



**NIGERIAN PETROLEUM DEVELOPMENT COMPANY LIMITED (NPDC)**  
**(A SUBSIDIARY OF NIGERIAN NATIONAL PETROLEUM CORPORATION)**  
62/64 SAPELE ROAD,  
P.M.B. 1262 BENIN CITY, NIGERIA



## **TENDER OPPORTUNITY: PROVISION OF 3D FIELD MAPPING OF OML 119 SUBSEA AND FLOATING FACILITIES**

### **1.0 INTRODUCTION:**

Nigerian Petroleum Development Company (NPDC), a subsidiary of NNPC plans to put in place contract to facilitate the implementation of its strategic Business Plans. NPDC therefore invites reputable and competent companies for the **PROVISION OF 3D FIELD MAPPING OF OML 119 SUBSEA AND FLOATING FACILITIES.**

### **2.0 SCOPE OF WORK:**

The scope of works for the project shall include but not limited to the following below:

- I. Measurement of subsea wellhead verticality.
- II. Performance of jumper, flowline metrology.
- III. Detection and measurement of mooring chain pits and chain link wear.
- IV. Generation of 3D geo-registered "as built" /"as-found" models of all structures on the seabed including all existing Christmas trees; all flow-lines and umbilical system; Okpoho platform jacket; Mystras FPSO mooring system; Calm Buoy offloading systems; All existing subsea pipelines systems in block; Develop an integrated 3D and AutoCAD version of all subsea and floating systems.
- V. 3D Acoustic Imaging of all buried pipelines, cables and umbilical which includes Continuous data coverage of pipeline and surrounding medium; Minimum of 4m swath with 100% coverage / capacity of multiple swaths than together can form wider corridor; Minimum data density of 100 data points per m<sup>2</sup> 3D data volume of 20cm<sup>3</sup> voxel size or less; Data image of sufficient quality to permit identification of integrity issues such as out of spec depth coverage, free spans, out-of-straightness, non-ferrous objects close to pipeline etc.
- VI. The real-time fusion of the 3D laser and 3D sonar data with the vehicles' navigation and control systems to produce high quality, motion-compensated 3D models that can be geo-spatially registered, enabling end users to geographically register inspection data in world-view database applications such as ARC-GIS, AutoCAD and PDMS. These models and point clouds shall be used to clash check new designs for further field development in Okpoho field.

### **Contract Strategy:**

The Strategy is to engage the service of a competent contractor to execute the services for a period of Six (6) months. Following this advertisement, companies will be evaluated based on approved technical evaluation criteria. Contract shall be awarded to the lowest competitive and most responsive bidder.

### **3.0 MANDATORY REQUIREMENTS:**

1. To be eligible for this tender exercise, interested Companies are required to be pre-qualified in the **3.15.03 (Subsea Services)** and **1.01.13 (Subsea Equipment and Accessories) – Product/Services category** in NipeX Joint Qualification System (NJQS) database.
2. **All successfully pre-qualified suppliers in the category will receive Invitation to Tender (ITT) document for the Technical phase of the tender.**
3. To determine if you are pre-qualified: 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.
4. If you are not listed in product/service category and you are registered with DPR to do business, contact **NipeX Office at 8/10 Bayo Kuku Street, Ikoyi, Lagos** with your DPR certificate as evidence for verification and necessary update.
5. To initiate the JQS pre-qualification process, access [www.nipex-ng.com](http://www.nipex-ng.com), click on services tab followed by NJQS registration.

6. To be eligible, all tenders must comply with the Nigerian Content requirements in the NipeX system.

#### **4.0 NIGERIAN CONTENT REQUIREMENTS:**

##### **NOTE: Failure to meet Nigerian Content REQUIREMENT IS A "FATAL FLAW"**

As requested by the Nigerian Oil & Gas Industry Content Development Act 2010, each Contractor will be required to:

