

**SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY LIMITED (SNEPco)  
TENDER OPPORTUNITY OPERATION, MAINTENANCE & UPGRADE OF BONGA  
FPSO'S PROCESS, SAFETY & CONTROL SYSTEM (PSCS)**

**TENDER REF: NG02003733**

**NIPEX TENDER NUMBER: SNEPCO.00000107**

**(1.0) INTRODUCTION**

SHELL hereby announces to interested and prequalified companies on upcoming tendering opportunity for the OPERATION, MAINTENANCE & UPGRADE OF BONGA FPSO'S PROCESS, SAFETY & CONTROL SYSTEM (PSCS) for SNEPCO. The proposed contract will commence on 1st October 2018 and remain active for 2 years duration, followed by 1 year optional duration extension.

**(2.0) SCOPE OF WORK**

**GENERAL**

Provision of all management, administration, financing, insurances, facilities, plant, materials, equipment, consumables, and personnel required to complete work and undertake all matters for which the contractor is responsible for to ensure that the PSCS runs at optimal reliability levels with minimum down time

- Provision of 1 competent /certified Invensys IA series Engineer on call off basis offshore.
- Provision of 1 competent /certified TRICONEX Engineer on call off basis offshore.
- Provision of Thorn Fire Engineer on a need basis offshore.
- Provision of 1 competent /certified Invensys IA series Engineer on call off basis onshore.
- Provision of 1 competent /certified TRICONEX Engineer on call off basis onshore.
- Provision of 1 certified / competent Invensys IA series engineers for remote monitoring of the system via DACA.
- Provision of engineering support from onshore resident engineers for solutions upgrades and changes.
- All other engineers from other OEMs required providing service under this contract will be called off on a need basis. Invensys DCS & Triconex Systems
- Proactive services and interventions to forestall shutdowns and system failures including activities to reduce escalations during emergencies.
- Predictive analysis and monitoring of server hardware & software including electronic notification.
- Management of obsolescence.
- Services to facilitate full time on -fine monitoring of system performance.
- Emergency correction actions offshore.

- Repair and overhaul services to the system including monitoring and evaluating services performed, recommending improvements, monitoring health of the system and highlighting any deficiencies and degradation.
- Provision of engineering support from onshore resident engineers for solutions, upgrades and changes.
- Implementation of agreed actions to maintain the system.
- All first line maintenance services which can be undertaken whilst the system is operational (such as fuse, bulb, filter changes, temperature checks and resetting breakers).
- Daily log sheet reporting
- Installation of approved software (including but not limited to maintenance software releases) on workstations & servers.
- Provision for ensuring that all modifications have been carried out and to maintain the integrity of the existing System. The contractor shall be responsible for the design, implementation and commissioning of modifications together with the necessary updating of operating procedures and maintenance routines.
- Provision for ensuring that all modifications to the SYSTEM are affected in the cost economical and timely manner and are performed in accordance with all applicable SNEPCo standards and procedures.
- Monitoring system for obsolescence and implementation of upgrades.
- Install remote diagnostics tools such that breakdowns forecasting can be developed and to allow spares and equipment to be quickly mobilized.
- Provide new critical spares and materials within short durations, prices to be based on Shell's global pricing agreement with INVENSYS.
- Provide parts reconditioning services – recondition of SNEPCo's failed ports required to maintain the system in operational condition at costs to be mutually agreed.
- Supply and update software releases as approved by SNEPCo.
- Provide testing facility for testing software onshore prior to shipping offshore for downloading into the system.
- Provide SECURE remote on – line monitoring and support of the system from onshore location via SNEPCo's process Control Access Domain backbone subject to SHELL global I.T framework.
- Emergency corrective maintenance work offshore & onshore (assistance via helpdesk, services portal, and telephone support).
- Access to product and support information including obsolescence notices, life cycle announcements, observed system vulnerabilities/ improvements etc., through Contractors communications network.
- Maintenance of network topology diagrams and control database documentation and provision of documentation updates on permanent storage media.
- Routine exercising of software virus control procedures to ensure integrity of all software used and developed on the system.
- Support of applications software as required by the system.
- Adhoc consultancy services in connection with the PSCS its maintenance and any modifications to be carried out.
- Provision for ensuring that all modifications to the system have been carried out and to maintain the integrity of the existing system. Contractor shall be responsible for the design, implementation, and commissioning of modifications together with the necessary updating of the operating procedures and maintenance routines.

