



CAIRN INDIA LIMITED

**GLOBAL EXPRESSION OF INTEREST (EOI) FOR
“3D LAND SEISMIC DATA ACQUISITION AND/OR PROCESSING SERVICES” IN RAJASTHAN, INDIA.**

Cairn India Ltd. (“CIL”) as an Operator of the Rajasthan onshore block on behalf of itself and its Joint Venture partners, Cairn Energy Hydrocarbons Limited and Oil and Natural Gas Corporation (ONGC) is planning to acquire and/or process within India, 3D seismic data during 2013-16.

CIL seeks an Expression of Interest (“EOI”) under International Competitive Bidding Process (“ICB”) from suitably experienced and reputed seismic data acquisition and/or processing contractors (Indian and International) with demonstrated performance for pre-qualification to participate in carrying out the following work in India, which broadly encompasses:

Acquisition

- Acquire minimum of approximately 1500 Sq km of high quality 3D Vibroseis seismic data in up to 6 contiguous but separate areas. Company may also intend to acquire additional 3D seismic data in contingent area of approximately 1000 Sq km.
- Company may also be Interested in 3D-3C and 2D survey as additional options.
- Capability to mobilize up to two 3D crews in order to complete scope of work within required time frame.

Processing

- To separately process the acquired 3D land seismic data to anisotropic Pre Stack Time Migration (PSTM) & Pre Stack Depth Migration (PSDM) using advanced techniques.
- To merge newly processed 3D cubes with existing 3D data to anisotropic Pre Stack Depth Migration (PSDM) volume, (of approximately minimum 3500 sq km).

Contractors may submit EOI either for seismic data acquisition or seismic data processing or for both the services.

Contractors should have proven experience of 3D Vibroseis Seismic Data Acquisition and /or processing. Contractors are required to have sufficient personnel, equipment, management, highly effective QA/QC procedures and organizational processes to conduct the works as provided above. Contractors should be able to demonstrate a full understanding of Indian and internationally accepted Health, Safety and Environmental policies, practices and procedures.

Only contractors complying with these requirements and demonstrating successful track record, listing projects, clients and provide client contacts details for reference should respond to this EOI.

Contractors are requested, as a minimum, to submit the following documents (for Acquisition and processing separately) and details with their EOI clearly specifying their interest for data acquisition (or) data processing or for both data acquisition and data processing.

Acquisition	Processing
3D seismic crew availability and earliest date for crew mobilized with number of crews available.	Lists of similar 3D land seismic processing work successfully completed in the last five years and projects currently under execution.
Lists of similar 3D land seismic data acquisition work (National and International) successfully completed in the last five years and projects currently under execution. Contractors are required to provide details on previous experience in India.	Technology available to effectively attenuate land seismic noise and merge different 3D azimuthal data (different azimuth, different orientation). Effective technology available to attenuate short period multiple and handle azimuthal anisotropy.
Personnel details including bio-data of key personnel.	Personnel details including bio-data of key personnel.
Management structure together with logistical support details.	Available software and hardware details in the proposed Indian processing center.
Acquisition methodology. QA/QC procedures.	QA/QC procedures (internal and remote) details.
Detailed list and specification and age of equipment.	Description of project deliverables.
Health, Safety and Environment policies, procedures and statistics covering the last 3 years.	
Company's financial performance documents (Audited Balance Sheets and Profit and Loss Statements etc.) for last 3 years.	
Details of any court proceedings against the contractor.	
Any other relevant information.	

CIL requests interested contractors who can fulfill all of the specifics listed above to submit their EOI along with associated documents (including the details and references stated above) as applicable within 14 days of publication of this notice to the below address.

The envelope(s) shall be superscripted with **“3D Land Seismic Data Acquisition-Rajasthan”** or **“3D Land Seismic Data Processing Services-Rajasthan”** separately for both the services and shall be addressed to:

Head – P&SCM
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