

INVITATION FOR EXPRESSION OF INTEREST FOR PROVISION OF INTEGRATED MAINTENANCE SERVICES FOR NIGERIA LNG LIMITED

INTRODUCTION

Nigeria LNG Limited's Plant Complex is located on Bonny Island, Rivers State, Nigeria. It consists of six natural gas liquefaction trains with a total capacity of 22 million tons of Liquefied Natural Gas (LNG) and 5 million tonnes of Natural Gas Liquids (NGL) per annum, with associated gas receiving, treating, storage and loading facilities as well as utilities (Electrical power generation, Water, Air, Nitrogen etc., and support infrastructure (offices, residential accommodation, school, hospital, airstrip, jetties etc.)

Nigeria LNG Ltd (NLNG) hereby invites interested companies with wide experience in maintenance of gas liquefaction plants, oil refineries, chemical process plants or similar heavy industrial production facilities, to make a submission of an expression of interest to be invited to tender for NLNG's Integrated Maintenance Services Contract. The Companies who demonstrate relevant experience, expertise, qualification and a successful history in this type of service will subsequently receive an invitation to tender for the work.

SCOPE OF THE SERVICES

The Integrated Maintenance Services will be mainly provided at NLNG's Gas liquefaction Plant in Bonny Island, which includes gas receiving, treating, storage and loading facilities, and utilities as well as at the NLNG Port Harcourt Supply base and occasionally in the Gas Transmission Networks that extend through Obiafu, Obite, Rumuji, Soku and Ubeta (all in Rivers State, Nigeria).

The scope comprises planned/preventive maintenance of the liquefaction plants, breakdown repair, replacement, shutdown overhauls, turnaround maintenance, maintenance campaigns, etc., and will be delivered under broad streams categorised as four MSC packages:

MSC 1 – Work Scoping and Assurance

(A) Maintenance work pack preparation – this includes consultancy services for front-end work scoping and work preparation for maintenance activities with defined output of work packs, plan, schedule and staging for:

- (a) Preventive maintenance routine activities
- (b) Typical corrective maintenance jobs

- (c) Planned turnaround maintenance (Shutdown) scope elements
- (d) Opportunity Shutdowns
- (e) Defined maintenance campaigns – e.g. revamps of tanks, vessels, exchangers, furnaces, jetties, packaged equipment, etc.
- (B) Supervision/support/quantity surveying/ consultancy services for maintenance and projects executed by other contractors as site reps/supervisors on behalf of NLNG.

MSC 2 – Routine Maintenance Execution

- (A) Preventive Maintenance Routines of plant equipment including all attachments and appendages
 - (a) Mechanical equipment like heat exchangers, valves, relief valves, pipe supports, flanges, overhead cranes.
 - (b) Rotating equipment like pumps, fans, compressors, expanders.
 - (c) Electrical equipment like LV and HV electric motors, switchgears, batteries, UPS, transformers, LV & HV cables
 - (d) Instrumentation equipment like control valves, valves controls, equipment protection, QMI, custody transfer equipment, fire and gas detection and control equipment, RCUs, Safety switches, instrument cables.
 - (e) Fabrics – painting, insulation and fireproofing of equipment and piping.
- (B) Corrective maintenance of the above equipment on the live plant.
- (C) Assurance manpower for engineering and pipelines -this includes services for a specific number of engineers, supervisors and technicians working with NLNG personnel in assurance capacity (including condition monitoring, inspection, testing) and QA/QC, of plant equipment ranging from electrical, mechanical, instrumentation, civil, fabrics, etc.
- (D) Civil facilities (concrete works, form work & reinforcement, underground piping, temporary fencing, access roads, plant buildings, plant support structures, etc.) maintenance
- (E) Minor Project Works

(F) Minor OEM services and relationship management -this is proposed to be a contract for service management for minor OEM's following NLNG instruction in a cost plus mark-up bases.

MSC 3 – Turnarounds & Campaign Execution

(A) Turnaround Maintenance of six LNG Process Trains

(B) Ancillary scopes in turnaround maintenance of ten Gas Turbines power generation units.

(C) Non-Routine Maintenance Campaigns (tanks and vessels cleaning and refurbishment, revamps of major static equipment and plants like exchangers, furnaces, jetties, packaged equipment, etc.)

(D) Support Services (lifting, rigging, work access, and transportation) exclusively for execution of above works using own equipment.

MSC 4 – Support Services

(A) Access Provision (Scaffolding, Rope access maintenance, Aerial Lifts, etc.) for NLNG's and other NLNG contractors' activities

(B) Workshop Support Service (welding, fabrication, pipe erection & installation, PWHT, pressure testing, machining and overhauls of mechanical, electrical and instrumentation equipment) for plant maintenance and minor plant modifications

(C) Rigging, Lifting and transportation of equipment, containers, etc. in support of maintenance

(D) Cranes and heavy goods vehicles (HGV) fleet management including operation, inspection, and maintenance (electrical, mechanical bodywork, etc.). This shall include management and maintenance of NLNG-owned equipment.

