

## **Mobil Producing Nigeria Unlimited**

### **An ExxonMobil Subsidiary**

### **Operator of the NNPC/MPN Joint Venture**

### **Tender Opportunity:**

### **Provision of Subsea Automated Ultrasonic Testing Services for MPN**

#### **1. Introduction**

Mobil Producing Nigeria Unlimited (MPN), operator of NNPC/MPN Joint Ventures plans to engage Subsea Advanced Ultrasonic Testing service for MPN on its Offshore locations within the NNPC/MPN Joint Venture (JV) acreage for an anticipated contract term of two (2) years with a one (1) year optional renewal period. Contract is expected to commence in the 2<sup>nd</sup> quarter of 2012.

#### **2. Scope of Work**

Mobil Producing Nigeria requires the services of qualified and competent contractors to conduct Subsea Automated Ultrasonic Testing of subsea pipelines within the Joint Venture Operations field, as part of the inspection program scheduled to run from 2012 to 2015.

Contractor shall provide Subsea Automated Ultrasonic Testing (AUT) examination services for sub-sea pipelines at water depth of up to 200 feet Manual UT probe shall be available as substitute where the required AUT inspection is not feasible. All probes and equipment shall be suitable for intended work and shall be suitable for use to up to 200 ft of water depth.

System shall be able to perform statistical analysis of inspection data and provide UT grid maps at a resolution of 1mm or less in each axis to characterize pits, local thin areas and any other indications observed.

Company requires contractor to provide qualified personnel and equipment to perform the inspection as follows:

## Results Reporting

- Reports for each item inspected in color print out (hardcopy) and electronic (soft copy) formats in a manner suitable for performing Fitness for Service (FFS) assessments
- All AUT raw data (all wall thickness data in Microsoft Excel or compatible format)

Equipment required to perform WORK shall include, but not limited to:

- Automated UT (AUT) Corrosion Mapping/Scanning Equipment
- Must be able to suitable for marine usage and subsea pipeline inspection
- Equipment shall have a minimum of 4 channels, be able to multiplex and MUST pulse-on- position (POP) not time based. Shall be capable of recording the complete RF waveform (A-scan) and data, concurrent with scanning positions, to facilitate the analysis of the data by a third party and/or MPNU and assure the repeatability/comparison with subsequent examinations.
- The AUT system shall be capable of performing fully automated scans with mechanized scanners having a minimum of 2-axis. The scanners shall be capable of performing scans on pipeline of up to 42" pipeline size. MPN will specify pipelines to be inspected prior mobilization. Additionally, manual scanners should be available as substitute where the required AUT inspection is not feasible
- The AUT equipment software shall be capable of providing A-Scan, B-Scan and C-Scan displays for pulse-echo corrosion mapping and flaw detection examinations
- The software shall be capable of outputting the various displays (C-Scan, D-Scan) into a collective view such that the numerous scans required for a vessel can be globally viewed; i.e. rollout or other format such as ACAD. Time of Flight Diffraction (TOFD) examination data shall be able to provide D-Scan displays, and for girthweld corrosion inspection
- Sufficient amount of spare parts and/or components to assure little or no downtime. Equipment problems or failures that cause a few hours delays is considered Significant downtime and will not be acceptable

### 3. Mandatory Requirements

- a. To be eligible for this tender exercise, interested contractors are required to be pre-qualified in the 30701: Non-Destructive Testing (NDT) Product Group category in NipeX Joint Qualification Scheme (NJQS) database. **All successfully prequalified suppliers in this category will receive invitation to Technical Tender (ITT).**

b. To determine if you are prequalified 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.

c. If you are not listed in a product/service category you are registered with DPR to do business, contact NipeX office at 30 Oyinkan Abayomi Street, Ikoyi Lagos with your DPR certificate as evidence for necessary update.

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

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

#### **4. Close Date:**

Only tenderers who are registered with 30701: Non-Destructive Testing (NDT) Product Group category of NJQS category as **21<sup>st</sup> September 2011 by 4:00pm** being the advert closing date shall be invited to submit Technical bids

#### **5. 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 MPN 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 MPN 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.

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

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