



CAIRN ENERGY INDIA PTY LIMITED

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

**EXPRESSION OF INTEREST FOR
2D AND 3D MARINE SEISMIC DATA ACQUISITION and PROCESSING SERVICES**

Cairn Energy India Pty Ltd. (“CEIL”) is the Operator, of the KG-OSN-2009/3 and MB-DWN-2009/1 Contract Area in India. The KG-OSN-2009/3 block Contract Area is located off the coast of Andhra Pradesh, India and MB-DWN-2009/1 block Contract Area is located off the west coast of India. As part of the initial exploration phase for these Contract Areas, CEIL is planning to acquire and/or process 1375 sq km (Minimum) full fold area of 3D marine seismic data in KG-OSN-2009/3 block and 2000 lkm 2D Marine Seismic Survey with long offset for sub-basalt imaging in MB-DWN-2009/1 block. It is envisaged that the work will be conducted in Q4 CY 2011 / Q1 CY 2012.

CEIL 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 and processing of 2000 lkm of 2D in MB-DWN-2009/1 block and 1375 sq.km. (minimum) full fold area of 3D marine seismic data in KG-OSN-2009/3 block, using 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 2D and 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, CEIL intends to short list names of experienced Seismic Contractors to invite for the tender for the 2D and 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 organisational 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 2D & 3D seismic marine processing work successfully executed in the last three years and projects currently under execution.
Details of similar work conducted.	Technology available to merge different 3D azimuthal data (different azimuth, different orientation and constantly changing azimuth), effective technology available to attenuate shallow marine multiple.
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 project deliverables.
Lists of policies, procedures and quality assurance practices currently in place for the execution of similar wor	
Health, Safety and Environment policies, procedures and statistics covering the last 4 years.	
Corporate financial details.	
Details of legal / court rulings against your company, if any in last five years	

Interested Seismic Contractors who can fulfill all of the specifics listed above shall submit their response including the details and references stated above, within ten (10) days of publication of this notice.

The envelope shall be superscripted separately for both blocks with **“MB-DWN-2009/1 2D Marine Seismic Data Acquisition”**, **“MB-DWN-2009/1 2D Marine Seismic Data Processing Services”** and **“KG-DWN-2009/3 3D Marine Seismic Data Acquisition”**, **“KG-DWN-2009/3 3D Marine Seismic Data Processing Services”** and should be addressed to:

Director – PSCM
CAIRN ENERGY INDIA PTY LIMITED
Ground Floor, Tower A, Paras Twin Towers,
Sector 54, Gurgaon 122 002 Haryana, India
Ph: +91 124 414 1360 Fax: +91 124 288 9320
Email: pscm@cairnindia.com Website: www.cairnindia.com