



SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY LIMITED

TENDER OPPORTUNITY: CWS-NG- PROVISION OF ENVIRONMENTAL STUDIES AND SERVICES-SNEPCO

NIPEX TENDER NO: SNEPCO.00000161 TENDER REF: CW348865

1.0 INTRODUCTION

SHELL hereby announces to interested and prequalified companies an upcoming tendering opportunity for the **Provision of Environmental Studies and Services**. The proposed contracts will commence in **Q3 2020** and remain active for three (3) Years plus possible one-year extension option duration. **Please visit the Nigerian Petroleum Exchange Portal www.nipex-ng.com for further details.**

2.0 SCOPE OF WORK:

The scope of work shall include but not be limited to

• Service/Project Scope (Indicate scope of Nigerian Content):

The service to be provided in this proposed contract includes but not limited to the following:

1.Environmental Studies (EIA, EER, PIA and Noise Survey and Mapping)

- Determine the baseline environmental conditions (biophysical, socio-economic and health status).
- Determine the extent, magnitude and concentration of pollutants from the proposed project and operations.
- Determine the extent of impact of the proposed project on the environment;
- Identify socio-economic effects of the project on the communities including impacts on demographic change, natural and cultural resources /properties, livelihood, social infrastructures, and issues on Lifestyles/values, crime and disorder, capacity & quality of infrastructure, economic development and change as well as analysis of the opportunity cost to land take and chemical spills during project activities
- Identify health hazards that may result from the different phases of the project during execution (including operation and decommissioning) and evaluation of local population exposure to these hazards.
- Develop cost effective integrated Environmental (Social and Health) Management Plan (EMP).
- Description of the existing action namely; installation/project, operations, oil/hazardous materials/waste spillage, waste generation/volume, characteristics of wastes, existing pollution control technology, disposal methods, etc.
- Qualitative and quantitative description of the already impacted environment, (biophysical/biodiversity/social and health).
- Levels of significance for losses of environmental resources affected by the already existing installations/projects or action. These environmental resources are the elements, features, conditions and areas valued by man that can be characterized as physiographic, biological (including bioaccumulation and chronic toxicity testing) cultural, aesthetic etc.
- Modification/mitigation/ameliorating plans to process or systems to either eliminate or decrease adverse environmental impacts to the greatest extent possible.
- Implementation of the Environmental Management Plan
- Acquisition of qualitative and quantitative data/information (biophysical/socio-economic/health) required for evaluating the impact of the executed project activity on the environment.
- Identification of sources, pathways and receptors of contaminants/pollutants (Conceptual Site Models).
- The use of Risk Based Corrective Action (RBCA) technique to determine the risk associated with the facility (FPSO).
- Ecological/biophysical data including biodiversity.
- Development of appropriate plan for restoration and remediation.
- Acquisition of qualitative and quantitative data/information (biophysical/socio-economic/health) required for evaluating the impact of the cleaned-up oil spill on the environment.
- Sludge and oily sand analysis before and after treatment
- Evaluate Physiochemical/biological/microbiological characteristics of the environments impacted by operational discharges.
- Conduct environmental compliance monitoring for operational facilities as applicable such as Gaseous Point Source Emission, ambient air quality, Produced water, oily waste water, sanitary waters, Storm water monitoring, and aqueous effluent monitoring.
- Assess all environmental components as applicable e.g. Air Quality, Surface water, fisheries, microbiology, health, socio-economic etc. as required by regulation
- Environmental effluent, emissions and discharge modelling.

2.Biological Monitoring

- Full scope Toxicity Testing

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2.Biological Monitoring

- Toxicity Testing
- Acute Toxicity Testing
- Bio-magnification
 - Fish Tissue analysis (Heavy metals and organics and Observable effects)
 - Crustaceans Tissue analysis (Heavy metals and organics),
 - Molluscs Tissue analysis (Heavy metals and organics)
 - Algal and Microbial analysis (Heavy metals and organics)
- Depuration
 - Crustacean
 - Molluscs
 - Fishes
 - Crustaceans Tissue analysis (Heavy metals and organics and Observable effects)
 - Molluscs Tissue analysis (Heavy metals and organics)
- Algal Acute toxicity test.

3 Other Offshore Environmental Studies

- Effluent Characterization
- Sea Water from the offshore environment, habitat water of reference organism and Sediments/Mud Flat Characterization
- Naturally Occurring Radioactive Materials (NORM) Survey

4 Biodiversity Studies

- Biodiversity and Ecosystem Services (BES) Assessment
- Validity Surveys of Critical Habitats/Sensitive Areas having overlaps with SNEPCO assets and activities
- Ad-hoc Biodiversity Consultancy Services (comprises evolving BES issues arising from SNEPCO assets, projects and activities including RAs, IAs, etc.)

5 Noise Survey and Mapping

6 Air Quality Dispersion Modelling

7 Oil Spill Dispersion Modelling for Offshore Environment

8 Produce Water/Cooling Water Dispersion Modelling

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 NJQS product category **3.02.02 Safety, Health and Environmental Consultancy** in NipeX Joint Qualification System (NJQS) data base. **Only successfully pre-qualified suppliers in this category will receive Invitation to Technical and Commercial Tender.**
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 and you are registered with DPR to do business, contact NipeX office at 8-10 Bayo Kuku, Ikoyi, Lagos with your DPR certificate as evidence for necessary update, Lagos with your DPR certificate as evidence for necessary update.
4. To initiate the JQS prequalification process, access 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:

- Demonstrate that entity is a Nigerian registered company with greater than 51% Nigerian shareholding. 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.
- Detailed description of the location of in-country committed facilities & infrastructure (OPITO certified training facility) in Nigeria to support this contract.
- In line with the NCD Human Capacity Development Initiative, Bidder shall commit 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).
- Submit Tenderer's corporate organizational and project/contract specific organogram.
- Provide evidence of at least 50% Nigerian ownership of the Sampling, Analysis and Laboratory equipment.

5.0 CLOSING DATE:

Only Tenderers who are registered in the NJQS product/category as at 05/03/2020 being the advert closing date, shall be invited to submit bids.

6.1 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 SNEPCo 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 SNEPCo and or any of its partners by virtue of such companies having been prequalified in NJQS.
- SNEPCo will communicate only with authorized officers of the pre-qualifying companies and NOT through individuals or Agents.

Please visit NipeX portal at www.nipex-ng.com for this advert and other information. Also note that this contract will be progressed through the NipeX system.