

Enageed Resource Limited

Tender Opportunity for the Provision of Drilling & Completion Services to Support Swamp/Land Drilling and Completion Operations

(1.0) Introduction

Enageed Resource Limited (Company), operator of OPL 274 Onshore Nigeria, invites interested and qualified companies to participate in the bid process for the provision of the under listed services required for its drilling and completions program

The services shall continue for a primary term of two (2) years with one (1) year optional extension on same terms and conditions.

Note: Interested companies must be prequalified in the respective NJQS Product/Services Category.

(2.0) Scope of Work/Services Required

The anticipated commencement date for the land drilling and completion program is Q3-2015 while the swamp drilling is expected to start in Q2-2016. The well program shall involve the drilling and completion of an estimated twelve (12) land wells and two (2) wells on swamp locations, subject to a detailed work program to be issued at the ITT stage.

Interested bidders shall be able to provide services in compliance with relevant API, Industry and Company's recommended standards. Below are the services required and the relevant NJQS category codes:

Description of Service	NJQS Category	NipeX No	Brief Scope of Work
Gyroscopic North Seeking Services	3.04.29	3800046	Contractor shall provide and maintain minimum equipment level at Company's well location required to perform Gyroscopic North Seeking Survey Services on Call-Out basis in a safe, timely and environmental friendly manner. Contractor must be able to provide Gyro Tools/Equipment and Services for deviated wells including but not limited to the following:

- Battery operated memory single-shot / multi-shot North Seeking Gyro services deployable by Drop, wireline or slickline
- Single-shot / multi-shots surface readout North Seeking Gyro
- Multi-axis Gyro sensor multi-shots continuous North Seeking Gyro
- North – Seeking Gyroscopic probe operational in MWD collar of various major directional drilling contractors
- GR7CCL subs to run in some applications with North Seeking Gyro tools
- Mono cable or multi-conductor wireline unit and accessories
- Gyro While Drilling (GWD) Tools
- Wireline pressure control equipment
- All other related equipment, consumables, spare parts, tools and experienced Gyro Engineers necessary to satisfactorily perform the above services.

Contractor shall provide and maintain minimum equipment level at

Company's well location required to perform Directional Drilling & MWD/LWD Tools and Services on Call-Out basis in a safe, timely and environmental Friendly manner. Contractor shall provide but not limited to the

Directional Drilling &
MWD/LWD Tools and
Services

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3.04.31

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following services for drilling deviated and/or horizontal wells:

- Qualified and experienced MWD/LWD/DD Engineers
- Downhole while drilling directional drilling measurement monitoring (inclination, azimuth. tool face).
- Downhole while drilling resistivity, gamma ray real-time measurements
- Downhole while drilling density-neutron real-time measurements (NB: All nuclear sources should be retrievable or non-hazardous non-retrievable type).
- Downhole while drilling ECD and temperature real time measurements.
- Well placement and real-time drilling operations monitoring services.
- Complete set of equipment for Bottom Hole Assembly to perform directional drilling (mud motors, Rotary Steerable Systems, stabilisers, crossovers, jars etc.) to drill to requested trajectory.
- Software and hardware for survey data management, well planning, anti-collision scan, BHA behaviour prediction, torque and drag calculations and hydraulics calculations and sag corrections.

Wireline Loosing

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Contractor shall provide and maintain minimum

Services

equipment level at Company's well location required to perform Wireline Logging Services on Call-Out basis in a safe, timely and environmental friendly manner.

Services shall include but not limited to:

- Provision of Wireline Logging services for open and cased hole in vertical, deviated or horizontal wells
- Wireline operation shall have real time data transmission capability of logging data to Company office. Company shall provide the data link between the rig-site and the remote locations. Contractor shall provide the hardware and software.
- Provision of all equipment, materials, tools (including backup tools or equipment) and personnel required to perform the work.
- Contractor shall obtain all permits, approvals and procedures to use, maintain and transport radioactive substances as required by Nigerian and International regulatory agencies including DPR, National of Atomic Energy, FEPA, Mines and Power.

Contractor shall provide and maintain minimum equipment level at Company's well location required to perform Mud Logging Services on Call-Out basis in a safe, timely and environmental friendly manner

Services shall include but not limited:

- Provision of Mud Logging and geological surveillance Services and associated operations, including formation cuttings sampling and analysis, ga

Mud Logging Services

3.04.07 3800069

detection analysis and evaluation: advanced kick detection and monitoring, drilling and mud parameters monitoring; pore pressure evaluation and prediction.

- Formation compaction analysis, preparation of Master Log, plots and reports; engineering and miscellaneous general services with all contractor equipment.

