

Notice Inviting “Expression of Interest” (EOI) for Quality Control (QC) Services for Broadband 2D Seismic Data acquisition in offshore (deep waters) areas of Andaman Basin of India.

Oil India Limited (OIL), a premier National Oil Company is engaged in the business of exploration, production and transportation of crude oil and natural gas. OIL intends to hire Quality Control (QC) services for broadband 2D seismic data acquisition in the deep waters of Andaman basin. It has been planned to acquire a total quantum of 15,000 LKM for broadband 2D seismic data in two area of Andaman deep waters under the Government of India’s National Seismic Programme (NSP). OIL desires to commence and complete seismic data acquisition in the current field season (by May 2021). Generally, the fair-weather window, in the operational area is from October to June (Operating Months). The boundaries of both survey areas and tentative plan map of proposed 2D seismic coverage in individual area are enclosed for ready reference (Fig 1).

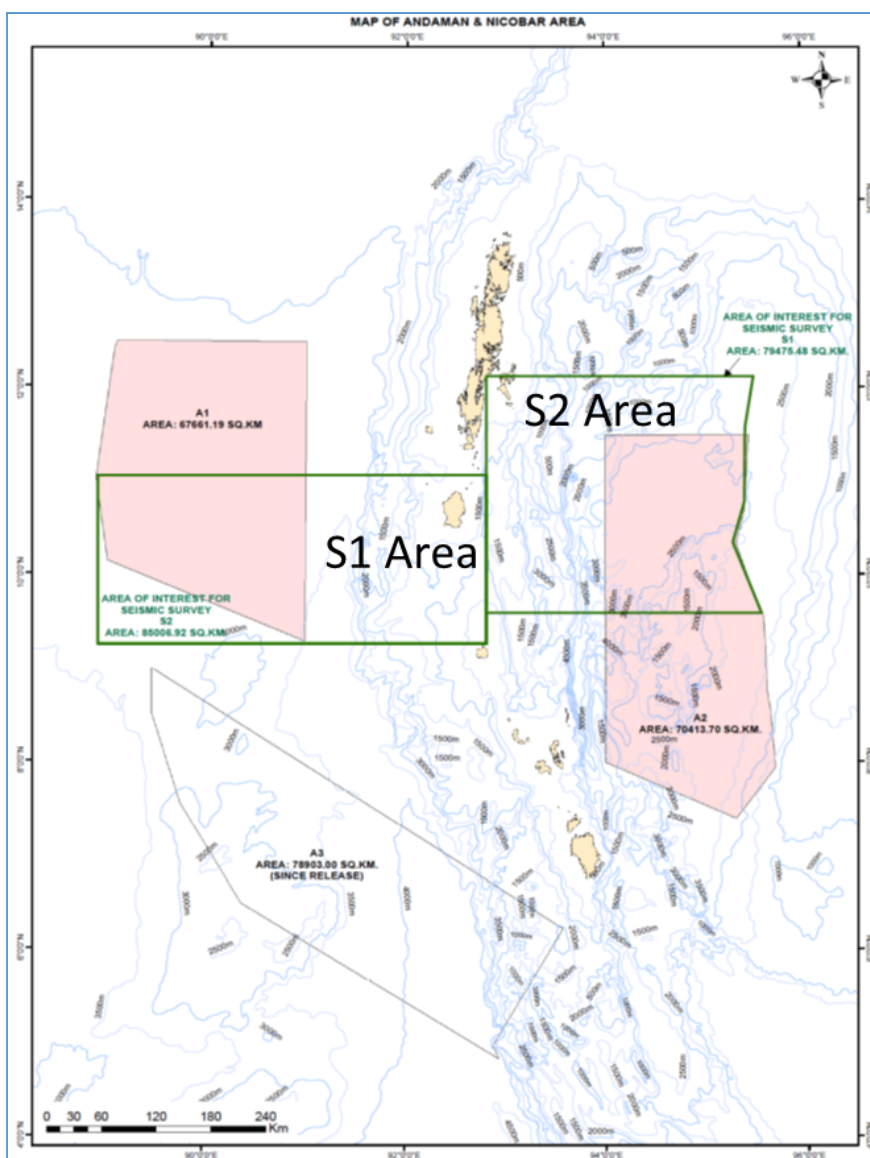


Figure 1: Map showing the assigned areas

The objective of this wide spaced 2D Seismic Survey for appraisal of deep water unappraised areas of Andaman basin, India is imaging of different geological markers upto Basement & identification of Strati-structural prospects in the area. OIL has already initiated action to outsource the broadband 2D seismic Acquisition, Processing & Interpretation (A&PI) activities to reputed service providers in a scheduled time bound manner.

Data acquisition is expected to commence from Dec 2020 and is planned to be completed by May 2021. The campaign wise details pertaining to quantum of work, number of seismic crews and QC personnel to be deployed and tentative period of data acquisition are provided in Annexure - I.

