported to the onshore processing terminal situated at Suvali, Hazira near Surat via a 35 km long 24 " diameter pipeline.
- Ravva block located in the east coast of India in the state of Andhra Pradesh where Cairn Energy India Pty Ltd. (CEIL) is the operator of the offshore field on behalf of Joint Venture Partners. The offshore facilities consist of eight well head platforms, production, injection fluid pipelines and SBM system for crude loading. The processing plant is located at Surasaniyanam, 1 km from coast, to treat produced well fluids, injection water and to transport crude and gas.

CEIL seeks Global Expression Of Interest under International Competitive Bidding Process ("ICB") from Software Supplier and Implementation Agency (Indian and International both) to provide Integrity Management System including Risk Based Inspection software. Scope includes off-the-shelf solution with enhancement possibility, installation and implementation services including training and rollout of systems that will support the strategy and approach of Risk-based Inspection (RBI) for onshore and offshore production systems.

Contractors meeting the following requirements are eligible to apply:

- Proven track record in providing such software and similar services in hydrocarbon industries.
- Experienced in at least three implementation cycles and post-implementation support services.
- Software is developed based on API RP 580 (Risk Based Inspections) and API 581 (Base Resource Document - Risk Based Inspection).

In brief, the scope of work shall include:

- Supply of Software: Software should have below key features as a minimum
 - Risk based inspection strategy works on the principles stated in API 580 and API 581.
 - Generation of automatic work-list and next inspection date based on time schedule or condition-based inspection plan.
 - Provides facility for trending of the inspection data.
 - Displays the risk matrix indicating components above ALARP.
 - Captures master data for topside piping, pipelines, jackets, topside structures and able to drill down from location plan till tag level.
 - Allows drawings, document, photograph attachment.
 - Allows capturing failure mechanisms in the system and analysis of failure modes thereafter.
 - Captures measured data; both online and via batch loading through excel or through backend interface of SAP system database.
 - As a minimum can be interfaced with existing documentum, word document, excel sheets, auto cad, SAP and Microsoft outlook.
- Supply of services

- Implementation services including conducting training sessions and workshops.
- Software enhancement services, if essential to meet the business needs.
- Post - implementation support.
- Software upkeep.
- Interface with SAP system as appropriate.
- Migration of available master database from existing SAP system.

Only those companies possessing substantial and proven record of performance in executing similar contracts should respond to this notice. Companies are requested, as a minimum, to submit the following documents and details:

- Letter of interest with detailed company information detailing their nominated management staff and business process support to carry out a multi-year, services campaign for these types of services.
- Technical details of the software - specifying key functionalities.
- Lists of similar work successfully executed in the last five years and similar projects/agreements currently under execution (with particular emphasis on work carried out with Oil and Gas Operators, Refineries, Large Petrochemical Complex). Contact details from earlier projects shall be provided.
- Details of knowledge, experience, certification of Technical and Service team.
- List of policies, procedures and quality assurance practices currently in place for the execution of similar work.
- Health, Safety and Environment (HSE) policies, procedures and statistics covering last 4 years.
- Corporate financial details for last 3 years with details of turnover from similar work.

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:

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