

# The Shell Petroleum Development Company of Nigeria Limited

Operator of the NNPC/SPDC/TotalEnergies/NAOC Joint Venture



## TENDER OPPORTUNITY: PROVISION OF SUBSURFACE CONSULTANCY SERVICES

### NipeX Tender Ref. No. SPDC.0000550 CW836227

#### 1.0 INTRODUCTION

The Shell Petroleum Development Company of Nigeria Limited (SPDC) in its role as Operator of the NNPC/SPDC/TotalEnergies/NAOC Joint hereby invites reputable and competent registered Nigerian companies with the requisite expertise, experience, skilled manpower and technology who are duly registered with the Nigerian Upstream Petroleum Regulator Commission (NUPRC) hereby announces to the interested and prequalified companies of the upcoming tendering opportunity for the Provision of Subsurface Consultancy Services for SPDC.

The proposed contract will commence in 2024 and remain active for five-year duration, followed by two-year extension option.

Please visit the Nigerian Petroleum Exchange Portal [www.nipex-ng.com](http://www.nipex-ng.com) for further details.

#### 2.0 SCOPE OF WORK

Scope of activities under this contract include the following:

##### APPLICATION & WORKFLOW SUPPORT SERVICES AND CONSULTANCY

###### a) HYDROCARBON RESOURCE & FORECASTING WORKBENCH (HFRW) SERVICES

- Provision of support for Venture Development Management (VDM) processes, Hydrocarbon Forecasting and Result Workbench (HFRW) and ARPR support across development, exploration and wells.
- Development Implementation & Support for HFRW, PERT & AIMS Applications; Provision of Advanced Data Analytics and Predictive Analysis, Decline Curve Analysis Automation and Venture Development Workflow Improvement
- Delivery of key business improvement projects.

###### b) TECHNICAL DATA MANAGEMENT (TDM) SUPPORT SERVICES

- Provision of Data gathering (Wells, Geology & Geophysics and Geolab data) & loading into the appropriate local & corporate databases (CDS, RECALL, EDM, PETROBANK MDS), ensuring that correct data is uploaded, and retrieval is seamless.
- Support Data Quality Improvements projects & initiatives and support resolution of data quality issues in subsurface databases. Drive Emergency Response Organization Portal Data Compliance.
- Provision of Onsite Technical Data Management (TDM) support for geological, geophysical, petrophysical and Reservoir Engineering data management services.
- Provision, support & embedding of Documents and Records Management services, ensure data quality of documents in EP Catalogue, File Plan Management, SharePoint Workspace Management.
- Provision & support for all data and document management activities by working with subsurface & Wells teams to ensure that data is received in industry-standard formats and stored according to corporate DM policies (EP 16).

###### c) TDM SUPERVISION/SUPPORT SERVICES (PROVISION OF SUBSURFACE TECHNICAL DATA MGT SERVICES)

- Technical support and basic technical data analysis used in the Upstream business related to the Technical Disciplines: Subsurface (Geology, Petrophysics, Reservoir Engineering, Production Technology and Geophysics), Wells Engineering and Production Engineering.
- Management of Corporate & Project data – includes raw/interpreted data retrieval and uploads of geophysical/geological/seismic, wells & reservoir, facilities/production data, etc to corporate data stores.
- Document Management: – retrieval, organizing and publishing of key business documents in the enterprise repositories

###### d) SEISMIC INTERPRETATION & RELATED SUPPORT DESK SERVICES

- Provision of specialist advice to users and formal / informal introductory training for Petrel, EDM and other SSW applications.
- Provision of first line and second line support for Geomatics, Well Engineering, Geology & Geological application support Services.

###### e) TECHNICAL COMPUTING SERVICES

- Provision of Facilities & Infrastructure (Virtual Reality Centres) support services to support subsurface Geoscience reviews.
- Deployment Management & Support of technical computing machines (servers, client's workstation, disks, plotters/printers) and Management/Installation of essential 3rd party software releases.

