



**EXPRESSION OF INTEREST FOR  
3D MARINE SEISMIC DATA ACQUISITION AND PROCESSING SERVICES**

Cairn Lanka (Private) Limited (CLPL) is planning to acquire and/ or process 3D marine seismic data and Gravity Magnetic data acquisition survey. The area lies in the Gulf of Mannar just off the coast of Sri Lanka; water depth may vary from 200m to 1800m. It is envisaged that the work will be conducted in Q1/Q2 2012.

CLPL seeks expression of interest (EOI) from suitably experienced marine seismic data acquisition and / or processing contractors for the work which broadly encompasses the following:

- Acquisition of 3D marine seismic data, using standard towed streamer receiver and air gun source techniques
- Acquire Gravity and Magnetic Data
- 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 advanced techniques. An effective & detailed internal as well as remote QA/ QC process will be required.

With this EOI, CLPL intends to short list names of experienced Seismic Contractors to invite for the tender for the 3D marine seismic data acquisition and/ or processing services and Gravity & Magnetic data acquisition services.

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

Interested companies are requested 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.
Details of similar work conducted in Indian sub continent.	Technology available to merge different 3D azimuthal data (different azimuth, different orientation and constantly changing azimuth), effective technology available to attenuate shallow marine multiple. Effective and new technology available for demultiple process (short period and Long period)
Personnel details including bio-data of key personnel.	Personnel details including bio-data of key personnel.
Equipment listings and vessel availability details.	Available software and hardware details.
Company and management structure together with logistic support details.	QA/QC procedure (internal and remote) details.
Acquisition methodology.	Details of processing flow (PSTM & PSDM) & description of project deliverables.
Lists 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.	
Audited Corporate financial details for the preceding 3 Financial Years.	
Details of legal / court rulings against your company, if any in last 5 years	

Interested Seismic Contractors who can fulfil all of the specifics listed above should submit their response including the details and references stated above, within 10 days of publication of this notice. The envelope shall be superscribed separately for **“3D Marine Seismic Data Acquisition Services”** and / or **“3D Marine Seismic Data Processing Services”** and shall be addressed to:

General Manager – PSCM  
CAIRN LANKA (PRIVATE) LIMITED  
9<sup>th</sup> Floor, Tower B, Paras Twin Towers, Sector 54, Gurgaon 122 002 Haryana, India  
Ph: +91 124 414 1360 Fax: +91 124 288 9320  
Email: pscm@cairnindia.com