

**Mobil Producing Nigeria Unlimited**  
**An ExxonMobil Subsidiary**  
**Operator of the NNPC/MPN Joint Venture**

**Tender Opportunity: Provision of Gravel & Frac Pack Pumping Services**

**NipeX Tender Number: 0400250**

**(1.0) Introduction**

Mobil Producing Nigeria Unlimited (MPN) operator of the NNPC/MPN Joint Venture (JV) plans to carry out Gravel and Frac Pack Pumping Services on its offshore exploration, appraisal, and production location(s) in NNPC/MPN JV acreages. Anticipated contract term is two (2) years with an additional one (1) year option period. Contract commencement is expected in the second (2nd) quarter of 2017.

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

**(2.0) Scope of Work**

Tenderer(s) will be required to provide Gravel & Frac Pack Pumping tools, personnel and associated services.

The scope of work shall involve provision of personnel, equipment, materials and services for gravel packing services on low pressure (<5000 psi surface working pressure) and high pressure (>5000 psi surface working pressure) wells located on fixed platforms in offshore Nigeria (water depth between 100-300ft MSL). The gravel packing services will be required for all deviated wells (<75 degrees) well as the primary means of sand control. Pumping services for all the wells will be required to assist with stimulations (acid, solvent), offline well kill operation and well under balanced fluid displacements for well kick off.

Services required will include but not limited to engineering pre-job design and fluid and core return permeability testing, procurement of materials, execution of high rate water packs, viscous slurry / gel packs, frac packs, acid stimulations, with both gel and foam diverters, solvent treatment, offline well kills and under balance displacements.

Equipment / consumables requirements for the gravel pack operations, includes but are not limited to high power pumps capable of pumping up to 12 BPM slurry of 6PPA concentration, blenders, storage tanks, high pressure flexible pipes, flow-meters, flow back tanks, hard pipe etc. Consumables includes gravel pack sand, gravel pack carrier fluid and all additives necessary to make the carrier fluid such as acid, solvent and foam etc.

Adequate equipment shall include back-up equipment for use during periods of scheduled and unscheduled maintenance. Contractor's staffing plan shall allow for scheduled and unscheduled "time off" without affecting ongoing services for Company.

**Contractor's responsibilities Include:**

- (i) Project Coordination (including Project Management and Job Planning System).
- (ii) Onsite Supervision including but not limited to:
  - (a) Liaison with all affected Rig and Platform personnel as appropriate.
  - (b) Coordination of all services supplied.
  - (c) Equipment rig up, test and operation.
  - (d) Provision of well-site data as requested by Company's representative(s).
  - (e) Preparation and distribution of detailed end of well reports,
- (iii) Technical support including but not limited to:
  - (a) Ensuring all equipment is suitable in design and condition for the anticipated well conditions.
  - (b) Provide load bearing/ tube movement calculations.
  - (c) Fluid compatibility and return permeability testing
  - (d) Gravel pack sand calculations
  - (e) Detailed job procedure / technical specifications of all the equipment.
  - (f) Work planning and execution.
  - (g) Rig and Platform Surveys to establish equipment needs equipment layout and utility requirements.
- (iv) Perform the Work according to the SHE Management System in place for the Nigerian government and/or ExxonMobil Company (Company).
- (v) Perform the Work according to the requirements of the approved Quality Management System.

The work will be performed on up to three (3) Jack-Up drilling / workover rigs operating in offshore Nigeria. The Company's wells are drilled up to a depth of 16,000ftMD (most wells are below 12,000ftMD) and completed in unconsolidated multi-darcy formations that range in a pressure/temperature of 1500 psi /140 deg Fahrenheit to 8000 psi /275 degrees Fahrenheit. The majority of formations produce relatively benign fluids (standard temperature and pressure with no CO<sub>2</sub> or H<sub>2</sub>S) with the exception of the OSO condensate reservoir that is HPHT and contains CO<sub>2</sub>. Maximum anticipated production rate is approximately 15,000 BOPD. The wells are drilled with both Water Based Fluids (WBF) and Non Aqueous Fluids (NAF). Majority of wells require deviated trajectories (including horizontal) to intersect the objective zones. Typical wells will consist of the following:

- 30" Casing driven in place.
- 20" Casing at the 26" hole TD (drilled with salt water and gel sweeps).
- 3-3/8" Casing at the 17-1/2" hole TD (drilled with Water Based Mud or Non Aqueous Fluid).
- 9-5/8" Casing at the 12-1/4" hole TD (drilled with Non Aqueous Fluid).
- 7" Casing or Liner at the 8-1/2" hole TD (drilled with Non Aqueous Fluid).
- Some wells may require additional Casing such as 5".
- 27/8" – 5 1/2" Tubing.

### **(3.0) Mandatory Requirement**

(a) To be eligible for this tender exercise, interested Tenderers are required to be prequalified in the 3.04.33 (Gravel Packing Services) category in NipeX Joint Qualification Scheme (NJQS) database. All successfully pre-qualified 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.nipex-ng.com](http://www.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.

(c) If you are not listed in this product/service category and you are registered with DPR, please contact NipeX office at 30 Oyinkan Abayomi Street, Ikoyi Lagos with your DPR certificate as evidence for verification and necessary update.

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

(e) To be eligible, all tenders must comply with the Nigeria Content requirements in the NipeX system.

### **(4.0) Nigerian Content**

Company 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).

MPNU 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.

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:**

(a) Provide a description of its committed infrastructure (asset, equipment, technical office, and administrative space, storage, workshop, assembly area, repair, and maintenance, testing, laboratory, etc.) in Nigeria (offices, equipment etc.) to support this contract, evidence that a minimum of 50% of all equipment deployed to work by multinational and international companies are owned by the Nigerian subsidiary.

(b) Demonstrate that its entity is a Nigerian registered company, defined as a company registered in Nigeria in accordance with the provision of Company and Allied Matters Act Provide details of its Ownership Structure. Submit certified true copies of CAC form (C02 and C07) including Memorandum and Article of Association. 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.

- (c) Submit a plan on how it intends to give first consideration to goods and services provided from within Nigeria, to meet 95% man-hours and 90% Spend NC targets for Pumping Services and Procurement of Chemicals respectively in line with the requirements of the Act.
- (d) Demonstrate key Management positions that are Nigerian Nationals and the percentage of the Company total workforce (direct and in-direct employees) that are Nigerians
- (e) Submit a plan on how it intends to provide Human Capacity Development and Personnel Training
- (f) Submit evidence of Memorandum of Agreement (MOA) with NCDMB approved R&D cluster for the execution of the R&D activities.
- (g) Provide evidence of application for Nigerian Content Equipment Certificate (NCEC) issued by Nigerian Content Development and Monitoring Board (in respect of any components, spares, equipment, systems and packages to be used on the project

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

**Close Date**

Only tenderers who are registered in the 3.04.33(Gravel Packing Services) category in NipeX Joint Qualification Scheme (NJQS) database as **at Thursday, April 28<sup>th</sup> 2016** being the advert closing date shall be invited to submit Technical Bids.

**(6.0) 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

(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 is up-to-date in their company profile in the NJQS database.

(g) MPN 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.**

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