OIL seeks Expression of Interest ('EOI') from reputed and experienced companies for hiring Quality Control (QC) Services during acquisition of 2D Seismic Data in these un-appraised deepwater areas of Andaman Basin in India.

It may please be noted that this is a business enquiry and it does not constitute any offer for the intended work. Moreover, this EOI should not be construed as right to have tender document or to be shortlisted for the tender.

Requirement: Broad requirements for a bidder are as follows:

1. Reputed and experienced companies who have expertise and experience in providing the QC services for offshore broadband 2D seismic data acquisition worldwide to various E&P operators/ National OIL Companies (NOC).
2. Bidder shall have adequate trained and experienced technical personnel, resources and capability to deploy and use necessary tools (application Software & requisite Hardware) suitable to undertake the QC Services during offshore broadband 2D Seismic data acquisition efficiently and perform requisite on board quality control services during the execution of the job.
3. Bidder shall complete mobilization and commence work within three (3) weeks from issue of Letter of Award (LOA) so as to start the work in respective sector as per Table1. This will include visit of QC personnel to OIL office, Kakinada, Andhra Pradesh, India for a minimum duration of three (3) working days for Project Appraisal Meeting (excluding travel period) prior to deployment at respective vessel.
4. The Bidder shall deploy minimum two (2) numbers of QC/QA personnel on board at any point of time during the entire period of Data Acquisition under this contract. Bidder shall furnish tentative deployment schedule for their QC/QA personnel during the project execution.
5. Bidders shall arrange on their own for all necessary clearances pertaining to deployments and use of their QC personnel and equipments, if required, as applicable for India and in respective operational area.
6. Bidder's QC personnel shall be conversant with various QC measures as stipulated in Service Contract (As issued by OIL for hiring of services for broadband 2D Seismic Data Acquisition through outsourcing) of OIL for implementation of Quality Control (QC)/Quality Assurance (QA) including other

applicable rules and regulations, HSE norms related to the activities of Seismic Data Acquisition.

7. The principle responsibility of bidder is to ensure Quality Control by enforcing proper QC measures during field execution of the seismic data acquisition as per 'Scope of Work' defined in service contract issued by OIL. Moreover, the bidder shall perform daily monitoring and quality assurance through analysis and quality control of Navigation Data, Raw data through to processed data for ensuring precision in positioning and quality of acquired raw and processed output. The broad responsibility of the QC personnel deployed by the bidder shall be:

- **Pre-Planning of Seismic data Acquisition:** To supervise survey planning for 2D seismic data acquisition in order to meet the timelines of the project. Check the advanced plan for requisite recovery shots prepared by acquisition contractor, checking of alternate shooting plan provided by Acquisition contractor in case shooting needs to be carried out in offset, deviated line in lieu of Pre-planned straight lines as per 'Scope of Work'.
- **Field Equipment Audits:** The deployed personal shall be competent to perform technical audits, testing and calibration of equipment at regular interval as per agreed time schedule.
- **Geodetic Survey:** The deployed personal shall supervise navigation data including GPS modelling as per industry standard recording formats/data management systems. The QC personnel must ensure all QC measures during Survey as stipulated in contract with the Acquisition Contractor.
- **Experimental Survey:** To supervise the results of Experimental Survey for finalization of acquisition parameters within the scope of work to the acquisition contractor.
- **Post-Acquisition QC:** The deputed personal shall also carry out Acceptance/ Rejection of regular production as per the contract with the Acquisition Contractor. This shall include geometry verification and remedial measures at the field to ensure integrity of the seismic and positioning data from the very beginning of the processing flow.
- **HSE in Field Operation:** The deputed personal shall also ensure strict compliance of all applicable HSE norms as per IAGC and E&P Forum guidelines and Rules during Seismic Data Acquisition. They shall carry out periodical safety audit and also inform OIL occurrence of any event/ violation of HSE norms during field executions which adversely affect the work/project execution.
- **Data Management & Reporting:** Acceptance of Daily Progress Report prepared by Acquisition Contractor as per 'Scope of Work'. To check all Final deliverables as specified by OIL in Contract Document for each crew of respective area. The bidder shall provide daily report through e-mail to OIL's representative. The bidder shall also provide comprehensive Quality Control report in both soft/hard copies at the end of campaign to OIL.

8. The Office/Work Space, Accommodation/ Food, Internet / Telephone connectivity, Travel from the nearest port to the Survey vessel of QA/QC expert shall be arranged by OIL during stay at survey Vessel. However, bidder has to arrange for to and fro travel of their QC personnel from Home Base to Kakinada/nearest port of OIL Office.

9. **The nearest airports from the respective Field Site Base Camps are as below:**

Campaign	Sector	Area	Airport
1	S I	Andaman-Nicobar	Portblair
2	S2	Andaman-Nicobar	Portblair

SUBMISSION OF EOI

Interested bidders having expertise and experience in providing the QC services during offshore broadband 2D/3D data acquisition are invited to submit their EOI. EOI response should accompany the following information/documents:

- i. Documentary evidence to demonstrate bidder’s track record of delivering the QC services to clients during offshore broadband 2D/3D seismic data acquisition for a minimum of 10 years. The bidders need to furnish experience details as per tabular format provided below.