- Provide personnel in the capacity of Mud Logging Geologist, Data Engineers with relevant experiences on the field.

- Contractor is expected to maintain key data such as Lag Calculation, Pore Pressure estimates etc. current at all times. All chats and screens must be correctly annotated at all times.

Contractor shall provide and maintain minimum equipment level at Company's well location and/or Contractor's facility required to perform Tubular Inspection Services on Call-Out. Services shall include but not limited to:

Tubular Inspection Services

3.07.98/
3.04.40

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- Provide Tubular Inspection Services, including detailed Inspection Reports, per following; Warehouse Controlled Items – includes New Arrivals, Rig Returns, Workover Strings Returns, Re-Inspections. etc.,

- Drilling Controlled Items – Includes Work Strings, Production Strings, etc.,

- Other Drilling related Inspection Services and valuation of new Casings, Liners, Pup Joints and Subsea Wellhead/Accessories and preparation of an inspection report.
- Contractor shall lead, oversee, and manage OCTG Tubular in Company or Contractor's Base.

Contractor shall provide and maintain minimum equipment level at Company's well location and/or Contractor's facility required to perform Drilling operations. Services shall include but not limited to:

- Provide drilling bits; comprehensive bit proposal for each hole section on request: high quality engineering support; inspection, maintenance and

- Repair of drilling bits: warehousing and stock management services for bits and accessories.

Drill Bits Services 1.01.12 3800057

- Contractor shall be required to have expertise and sufficient inventory of spares and equipment to deploy to Company drilling operations
- Drilling bit performance benchmarking and end of section reports shall be issued by contractor. The bits must be suitable for rotary steerable application.
- Contractor shall provide bit engineering software for bit optimisation

Tubular Equipment (OCTG)	1.01.04	3800052	<p>Contractor shall provide and maintain minimum equipment level at Company's well location and/or Contractor's facility required for Company's well operations. Services shall include but not limited to:</p> <ul style="list-style-type: none"> · Provision of Large Outside Diameter Oil Country Tubular Goods (OCTG) from an Enagced Qualified/Certified Mill and services that comply with Company and industry standards and specifications in connection with drilling activities for Company Drilling Program · Contractor shall provide a comprehensive supply chain for OCTG equipment, various sizes, weights, and grades of OCTG materials (carbon and alloy of different sizes) from an Enagced Qualified/Certified Mill as specified by Company, manufactured and monogrammed to API 5CT and proprietary grades as appropriate, utilizing a Vendor Managed Stocking Program (VMSP). <p>Contractor shall be required to have expertise and sufficient inventory of spares and equipment to deploy to Company drilling operations</p>
Professional Consultancy and Manpower Services	3.99.18/ 3.99.19	3800072	<p>Contractor shall provide Professional Consultancy and Manpower Supply Services on Call-Out.. Services shall include but not limited to:</p> <ul style="list-style-type: none"> · Provide skilled, semi-skilled and unskilled personnel for Enagced's exploration, drilling and

production operations

- Bidder shall demonstrate capability to supply and maintain a database of highly trained personnel with the requisite skill, relevant professional and/or academic certification from a reorganized/accredited institution
- Contractor shall be required to have expertise and sufficient resume and personnel to engage for the Company's operations.

Note: The detailed Scope of Work with the full Technical Requirement and Specifications will be communicated to bidders at the ITT stage.

(3.0) Mandatory Tender Requirements:

(A) To be eligible for this tender exercise, interested bidders are required to be prequalified under the relevant NJQS Product/Service category specified in the table above. Suppliers pre-qualified under these product categories by the advert close date will receive an Invitation to Technical Tender (ITT).

(B) Please note that interested bidders including their sub-contractor(s) shall be required to:

(1) Meet all mandatory requirements as contained in the NipeX portal to be listed as "Prequalified" under a specific Category in the NJQS database.

(2) Meet all Nigerian Content requirements stated in this advert.

(C) To determine if you are pre-qualified and view the product/service category you are listed for:- Please Open www.nipexng.com in your web browser 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 this product/service category, and you are registered with DPR to do business for this category, please contact NipeX office at 30, Oyinkan Abayomi drive, Ikoyi Lagos with your DPR certificate as evidence for verification and necessary update.