1. Demonstrate that the entity proposed for execution of the service, is a Nigerian Registered Company, or Nigerian Registered Company as the contracting entity 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. International or multinational companies working through a Nigerian subsidiary must demonstrate that a minimum of 50% of equipment to be deployed for execution of the work shall be owned by the Nigerian subsidiary by providing a list of equipment for this tender and including those that will be owned by the Nigerian subsidiary.
3. Furnish details of company ownership and shareholding structure with photocopies of Forms CAC2 and CAC7.
4. Provide evidence of what percentage of its key management positions are held by Nigerians and what percentage of the total work force are Nigerians. And also show overall percentage of work to be performed by Nigerian resources relative to total work volume.
5. Provide a Nigerian Content Plan with detailed description of the role, work scope, man-hours and responsibilities of all the Nigerian companies and personnel that will be involved in executing the work also provide details of Nigeria Content focal point or manager
6. State proposed total scope of work to be conducted by Nigerian personnel (whether contracted directly or under subcontract agreements) with names and addresses including evidences of well-equipped offices and workshop.
7. Provide detailed plan for staff training and development.
8. Provide detailed description of the location of in-country offices.

Interested Companies are to note that pursuant to NPDC (NNPC) and Federal Government Policy to provide opportunities for Nigerian contractors and the development of local expertise, all the applicants must comply fully with the NOGICD Act to give preference to Nigerian companies or foreign companies with Nigerian affiliate and local ownership, which demonstrate willingness to execute the project to the satisfaction of the Nigerian Content requirements and guidelines. Each applicant is enjoined to avail themselves of the requirements of the Nigerian Oil and Gas Industry Content Development (NOGICD) Act for full compliance.

Nigerian Petroleum Development Company on behalf of the Joint Venture partners is committed to fully comply with the requirements of the NOGICD Act. In maximizing the local content of this project, pre-qualifiers are requested to give full details of their strategy for the local content implementation in order to comply fully with the law.

In compliance with NOGICD Act requirements for Research & Development therefore, the following should be noted:

- 1) All Operators or project promoters in the Oil and Gas industry launching service contracts or other applicable projects with completion period of 12 months and above shall provide R&D implementation arrangement with at least one applicable R&D cluster approved by the Board as part of the Operator's Nigerian Content Plan for the project or service. The arrangement shall be in the form of a Memorandum of Agreement (MOA) and indicate how the Operator will deploy the Cluster for any R&D requirements during the contract phase and the first five years of the service life of the field, facility or plant.
- 2) All Operators are to include in their ITT documents, a requirement that any service company bidding for such a project shall submit as part of Nigerian Content requirement, a signed MOA between it and one of the R&D Clusters relevant to the project. All service companies are required to sign an MOA with any of the research Clusters. The MOA shall indicate how the service company intends to use the relevant research Clusters during project execution to the satisfaction of the Board. The MOA shall form part of the documents to be reviewed at technical evaluation stage.

#### **5.0 CLOSING DATE:**

Only Tenderers who are pre-qualified with **3.15.03 (Subsea Services)** and **1.01.13 (Subsea Equipment and Accessories)**– NJQS product/Services code as at **15:00hours of Thursday, October 15, 2018, being the advert closing date shall be invited to submit Technical Bids.**

#### **6.0 ADDITIONAL INFORMATION**

1. All costs incurred in preparing and processing NJQS prequalification and responding to this Tender Opportunity shall be to the Contractor's own account.
2. This Advert shall neither be construed as any form of commitment on the part of OPERATOR to award any contract to any Contractor and or associated contractors, sub-contractors or agents, nor shall it entitle Prequalified Contractors to make any claims whatsoever, and/or seek any indemnity from OPERATOR and/or any of its partners by virtue of such Contractors having been pre-qualified in NJQS.
3. The tendering process shall be undertaken in accordance with the NNPC contracting process in compliance with Public Procurement Act 2007
4. NPDC will communicate only with authorized officers of the qualifying Companies at each stage of the Tender process, as necessary, and will NOT communicate through individuals or appointed Agents.
5. Please note
  - Notwithstanding the pre-qualification in NipeX NJQS, NPDC is neither committed nor obliged to include your company on any bid list or to award any form of contract to your company and/or associated companies, sub-contractors or agents.
  - **Only pre-qualified companies in the appropriate service/supplier Categorization shall be invited for tendering.**
  - NPDC will not enter into correspondence with any company or individual on why a company was short-listed or not short-listed.

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

**Disclaimer**

This advertisement of "Tender Opportunity" shall not be construed as a commitment on the part of NPDC/NNPC, nor shall it entitle companies to make claims whatsoever and/or seek any indemnity from NPDC/NNPC and/or any of its partners by virtue of such companies having responded to this advertisement.

