

**Esso Exploration & Production Nigeria (Deepwater Ventures)Ltd and  
Esso Exploration & Production Nigeria (Upstream)Ltd**  
An ExxonMobil Subsidiary  
Contractor of OML 133/139/223 Deepwater Development Projects

**Tender Opportunity:  
Provision of QAQC Consulting Services for Deepwater Seismic Acquisition Programs  
NipeX Number:00000038**

### 1. INTRODUCTION

Esso Exploration & Production Nigeria (Deepwater Ventures) Ltd and Esso Exploration & Production Nigeria (Upstream) Ltd (ESSO) plan to carry out seismic acquisition projects, including an Ocean Bottom Node (OBN) Hi Resolution 3D / 4D baseline seismic survey to be used in exploration and development of offshore oil and gas resources in its license areas of OML 139 and OPL 223 blocks off the southeast coast of Nigeria and one or more 3D/4D baseline or 4D monitor surveys within the Erha and Bosi assets in license areas OML 133. The first of the surveys are expected to begin no later than Q4 2019.

ESSO is seeking QAQC Representatives to monitor these seismic operations for safe, environmentally sound, regulatory compliant, efficient and cost effective geophysical acquisition practices consistent with contract specifications, permits and industry standards. QAQC Representatives will also be responsible for providing comprehensive reporting during the operations and on contractor performance on completion. Anticipated contract term is four (4) years with a one (1) year optional extension period.

An open competitive tendering process through the NipeX portal will be adopted and contracts will be awarded to more than one bidder at the lowest responsive evaluated price/rates.

### 2. SCOPE OF WORK

Scope of work for QAQC services are for the following seismic acquisition surveys:  
Planned Owowo OBN seismic acquisition survey:

- Survey size: Approximately 250 square kilometers image (node) area, ~450 square kilometers shot area
- Water depths: 350~750 meters
- Technique: Ocean Bottom Nodes. OBN base acquisition 300m x 300m, Shot point interval 30m x 30m Dual-Source. Final node and shot spacing TBD
- Estimated Acquisition Project Duration: 2-4 months depending on methodology

Planned Erha 4D M3 seismic streamer acquisition survey:

- Survey size: Approximately 280 square kilometers Full Fold area.
- Technique: Broadband streamer
- Estimated Acquisition Project Duration: <1 month

Bosi 3D / 4D Baseline seismic acquisition survey TBD

**Planned scope of work for QAQC services:** At this time, the following positions are anticipated:  
Lead Seismic Representative - (2 rotating as applicable - i.e. 1 on crew full time)

- The QC representative will provide Esso with a direct contact with the geophysical contractor during field operations and verify that all contract requirements are adhered to throughout the program. One Lead Representative may also be required to participate in pre-mobilization project planning.
- The Lead Seismic Representative must have a minimum of 10 years directing offshore geophysical surveys, including 3D/4D OBN surveys as a Lead Representative for the Owowo survey. The Lead Representatives must also have five (5) years' experience in field processing and data management.

Seismic Data Integrity Representative - (2 rotating as applicable - i.e. 1 on crew full time)

- The data integrity QC representative monitors and advises on onboard 3D data acquisition quality control products, onboard data processing, and verification of data deliverables
- The seismic representatives must have five (5) continuous years of active QC representative support for 3D seismic acquisition, field processing, and data management support. For the Owowo project, at least 1 year of this experience will be working on OBN crews.

Navigation / Positioning Quality Control Representative - (2 rotating as applicable)

- The navigation QC consultants will monitor and advise on navigation and positioning of sources and receivers and navigation processing associated with the Project.
- The navigation representatives must have five (5) continuous years of active support for 3D seismic acquisition with, for the Owowo project, at least 1 year of this experience working on OBN (ocean bottom node) crews.

Safety, Security, Health and Environment (SSH&E) Representative - (2 Lead SSH&E Representatives rotating plus 2 additional SSH&E representative rotating to work on supporting node and/or source vessel as applicable)

- The Geophysical Project SSH&E QC monitors and advises on Safety, Security, Health and Environment (SSH&E) matters associated with the Project.
- The SSH&E Representative must have a minimum of 5 years' experience in geophysical operations in an SSH&E representative role with at least 3 years on marine seismic (OBN or streamer) crews. The Lead SSH&E representative must have at least 10 years' experience in offshore operations and have experience and certification as an SSH&E auditor on marine seismic vessels including training in SSH&E management. One Lead SSH&E representative will likely be required to participate in pre-mobilization survey planning

Marine Mammal Observers - (2 rotating, i.e. 1 on source vessel full time plus 2 additional MMO's rotating to work on supporting node vessel as applicable)

- Marine mammal observers must be trained and experienced in use of JNCC guidelines, and qualified to observe and report on cetacean activity in the survey area, having at least 1 year experience in marine mammal observations on marine seismic crews.

Passive Acoustic Monitoring System and Operator - (2 rotating, i.e. 1 on the source vessel full time)

- Marine mammal observers trained and experienced in use of JNCC guidelines, and qualified to observe and report on cetacean activity in the survey area, having at least 1 year experience in marine mammal observations on marine seismic operations using the proposed Passive Acoustic Monitoring System.

Contractor may propose representatives for any one or all of the positions requested. Bidders should have at least 3 capable representatives in the position they propose to fill, in order to provide rotation relief, as applicable (depending on final survey duration).

Be informed that Esso may decide to change the needed QAQC effort and reduce or remove any of the above listed positions prior to the start of the Survey.