Sl. No.	Contract No.	Contract Period		Client	Country/ Location	Type of Survey/ Volume Of Work	Water Conditions / Range of water depth	Name of the Vessel	Type of vessel 2D/3D
		From	To						

- ii. **Bidder’s personnel should have a minimum of 10 years of industry experience and 5 years of experience in the capacity of QC for offshore 2D/3D Seismic Data Acquisition having supervised minimum three (3) broadband seismic survey projects.** The Bidder shall furnish Bio Data of QA/QC personnel mentioning details of work-experience of individual key personnel he intends to deploy per crew under each individual Campaign/Area taking into consideration the tentative planned time line for Campaign wise 2D Seismic Data Acquisition under this project is provided as **Annexure-1.**
- iii. Details of necessary tools (application Software & requisite Hardware) likely to be deployed for the QC services for individual Acquisition Campaign as per Table 1.
- iv. Documentary evidence in support of sound financial standing like audited financial reports of last three (3) years.

- v. Details of HSE policies, procedures and statistics covering last 5 years.
- vi. Details of 'Scope of Work' proposed for the QC services for individual Acquisition Campaign as per Table 1.
- vii. Budgetary quote for the QC services as per format given at Annexure-3.
- viii. Interested party should demonstrate that daily QC tasks and reporting will be automated and standardised.
- ix. Document with detailed flow chart pertaining to planned activities by QC personnel during various stages of field execution.
- x. Interested Party shall propose a software package(s) that will automate and standardise the daily duties of the QCs.
- xi. Any other information that will demonstrate the Contractor's competence/capability in providing the QC Service during offshore 2D/3D Seismic Data Acquisition.

Interested parties, who fulfil the specifics above, should submit their response by post/fax/ email /courier on or before **15.09.2020**. The hard copy in a sealed cover with the superscription "Expression of Interest (EOI) for 2D seismic data API in unapprised on land areas" along with supporting documents should reach within 10 days after above period at following address:

Head Project
OIL INDIA LIMITED,
KG Basin Project Office at D. No. 11-4-7
Nookamma Temple Road, Ramarao Peta,
Kakinada -533004, Andhra Pradesh

Project Email: oilkgbprojecteoi@gmail.com

Note: The offer(s) may also be uploaded on File sharing website (google drive etc) and the link(s) may be provided to us at our e-mail within above specified period.

ANNEXURE-I

Campaign	Block	Sector (Quantum)	Operating Months/ No. of Survey vessel	No. of QC person per Survey vessel	Survey Duration (Dec 2020 – May 2021)
Campaign-1	A1 & A2	15000 LKM	5/1	2	180 Mandays

Table-1: Planned crew deployment and tentative period of data acquisition

Note:

- i. The Bidder needs to deploy Two (2) nos. of QC/QA personnel against one (1) crews for a total Mandays of 180.**
- ii. The duration of stay at Survey Vessel in terms of Mandays has been computed based on Maximum working days per operating Months.**

FORMAT FOR BUDGETARY QUOTE
FOR QC SERVICES

Campaign:				
Description of Services	Unit of Measurement	Quantity	Unit Rate in (INR)	Total Rate in (INR)
A. Mobilization Charges	Lump sum	1		
B. Demobilization Charges	Lump sum	1		
C. Quality Assurance (QA)/Quality Control (QC) Services including deployment and use of Manpower, resources and necessary tools (application Software & requisite Hardware)	Man Days	2 x180		
D. Report Printed/Bound	Copy			
E. Any Other Charges				
F. TOTAL (A+B+C+D+E)				
G. GST @ _____%				
H. TOTAL INCLUDING GST (F+G)				

Note:

- 1. The Day rate of QA/QC expert shall commence from the Day the expert reaches the nearest port and cease when the Expert leaves nearest port (Nearest port – Nearest port Day Rate).**
- 2. The Bidder shall provide necessary adequate Computing Equipment and Software, consumables for use of QA/QC expert to carry out Quality Assurance (QA)/Quality Control (QC) Service and submission of Daily/Final project report to OIL.**
- 3. The bidder has to make all arrangements for Accommodation/ Fooding of their QC/QA personnel during their visit to Kakinada.**
- 4. The QA/QC expert shall provide digital report free of cost to OIL.**

- 5. The above quoted rates should be inclusive of all the taxes applicable including but not limited to corporate tax, Personnel Tax and other statutory levies.**
- 6. The budgetary quotation is being sought for budgetary purposes only i.e., to assess the market and project viability. It may be noted that the award of work will be made subsequently after invitation of bids through e-tendering as per laid down procedures/guidelines of OIL.**
- 7. OIL shall enter into a separate Data Confidentiality agreement with the successful bidder prior to execution of the contract.**