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

(4.0) Nigerian Content

(A) Demonstrate that entity is a Nigerian indigenous service company with having 51% and above Nigerian equity shareholding in the ownership structure of the legal registered entity of tenderer in Nigeria and duly registered on the NCDMB NOGIC JQS as service providers under the applicable and relevant product category. Submit certified true copies of CAC forms 10. 02 & 07 (or its equivalent; CAC 2 3, 2.4, 2.5, etc) and other evidence of entity’s incorporation, shareholding & ownership structure in Nigeria. Maximizing Nigerian Content is a key contract priority, therefore Nigerian indigenous company in alliance with foreign and multinationals companies must provide evidence that the Nigerian indigenous company will be the lead and submit the binding memorandum of Agreement (MOA) of the alliance. This MOA will:

- (1) Be governed by the laws of the Federal Government of Nigeria.
- (2) Show scope of work each party will perform in executing the work scope.
- (3) Signed and dated by the Managing Director of both parties.
- (4) Show a schedule of the list of equipment and personnel that will be supplied to execute work scope.

(B) Provide evidence of the percentage of (i) key management positions that are held by Nigerians; and (ii) total work force that are Nigerians. Also, show overall percentage of work to be performed by Nigerian resources relative to total work volume.

- (C) Tenderer to provide verifiable evidence of detailed location of in-country facility of warehouse, office, yard Workshop, laboratory and camp (certificate of ownership, lease agreement, layout drawings and photographs) or a Binding Memorandum of Agreement, duly signed by the chief executive of both parties, Supporting an alliance with any existing in-country facilities' owner(s)
- (D) Provide details of project-specific training, man-hour budget, skill development and technology transfer plan for Nigerian personnel according to work scope. Include evidence of past performance on training and development for Nigerians nationals. Plan for sponsorship of Nigerians to acquire competence and/or certification
- (E) Tenderer shall demonstrate evidence of 50% ownership of equipment to be deployed for the work scope.
- (F) Provide evidence of approved Nigerian Content Equipment Certificate (NCEC) or status of the application submitted to NCDMB for the certificate.
- (G) 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.
- (H) All applicants shall demonstrate evidence of their registration on the NCDMB NOGIC JQS for the product category
- (I) Develop an employment and training plan which shall explain the contract hiring and training needs with a breakdown of the skills needed and anticipated skill shortage in the Nigerian labour force. Submit the list of personnel and job positions to be employed in executing the service. Positions to be occupied by expatriate and non-Nigerian nationals shall be supported by expatriate quota approvals by NCDMB

(J) Produce a list of work packages and third party services in the contract that should be reserved for Community Contractors.

(K) Produce a list of materials that will be procured from Nigerian Manufacturers. Applicants shall submit the list of products, materials and consumables for performing the service and the source of supply for each item.

(L) Produce a plan of how it intends to measure Nigerian Content Performance against set targets.

For Tubular Equipment (OCTG):

Applicants shall demonstrate evidence of ownership of OCTG threading facilities and equipment in-country including the certification level of the threading facility and machine shop.

Applicants shall demonstrate verifiable evidence of ownership of an in-country facility with certification and license accreditation for API & Premium thread manufacture for tubular threading of pipes and end connectors (i.e. connectors to plain-end pipes) including where tubular threading & machining of pipes & end connectors and welding of connectors to plain-end pipes would be performed in-country under license.

Procurement of Consumables, Material and Services

(a) Applicants shall demonstrate plan to subcontract drill pipe supply to local service companies.

(b) Applicants shall demonstrate plan to subcontract drilling jars supply to local service companies.

(c) Applicants shall demonstrate plan to subcontract the provision of electric cased hole logging services on the rig to local indigenous service companies.

(d) Applicants shall demonstrate plan to utilize Nigerian service providers, materials and products of Nigerian origin in procuring the following goods and services; e.g. catering,

housekeeping, security, waste disposal, rope access, tubular inspection, cleaning & repairs, calibration & re-certification of electric motors and equipment, blasting and painting, marine vessels hire, fuel and lubricants, medivac, insurance, etc.

(5.0) Closing Date:

Only bidders who are registered under the relevant NJQS Product/Category by 4.00pm (1600 hours) Monday, 20th April 2015 being the advert close date shall be invited to submit a technical bid.

Please note the following:

- (1) Suppliers eligible for this tender opportunity are expected to be prequalified in NJQS under the relevant 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 for bidder's account.
- (4) This advertisement shall neither be construed as any form of commitment on the part of Enageed Resource 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 Enageed Resource Limited and or any of its partners or affiliates by virtue of such companies having been prequalified in NJQS.
- (5) The tendering process shall be executed via 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) Enageed Resource Limited will communicate only with authorized officers of the pre-qualified companies and NOT through unauthorized proxies or Agents

Please visit NipeX portal at; www.nipexng.com for this advert and other Information