### 3. MANDATORY REQUIREMENTS

- A. To be eligible for this tender exercise, interested Companies are required to be prequalified in either the Quality Assurance (QA/QC) product group 3.02.01, Sub-surface Consultancy (Geological, Geophysical, Reservoir) product group 3.02.19 in NipeX Joint Qualification System

(NJQS) database. All successfully prequalified suppliers in these categories will receive Invitation to Technical Tender (ITT).

- B. To determine if you are pre-qualified and view the product/service category you are listed for: Open <http://vendors.nipexjqs.com> and access NJQS with your log in details. Click on Products/Services Status tab to view your status and product codes.
- C. If you are not listed in a product/service category you are registered with DPR to do business, contact NipeX office at 8, Bayo Kuku Street, Ikoyi Lagos with your DPR certificate as evidence for verification and necessary update.
- D. To initiate the JQS prequalification process, access [www.nipex-ng.com](http://www.nipex-ng.com), click on services tab followed by NJQS registration.
- E. To be eligible, all tenderers must comply with the Nigerian Content requirements in the NipeX system.

### 4. NIGERIAN CONTENT

Esso Exploration & Production Nigeria (Deepwater Ventures) Ltd and Esso Exploration & Production Nigeria (Upstream) Ltd are committed to the development of the Nigerian Oil and Gas business in compliance with the Nigerian Oil and Gas Industry Content Development Act 2010 (NOGICD Act) enacted by the Federal Government of Nigeria in April 2010.

As from the commencement of this Act, the minimum Nigerian Content in any project, service or product specification to be executed in the Nigerian oil and gas industry shall be consistent with the level set in the Schedule to the Act and any other targets as may be directed by the Nigerian Content Development and Monitoring Board (NCDMB).

Esso Exploration & Production Nigeria (Deepwater Ventures) Ltd and Esso Exploration & Production Nigeria (Upstream) Ltd requires their Contractors to comply with the Act, its attached Schedule and any applicable regulation developed by the Nigerian Content Development Monitoring Board.

Nigerian Content (NC) in the Nigerian oil and gas industry is defined as:

"The quantum of composite value added to or created in the Nigerian economy by a systematic development of capacity and capabilities through the deliberate utilization of Nigerian human, material resources and services in the Nigerian oil and gas industry."

"Nigerian company" is a company formed and registered in Nigeria in accordance with the provisions of Companies and Allied Matters Act with not less than 51% equity shares by Nigerians.

Tenderers shall consider Nigerian content as an important element of their overall project development and management philosophy for project execution.

#### As part of their submissions, Tenderers shall:

1. Provide evidence of company Ownership Structure form CO2 and CO7, registration on NOGIC JQS, DPR certificate, and NOGIC JQS registration.
2. Detailed description of the location of in-country committed facilities & infrastructure (assets, equipment, technical office, and administrative space, storage, workshop, assembly area, repair & maintenance, testing, laboratory, etc.) in Nigeria to support this contract.
3. For Nigerian company in alliance with a foreign company or multinational, submit evidence of binding agreement of the alliance duly signed by the CEO's of both parties.
4. Submit a plan on how it intends to give first consideration to goods and services provided from within Nigeria, to meet 45% manhours NC target for both Quality Assurance QA/QC Consultancy and Safety, Health and Environment Consultancy in line with the requirements of the Act.
5. Demonstrate key Management positions that are Nigerian Nationals and the percentage of the Company total workforce (direct and in-direct employees) that are Nigerians.
6. Provide a project-specific training, man-hour budget, skill development and technology transfer plan for Nigerian personnel or indigenous business including evidence of past performance on training and development for Nigerians nationals & indigenous business. Plan for sponsorship of Nigerians to acquire competence and/or certification. Further development of local employees as professionals. Bidders are requested to execute an enforceable MOA with Local Training Service Provider (OGTAN member) for the provision of training services in specific technical disciplines involved in the project.

Tenderer's failure to comply with the NOGICD Act or demonstrate commitment to Nigerian Content development will result in Tenderer's disqualification.

### 5. CLOSE DATE

Only tenderers who are registered in either the Quality Assurance (QA/QC) product group 3.02.01 or Sub-surface Consultancy (Geological, Geophysical, Reservoir) product group 3.02.19 in NipeX Joint Qualification Scheme (NJQS) database as at **Monday, September 10, 2018**, being the advert closing date shall be invited to submit Technical Bids.

### 6. ADDITIONAL INFORMATION

- a) Interested suppliers must be prequalified for this product/service category in NJQS.
- b) Full tendering procedure will be provided only to contractors that have been successfully prequalified in NJQS.
- c) This advertisement shall neither be construed as an Invitation to Tender (ITT) nor a commitment on the part of Esso to award a contract to any supplier and/or associated companies, sub-contractors or agents.
- d) This advertisement shall not entitle prequalified companies to make any claims whatsoever, and/or seek any indemnity from Esso and/or its partners by virtue of such companies having been prequalified in NJQS.
- e) All costs incurred in registering and prequalifying for this and other product/service categories in NJQS shall be borne solely by suppliers.
- f) Suppliers that are prequalified for this product/service category in NJQS must ensure that their names and contact details (physical address, email address and telephone number) of their company and authorized/responsible personnel are up-to-date in their company profile on the NJQS database.
- g) Esso shall communicate only with the authorized/responsible personnel of prequalified companies and not through unauthorized individuals or agents.

- **Please visit the NipeX Portal at [www.nipex-ng.com](http://www.nipex-ng.com) for this Advert and other information**

