

# Tender Opportunity (Provision of Well Site/Path Geo-Hazard Assessment Services) at Star Deep Water Petroleum Limited

**Star Deep Water Petroleum Limited**

**A Chevron Company**

**Operator of the Agbami Unit (OML 127/128)**

**Tender Opportunity**

**Provision of Well Site/Path Geo-Hazard Assessment Services for Deepwater Projects**

## **INTRODUCTION**

Star Deep Water Petroleum Limited (Star) a Chevron Company and operator of the Agbami field on behalf of the partners (FAMFA Oil, Statoil, Petrobras and NNPC), invites interested and Companies with relevant experience to apply for pre-qualification for the provision of well site & well path geo-hazards evaluation and assessment services to support Company's Deepwater drilling Projects. The contract is proposed to commence in 4<sup>th</sup> quarter of 2014 for three (3) year duration.

### **Scope of Work:**

The scope includes the evaluation and assessment geo-hazards on well site and along the well path of deepwater drilling projects offshore Nigeria's Niger Delta. These fields/projects are collectively referred to as Deepwater Projects for purposes of project naming.

The services include the provision and utilization of trained personnel, consumables, and state of the art hardware and software packages to facilitate viewing/overlay/interpretation of data from multiple sources at various scales.

The required scope of work will cover but not limited to following:

- Preliminary screening of the proposed well location based on the available data.
- Evaluate the usability of the existing 3D data and other available data (acoustic and logs)
- Conduct high resolution geo-hazard reprocessing of the existing 2D/3D data if required for geo-hazard studies.

- Interpret the seismic and acoustic data sets and identify geological hazards.
- Utilize 3D interpretation techniques (e.g.: arbitrary vertical profiles, time slice/horizon slice interpretation), the creation of seismic attributes, and the interpretation of seismic attributes for the hazards assessment.
- Integrate data from seismic, acoustic, well logs, drilling reports, regional geology and publicly available literature to give a detail assessment of the hazards and their risks in the area under the following categories:
  1. Seafloor conditions – variability and instability (e.g. Seafloor topography, lithology, dips and other seafloor hazards)
  2. Sub-seabed conditions (e.g. shallow faulting/slumping, gas escape structures, major shallow lithologic/sequence boundaries, relic features such as slumping/faulting, direct and indirect indicators of geotechnical properties of near surface sediments, other shallow subsurface hazards)
  3. Deeper conditions (deeper sequence boundaries, evidence of shallow gas, shallow water flow, gas hydrates, faulting, direct and indirect indicators of geotechnical properties of deeper sediments, other deeper subsurface hazards)
- Make recommendations based on the outcome of hazards assessment and top-hole prognosis.
- Produce detailed reports and deliverables of the geo-hazards assessment service including maps in the standard formats as defined in the detailed scope of work.

**Mandatory Tender Requirements:**

- A. To be eligible for this tender exercise, interested bidders are required to be pre-qualified in the 3.10.03 (Site Surveys) category in NipeX Joint Qualification System (NJQS) database. All successfully pre-qualified suppliers in both categories by the bid close date will receive Invitation to Technical Tender (ITT).
- B. Please note that suppliers including their sub-contractor(s) shall be required to:
- I. **Meet all JQS mandatory requirements to be listed as “PREQUALIFIED” for a category in the JQS database.**
  - II. **Meet all Nigerian Content requirements stated in this advert in their responses to the Invitation to Technical Tender.**

C. To determine if you are pre-qualified and view the product/service category you are listed for: Open [www.nipexng.com](http://www.nipexng.com) and access NJQS with your log in details, click on continue Joint Qualification Scheme tool, click check my supplier status and then click supplier product group.

D. If you are not listed in these product/service categories, and you are registered with DPR to do business in both these categories, please contact NipeX office at 30, Oyinkan Abayomi Drive, Ikoyi Lagos with your DPR certificate as evidence for review and necessary update.

E. To initiate and complete the JQS prequalification process, access [www.nipexng.com](http://www.nipexng.com) to download the application form, make necessary payments and contact NipeX office for further action.

**Nigerian Content:**

Star Deep Water Petroleum Limited is committed to the development of the Nigerian Oil and Gas business in observance with the Nigerian Oil and Gas Industry Content Development Act 2010 (NOGICD Act) enacted by the Federal Government of Nigeria in April 2010.

Pursuant to enactment of the NOGICD 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 of the Act and any other target as may be directed by the Nigerian Content Development and Monitoring Board (NCDMB).

Contractors shall comply with the provisions of the NOGICD Act and all applicable regulations. Bidders that do not meet the Nigerian Content criterion will not be allowed to participate in next Tender Stage.