- Provision for overall management of the above items plus preparation and development of maintenance programs, optimizations and improvement of maintenance routines, maintenance of all documentation by onshore & offshore personnel, proactive reviews of all activities undertaken to reduce operating costs, cost of spares, test equipment and man-hours expended, general reporting, records, contract reviews providing assessment programmes to improve safety and quality and achieve cost reductions and greater efficiency.

### **(3.0) MANDATORY REQUIREMENTS**

(1) To be eligible for this tender exercise, interested contractor are required to be pre-qualified as essential service vendor in the

<b>Codes</b>	<b>Work Category</b>
1.10.05	Process Control and Monitoring Equipment and Systems

Only successfully pre-qualified suppliers in this category will receive Invitation to Technical Tender (ITT).

(2) To determine if you are pre-qualified and can view the product/service category you are listed for; Open <http://vendors.nipexjqs.com> and access NJQ S with your log in details. Click on Products/Services Status tab to view your status and product codes.

(3) If you are not listed in a product/service category you are registered with DPR to do business, contact NipeX office at 8/10, Boyo Kuku Street, Ikoyi, Lagos with your DPR certificate as evidence for necessary update

(4) To initiate the JQS pre-q unification process, access [www.nipex-ng.com](http://www.nipex-ng.com), click on services lab followed by NJQS registration

(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 the entity is a Nigerian Registered Company, or Nigerian Registered Company as the contracting entity in genuine alliance or joint venture with foreign company with details on scope and responsibilities of parties for this work. Such companies must show evidence of joint venture binding agreement duly signed by the CEO of both companies including evidence or plans of physical operational presence and set-up in Nigeria
- International or multinational company working through a Nigerian subsidiary must demonstrate that a minimum of 50% of equipment to be deployed for execution of work shall

be owned by the Nigerian subsidiary by providing a list of equipment for this tender and indicating those that will be owned by the Nigerian subsidiary

- Furnish details of company ownership and shareholding structure. Also submit clear photocopies of your CAC Forms C02 and C07
- 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.
- Provide a Nigerian Content Plan providing a detailed description of the role, work scope, man-hours and responsibilities of all Nigerian companies and personnel that would be involved in executing the work. Also provide details of Nigerian Content focal point or manager.
- State proposed total scope of work to be conducted by Nigerian personnel (whether contracted directly or under subcontract agreements) with names and addresses including evidences of well-equipped offices and workshop; attach past experience of such patronage.
- Specific to this work, provide detailed plan for staff training and development on equipment repairs & maintenance and procurement (including all software to be used, number of personnel, name of organization providing such training and evidence of post training record) for Nigerian personnel including description of any specific programs in place for transfer of technology and skills to indigenous businesses and Nigerians over the next five (5) years.
- Location of in-country facilities (Storage, workshops, repair & maintenance facilities and testing facilities)
- Contractor must be willing and able to provide evidence of maximization of mode in Nigeria goods and services.
- Provide details on any other Nigerian Content initiative your company is involved in.
- Provide evidence of registration with NCDMB JQS.

## **(5.0) CLOSING DATE**

Only Tenderers who are registered in the NJOS product category as of **4th May 2018** being the advert close date shall be invited to submit Technical bids.

## **(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 SNEPCO to award any contract for any company and or associated companies, subcontractors 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](http://www.nipex-ng.com) for this advert and other information and note that this tender will be processed through NipeX system.