



Tender Opportunity:

PROVISION OF SUBSEA SURVEY OF OFFSHORE PIPELINE SERVICES

NipeX Tender Number: MPN-0000280

1. INTRODUCTION

Mobil Producing Nigeria Unlimited (MPN) on behalf of Nigerian National Petroleum Company Limited (NNPC) / MPN Joint Venture intends to carry out Subsea Survey of Offshore Pipelines services of the COMPANY'S entire network of offshore pipelines located in Bight of Biafra in South-East Nigeria. The estimated number of pipelines in this survey is one hundred and fifty (152) offshore pipelines and the total estimated length of the pipeline network is about 1,450 km of subsea pipelines for crude, gas, condensate, water and NGL.

MPN therefore invites Tenders from suitable and reputable companies with Subsea Offshore Pipelines survey experience to apply for pre-qualification for the subject project for an anticipated contract term of five (5) plus two (2) year optional extension.

2. SCOPE OF WORK

The CONTRACTOR shall be required to conduct positioning, side scan sonar and Cathodic Protection (CP) measurement survey of the COMPANY'S entire network of offshore pipelines estimated at one hundred and fifty (150) offshore pipelines and total estimated length of pipeline of about 1,450 km of subsea pipelines for crude, gas, condensate, water and NGL.

Pipeline Survey Using Dive Support Vessel (DSV) Equipped with ROV

- Positioning Survey (i.e. measurement of pipeline route coordinates) of inter-platform and trunk pipelines. Survey shall show the seabed bathymetry in the pipeline right-of-way, the x-y-z position of the pipeline and all features attached and in the right-of-way.
- Survey of relative movement, seabed features, burial exposure, suspension (scouring and free span), debris, stabilization features, pipeline crossing and cables.
- Cathodic Protection (CP) Survey: Check pipeline crossing for CP interference, following pipeline coordinates which shall be provided by MPN to ease traceability. Each pipeline crossing must be checked for CP interference.
- Environmental Conditions Survey.
Seawater temperature, salinity and resistivity measurements are to be recorded once daily to support the calibration of the equipment. A record of the measurement is to be included with the final report.
- Platform Approach & Riser Survey.
ROV survey with pipe tracker and scanning sonar of pipeline platform approaches to the extent of 500m zone.
- Steel Piled Jacket Subsea Inspection Survey.
ROV inspection of subsea jacket structure and appurtenances from splash zone to seabed. Inspection scope include:

Pipeline survey using Autonomous Underwater Vehicles (AUVs)

- Positioning Survey (i.e. measurement of Pipeline route coordinates) of inter platform and trunk pipelines using AUV-mounted side scan sonar or other applicable equipment.
- Perform Seabed bathymetry in the pipeline right of way, the x-y-z position of the pipeline, and all features attached and in the right of way for referred corridor, using side scan and multi beam sonar attached to the AUV.
- Survey of relative movement, seabed features, burial exposure, suspension (scouring and free span), debris, stabilization features, pipeline crossing and cables. Contractor shall perform this with Side scan sonar equipped with Edge tech 2205 system or equipment with equivalent capability to distinguish interferometric bathymetry. Equivalent equipment shall be pre-approved by Company.
- Measurement of seawater conductivity, temperature, and density once daily during the survey exercise using CTD + Doppler Velocity Log (DVL) to support the calibration of the equipment. A record of the measurement is to be included with the final report.
- Determine bottom conditions via Multi-Beam Sonar (MBES) and Side scan Sonar (SSS) data sets.

Inspection Survey using Mini-ROVs:

- Cathodic Protection Measurement on the riser at both ends of the pipeline using mini ROV equipped with contact or non-contact CP. All subsea CP potential readings shall be referenced to Ag/AgCl reference electrode. Criterion for Cathodic protection of a pipeline shall be -800mV. Each reference cell shall be calibrated in accordance to the DsV recommended practice RP B403, "Monitoring of Cathodic Protection Systems," March 1987. The calibration readings of the reference cells shall be reported in the draft and final reports.
- Riser Inspection: General visual inspection of Risers, Close visual inspection of risers, riser clamps, clamp stub connection to jacket structure, J tube condition and interaction with sea bed.
- Steel Piled Jacket Subsea Inspection using Mini ROVs:
Conduct inspection of subsea jacket structure and appurtenances from splash zone to sea bed.

Reporting and Documentation

Pipeline position (easting, northern & KP), profile and bathymetry at 1m intervals on the entire pipeline.

All pipeline events observed. For each event the following data is to be recorded as appropriate: Pipeline position (easting, northing & KP), profile, bathymetry, event type & description, distance, location, height, width, length, CP reading.

