



CAIRN INDIA LIMITED

GLOBAL EXPRESSION OF INTEREST (EOI) FOR 3D MARINE SEISMIC DATA ACQUISITION AND/OR PROCESSING SERVICES FOR KG-OSN-2009/3 OFFSHORE BLOCK IN INDIA

Cairn India Ltd. ("CIL") is the Operator, of the KG-OSN-2009/3 Contract Area in India. The KG-OSN-2009/3 block Contract Area is located off the coast of Andhra Pradesh, India. As part of the initial exploration phase for the Contract Area, CIL is planning to acquire and/or process minimum 1,000 sq km full fold 3D marine seismic data in KG-OSN-2009/3 block, with water depth varying from 13m to 400m. Water depth varying from 10m to 400m in the block. It is envisaged that the work will be conducted in Q4 CY 2013 / Q1 CY 2014.

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 with demonstrated performance for pre-qualification to participate in carrying out the following work in India, which broadly encompasses:

- Acquisition and/or processing of minimum 1000 sq.km. full fold 3D marine seismic data, using standard towed streamer receiver and air gun source techniques
- Logistics support for the offshore operation including provision of support vessels as may be required
- Provision of onboard processing for quality control of acquired seismic data.
- Processing of 3D Seismic data to pre-stack time migration (PSTM) and pre-stack Depth migration (PSDM), using advance techniques. An effective & detailed internal as well as remote QA/QC process will be required.

With this EOI, CIL intends to short list experienced Seismic Contractors to invite for the tender for the 3D marine seismic data acquisition and /or processing services.

The contractor shall necessarily be a marine seismic data acquisition and/or processing contractor, shall have proven experience in similar types of work, and shall have sufficient personnel, equipment, management and organizational processes to conduct the works. The company shall be able to demonstrate full understanding of Indian and Internationally accepted Health, Safety and Environmental practices, procedures and policies. Only companies who can comply with these requirements and who can demonstrate a successful track record, listing projects, clients and client contacts that may be approached, should respond to this notice.

Interested contractors are requested, as a minimum, to submit the following documents and details:

Acquisition	Processing
Lists of similar work successfully executed in the last three years and projects currently under execution.	Lists of similar 3D seismic marine processing work successfully executed in the last three years and projects currently under execution.
Completion certificate of the work executed in last 3 years	Completion certificate of the work executed in last 3 years
Company history and experience in offshore	Technology available for effective Swell noise, diffracted noise & multiple attenuation, anisotropic Migration.
Vessel vintage should not be more than 15 years	
Acquisition methodology to acquire the data in shallow water	Personnel details including bio-data of key personnel.
Personnel details including bio-data of key personnel.	Available software and hardware details.
Equipment listings and vessel details with availability.	QA/QC procedure (internal and remote) details.
Company and management structure together with logistic support details	Details of processing flow (PSTM & PSDM) & description project deliverables.
List of policies, procedures and quality assurance practices currently in place for the execution of similar work.	
Health, Safety and Environment policies, procedures and statistics covering the last 4 years.	
Corporate financial details for last 3 years	

Specific Pre-Qualification Criteria ("GO"/"NO GO")

Technical:

- Must have successfully and satisfactory executed similar kind of operations with reputed clients in last 3 years
- Minimum 4 no of streamers (Solid) vessel with minimum 8km streamer length

Financial:

- The average turnover in each of the immediately preceding two financial years should be 2 times of the annual contract value.
- Positive net-worth of at least 20% of annual contract value in each of the immediately preceding two financial years
- Liquidity ratio in each of the preceding 2 financial years shall not be less than 0.75

Interested Seismic Contractors who can fulfill all of the specifics listed above shall submit their response including the details and references stated above, within fourteen (14) days of publication of this notice.

Contractor may submit EOI either for Seismic data Acquisition or Seismic Data Processing or both the services.

The envelope shall be superscripted separately for "**3D Marine Seismic Data Acquisition - KG-OSN-2009/3**" and "**3D Marine Seismic Data Processing Services - KG-OSN-2009/3**" and should be addressed to:

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