The following are the Nigerian Content requirements bidders are expected to comply with in their technical bid submission.

1. Demonstrate that the entity is a Nigerian Registered Company, or a Nigerian Registered Company in genuine alliance or joint venture with foreign company with details on scope and responsibilities of parties for this work. Such companies must show evidence of joint venture binding agreement duly signed by the CEO of both companies including evidence or plans of physical operational presence and set-up in Nigeria.

2. Furnish details of company ownership and shareholding structure. Also submit clear photocopies of your CAC Forms CO2 and CO7
3. Provide evidence of the percentage of 1) key management positions that are held by Nigerians and 2) total work force that are Nigerians. Also, show overall percentage of work to be performed by Nigerian resources relative to total work volume.
4. Provide a Nigerian Content Plan with a detailed description of the role, work scope, man-hours and responsibilities of all Nigerian companies and personnel that will be involved in executing the work. Also provide details of Nigerian Content contact or manager.

E. State proposed total scope of work to be performed by Nigerian personnel (whether contracted directly or under subcontract agreements) with names and addresses including evidences of well equipped offices and workshop; attach past experience of such patronage.

F. Specific to this project, provide detailed plan for staff training and development on engineering, project management and procurement (including all software to be used, number of personnel, name of organization providing such training and evidence of past training record) for Nigerian personnel including description of any specific programs in place for transfer of technology and skills to indigenous businesses and Nigerians over the next five (5) years.

G. Provide evidence of domiciliation of project management and procurement centers in Nigeria with physical addresses (not P.O. Box).

H. Location of in-country facilities, (Equipment, storage, workshops, repair & maintenance facilities and, testing facilities).

I. Contractor must be willing and able to provide evidence of maximization of made in Nigeria goods and services

J. Provide details on any other Nigerian Content initiative your company is involved in.

K. Provide evidence of MOU with OGTAN registered trainer to conduct classroom module of training and on the job attachment

L. Provide human capacity building development plan including budget which must be minimum 10% of project man-hours or cost. Training will be targeted at developing capacity other than bidder's personnel. Trainees will be nominated from a database maintained by NCDMB and the services of OGTAN registered trainers utilized to cover classroom modules.

M. Provide details of equipment ownership.

N. Bidders (Vendors, Original Equipment, Manufacturers-OEMs, and EPC Contractors; are required to present Nigerian Content Equipment Certificate (NCEC) issued by Nigerian Content Development and Monitoring Board (or evidence of application for the certificate) in respect of any components, spares, equipments, systems and packages to be used in the proposed project under tender.

O. All Bidders for a project/contract/service with a completion period of 12 months or more are required to submit as part of the Nigerian Content requirement, a signed Memorandum of Agreement (MOA) between it and one of the research and development (R&D) Clusters established by the Nigerian Content Development & Monitoring Board (NCDMB). The MOA shall be relevant to the project and shall indicate how the Bidder intends to use the relevant R&D Clusters during project execution.

**Close Date:**

Only bidders who are registered with NJQS Product/Category 3.09.04 (Geophysical and Hydrographic Site Survey Services) by 4:00pm, 16, April, 2014 being the advert close date shall be invited to submit technical bid.

**Please note the following:**

1. Suppliers eligible for this tender opportunity are expected to be prequalified in NJQS under this product/service category.
2. The Invitation to Tender (ITT) and any further progression of this tender shall be via NipeX.
3. All costs incurred in preparing and processing NJQS prequalification shall be solely to the contractor's accounts.

4. This advertisement shall neither be construed as any form of commitment on the part of Star Deep Water Petroleum Limited to award any contract to any company and or associated companies, sub-contractors or agents, nor shall it entitle prequalified companies to make any claims whatsoever, and/or seek any indemnity from Star Deep Water Petroleum Limited and or any of its partners by virtue of such companies having been prequalified in NJQS.

5. The tendering process shall be the NNPC contracting process requiring pre-qualified companies to submit technical tenders first. Following a technical review, only technically and financially qualified contractors will be requested to submit commercial tenders.

6. Star Deep Water Petroleum Limited will communicate only with authorized officers of the pre-qualifying companies and NOT through individuals or Agents.

Please visit NipeX portal at [www.nipexng.com](http://www.nipexng.com) for this advert and other information. Star Deep Water (a chevron Corporation affiliate) is the operator of the Agbami Field. Other participants are Famfa Oil Limited, Nigerian National Petroleum Corporation (NNPC), Texaco Nigerian Outer Shelf Inc. (a chevron Corporation affiliate), Staoil Nigeria Limited, and Petroleo Brasileiro Nigeria Limited.

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