Where possible, the information gathered shall be compared with data from previous pipeline surveys (as provided by MPN). The contractor will review trends and report any findings.

The survey shall be entirely conducted using the official MPN datum shift parameters and no other. The subject parameters will be provided by MPN Marine Department.

Additional Work: Additional investigation surveys or work may be required as directed by the Company Representative. All additional work will be reimbursed at agreed rates.

3. MANDATORY REQUIREMENT

- To be eligible for this tender exercise, interested contractors are required to be prequalified in PROVISION OF SUBSEA SURVEY OF OFFSHORE PIPELINES SERVICES: 1.09.07; 1.13.02; & 3.06.07 Product Category codes in NipeX Joint Qualification Scheme (NJQS) database; ensure all prospective Tenderers are NJQS compliance and up to date with active (live) status at the Advert close date. All successfully prequalified suppliers in this category will receive Invitation to Technical Tender (ITT).
- To determine if you are prequalified and view the product/service category you are listed for: Open www.vendors.nipex-ng.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.
- If you are not listed in a product/service category you are registered with NUPRC to do business, contact NipeX office at 27b Oyinkan Abayomi Drive, Ikoyi, Lagos with your NUPRC certificate as evidence for necessary update within the stipulated Advert window.
- To be eligible, all tenders must comply with the Nigerian Content requirements in the NipeX system.

4. NIGERIAN CONTENT

Mobil Producing Nigeria Unlimited is 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).

NNPC/ MPN JV requires their Contractors to comply with the Act, its attached Schedule and any applicable regulation developed by the NCDMB.

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 registered in Nigeria in accordance with the provisions of Companies and Allied Matters Act with not less than 51% equity shares by Nigerians.

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

As part of their technical tender submissions, Tenderers shall:

- Demonstrate that entity is a Nigerian registered company. Submit certified true copies of CAC forms 10, 02 & 07 (or its equivalent; CAC 2.3, 2.4, 2.5, etc.) including company memorandum & article of association and/or evidence of entity's incorporation, shareholding & ownership structure in Nigeria. Tenderer shall provide evidence of registration on NOGIC JQS and NUPRC certificate.
- Tenderer shall provide evidence Category 1,2,3,4 or 5 Quality Inspection and Quality Control (QS) group NCEC, to demonstrating Nigerian ownership of underwater pipeline equipment survey not limited to ROV, AUVs, mini ROVs to execute the work scope.
- All vessel (not limited DSV and other support vessels) to be utilized shall possess Nigerian Content Marine Vessel Certificate (NCMVC) demonstrating Nigerian ownership."
- Provide evidence of what percentage of your key management positions is held by Nigerians and what percentage of the total work force are Nigerians. Also, show overall percentage of work to be performed in Nigeria and those by Nigerian resources relative to total work volume.
- Tenderer shall comply with the latest approved version of NCDMB HCD guideline by committing (via a letter of undertaking) to providing Project-Specific training, man-hour, budget, skill development and understudy plan for Nigerian personnel utilizing OGTAN registered trainer(s) or other approved NCDMB training institution(s).
- Tenderer shall provide Location of in-country facilities (not limited to administrative office) to execute the work scope.

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

5. CLOSING DATE

Only Bidders who are pre-qualified and 'live' with NJQS products/Categories 1.09.07; Rectifiers, Test, Transformers. 1.13.02; ROVs, ROV TOOLS, & 3.06.07 (Subsea Pipeline Protection Services) by 16:00 HOURS, Wednesday, October 16, 2024, being the advert close date, shall be invited to submit technical bid.

6. ADDITIONAL INFORMATION

- Interested Suppliers must be prequalified for this product/ service category in NJQS.
- Full tendering procedure will be provided only to Contractors that have been successfully prequalified in NJQS.
- 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.
- 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.
- NNPC/MPN reserves the right to reject any and or all prequalified suppliers at its sole discretion and at no costs whatsoever.
- All costs incurred in registering and prequalifying for this and other product/service categories in NJQS shall be borne solely by Suppliers.
- Suppliers that are prequalified for this product/ service category in NJQS must ensure that the name and contact details (physical address, email address and telephone number) of their company and authorized/ responsible personnel is up to date in their company profile in the NJQS database.
- MPN shall communicate only with the authorized/ responsible personnel of prequalified companies and not through unauthorized individuals or Agents.

NCDMB CERTIFICATION: ES/NCDMB/MPN/ADV/UPD/10924/SUBSEA SURVEY OF OFFSHORE PIPELINES AT MPN.

Please visit the NipeX Portal at www.vendors.nipex-ng.com for this Advert and other information.