



CAIRN INDIA LIMITED

GLOBAL EXPRESSION OF INTEREST (EOI) FOR 3D SEISMIC ANISOTROPIC REPROCESSING SERVICES FOR RJ-ON-90/1 ONSHORE BLOCK IN INDIA

Cairn India Ltd. ("CIL") is the Operator, of the Rajasthan onshore block RJ-ON-90/1 on behalf of the Joint Venture partners Cairn India and ONGC. The RJ-ON-90/1 Contract Area lies in western India (Rajasthan State). As part of the development activities in this Contract Area, CIL is planning to reprocess approx. 300 sq. km 3D data over the Aishwariya field. It is envisaged that the work will be conducted only in India during H1-2013.

CIL seeks expression of interest (EOI) from suitable anisotropic PSDM (azimuthal depth experience preferred) land seismic processing contractors for the work which broadly encompasses the following:

- Use latest noise attenuation techniques to improve the S/N ratio by adequately handling the aliased noise.
- Full azimuth re-processing of approx. 300 sq. km of 3D land seismic data, using modern and robust azimuthal velocity analysis tool.
- The contractor should be able to incorporate all the well information to perform VTI/TTI and HTI OVT PSDM migration.
- An effective & detailed internal as well as remote QA/QC process will be required.

With this EOI, CIL intends to short list names of experienced Seismic Contractors to invite for the tender for the 3D land seismic data processing services.

The company shall necessarily be a seismic data 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 who may be approached, should respond to this notice.

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

- Lists of similar anisotropic 3D seismic land processing (including azimuthal anisotropic OVT PSDM) work successfully executed in the last three years and projects currently under execution.
- Technology available for latest noise attenuation techniques to improve the S/N ratio by adequately handling the aliased noise and other land seismic noise.
- Technology and tools available for azimuthal velocity analysis (sectorised and or vectorised).
- OVT migration technology for orthogonal shooting.
- Technology available to handle the azimuthal anisotropy in the data.
- Personnel details including bio-data of key personnel.
- Available software and hardware details.
- QA/QC procedure (internal and remote) details.
- Details of processing flow & 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.
- Corporate financial details.

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

The envelope shall be superscripted separately with **Global Expression of Interest for 3D Seismic Anisotropic Reprocessing Services for RJ-ON-90/1 onshore block** and shall be addressed to:

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