##### SPECIALIST GEOLOGICAL CONSULTANCY SERVICES

###### 2A: FORAMINIFERA & NANNOPLANKTON SERVICES

- Discipline QA/QC of Foraminifera & Calcareous Nannofossil well analyses results, slides and/or reports;
- Interpretation/Revalidation of Foraminifera Biostratigraphic Zones (Foram zones)
- Interpretation/Revalidation of Nannofossil Biostratigraphic Zones (Nanno zones)
- Interpretation/Revalidation of Maximum Flooding Surfaces (MFS)
- Interpretation of Paleoenvironments, Paleobathymetry, Biofacies and/or Nannofacies.

###### 2B: PALYNOLOGY AND STRATIGRAPHIC DATABASE MANAGEMENT SERVICES

- Discipline QA/QC of Palynological well analyses results, slides and/or reports
- Interpretation/Revalidation of Palynology Biostratigraphic Zones (Paly zones)
- Interpretation/Revalidation of Paleoenvironments and/or Palynofacies.
- Management of Stratigraphic database (Stratabugs) including discipline Chronostratigraphy charts, composite standards, schema and template updates

###### 2C: SEDIMENTOLOGY AND SEQUENCE STRATIGRAPHY SERVICES

- Discipline QA/QC of Sedimentological well analyses results, slides, descriptions and/or reports (GSA, XRD, Cores, etc)
- Delivery of Sedimentological data interpretations (Facies) and Core descriptions
- Delivery of Reservoir Depositional Conceptual Models
- Delivery/Revalidation of Sequence Stratigraphy interpretations and frameworks.

All services will be delivered by Nigerians, and all spend is in Naira.

#### 3.0 MANDATORY REQUIREMENTS

1. To be eligible for this tender exercise, interested contractors are required to be pre-qualified as essential service vendor in the:

- 3.02.23 – Subsurface IT Management Consultancy Services
- 3.02.19 – Subsurface Consultancy (Geophysical and Geological) (Product/Services) category in NipeX Joint Qualification System (NJQS) database. Only successfully pre-qualified suppliers in these categories will receive combined Invitation to Technical and Commercial Tender (ITT).

2. To determine if you are pre-qualified and view product/service category you are listed for, open vendors.nipex-ng.com and access NJQS with your login details, click on continue Joint Qualification Scheme tool, click check my supplier status and then click supplier product group.

3. If you are not listed in a product/service category you are registered with NUPRC to do business, contact NipeX office at No 8/10 Bayo Kuku Road, Ikoyi, Lagos with your NUPRC certificate as evidence for necessary update.

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

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

#### 4.0 NIGERIAN CONTENT REQUIREMENTS

Vendors are to demonstrate strict compliance with the provisions of Nigerian Oil & Gas Industry Content Development Act and also provide the following requirements:

1. 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.

2. Tenderers shall provide Cat. 1,2, 3, 4 and 5 NCEC for Service and Support Group (SS) or Consultancy (CS) NCEC Category, demonstrating capacity and capability to execute Application & Workflow Support and Specialist Geological & Subsurface Consultancy services.

3. 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.

4. 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).

5. Tenderer shall provide Location of in-country facilities (not limited to administrative office) to execute the work scope.

#### 5.0 CLOSING DATE

Only Tenderers who are registered in the relevant NJQS product categories as at 02/09/2024 being the advert close date shall be invited to submit combined Technical and Commercial bids at the same time.

#### 6.0 ADDITIONAL INFORMATION

- All costs incurred in preparing and processing NJQS prequalification shall be to the contractor's accounts.
- This advertisement shall neither be construed as any form of commitment on the part of SPDC 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 SPDC and/or any of its partners by virtue of such companies having been prequalified in NJQS.
- SPDC will communicate only with authorized officers of the pre-qualifying companies and NOT through individuals or Agents

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