(a) Mobile cranes with capacities between 10T and 250T, and overhead cranes with capacities 5T to 50T

(b) Heavy duty equipment (forklifts, man lifts, trailers, vacuum trucks, skip trucks and other HGVs,)

(c) Portable equipment, operations and management (air compressors, hydro-jetting machines, mobile plants)

(d) Provision of these equipment on demand during peak periods

Submissions are required from companies with proven competences in any of the listed scope of work (MSC 1- MSC 4) with deliverables supporting the respective scope of works.

Each package is a sole contract on its own for which interest must be made exclusively for. However, contractor is permitted to indicate interest separately in more than one package. Submissions will also be considered where there is an existing and proven alliance or joint venture between contractors with diverse and distinct competences which make up one of the categories. Such contractors are advised to submit their interest as one party.

For multiple contractors' alliance, similar review and assessment of each contractor shall be carried out and disqualification of one party automatically disqualifies the alliance or Joint venture (JV) companies.

The Contractors shall be required to provide all necessary equipment, tools, materials, computers and accessories, facilities, logistics, management, supervision, security, and personnel required to fully execute all work scope in the particular MSC package they are responsible for, based on established unit rates. In executing the work, it is expected that the selected

Contractor(s) shall provide the following:

- Maintenance Execution Management
- Maintenance Execution Monitoring and Control
- HSE Activity Coordination & Site Safety Management
- Risk management (industrial, community, regulatory, etc.)
- Service Planning and Scheduling
- Maintenance Cost planning and control
- Quality Assurance and Control
- Productivity and efficiency management, control and continuous improvement
- Maintenance Information Management (Document Control)
- Every other requirement for successful maintenance execution
- NLNG will provide some limited logistical support for these services including: living accommodation in Bonny for a limited number of Contractor's Senior Personnel, office spaces, stores, laydown areas, as well as limited transport for personnel between Lagos or Port Harcourt and Bonny Island.

GENERAL REQUIRMENTS

Interested companies/contractors are required to respond to this invitation with the following information/documents for consideration:

(1) Contractor's Company profile, organisation, size and structure, including any parent or group of companies to whom they belong, together with key management personnel profiles.

(2) Detailed list of experience in maintenance of medium and large scale gas liquefaction/conversion or treatment plants, oil refineries, chemical process plants or similar heavy industrial production facilities executed in the last 10 years, giving names of clients, location and cost or volume of services provided.

(a) For MSC 1, these details should indicate experience in consultancy, planning, front-end development, engineering, in the various elements of the Scope of the Services defined above.

(b) For MSC 2 and MSC 3, these details should indicate experience in planning and execution of preventive, breakdown and turnaround maintenance, itemised in the various elements of the Scope of the Services defined above. This should also include experience in managing a large workforce of multi-disciplinary experts.

(c) For MSC 4, these details should indicate experience in provision of technical support services, specifically access, fabrication, lifting & rigging, and other related maintenance support services.

(d) For MSC 4, details required should also include proven experience in management, operation and maintenance of heavy-duty equipment and HGV maintenance workshop.

(e) Evidence of demonstrated ownership or access (via lease) to heavy-duty equipment (e.g. mobile cranes (up to 250 tonnes), tractors, trailers, etc.) is also required for MSC 3 and MSC4

(3) Description of the Contractor's techniques and capabilities in managing, planning, scheduling, resourcing of personnel, plant and materials (including for peak demands such as turnarounds), and cost control in all aspects of maintenance including details of techniques and methodology, and unique and proprietary software or IT systems that the contractor uses and would apply in delivering the services.

- (4) Detailed list of Plant and Equipment owned by the contractor that is deployed or will be deployed in Nigeria and that is relevant to the provision of maintenance services, indicating age and capacity.
- (5) Financial audited accounts and Tax Clearance Certificates for the past three (3) years (2014, 2015 and 2016) and management accounts for the current year.
- (6) Current DPR certificate to operate as a Maintenance/ Engineering Project / Construction company and do business in the oil and gas industry.
- (7) Technical Partnership/Alliances/Joint Venture Proposals including evidence of agreement with partners with respect to the contract scope clearly defined.

Submissions in response to the above requirements shall be completed strictly in accordance with the above, segregated and arranged in the serial order indicated.

NIGERIAN CONTENT

Nigeria LNG is committed to compliance with the Nigerian Content Act 2010 for Nigerian Content Development.

Interested Companies shall comply with all the provisions of the Nigerian Content Act that relate to this service and in particular comply with the minimum Nigerian Content requirements for the scopes which are covered in the Schedule of the Act.

Failure to fully comply with the Nigerian Content Act or demonstrate commitment to Nigerian Content Development Policy of the Nigerian Government shall result in disqualification.

General Nigerian Content Requirements

Companies responding to this advertisement are required to submit the following in compliance with the Nigerian Oil and Gas Industry Content Act (NOGICD), 2010:

- (1) Documentation to demonstrate that the entity is a Nigerian-registered/owned company. Submission of certified true copies of CAC forms 10, 02 & 07 (or its equivalent; CAC 2.3, 2.4, 2.5, etc.) including company memorandum and article of association and other evidence of entity's incorporation, shareholding and ownership structure in Nigeria.
- (2) Interested companies shall provide evidence of registration with NCDMB's NOGIC JQS.

(3) The process and procedure that explain the methodology of how it intends to comply with the requirements of the Nigerian Oil & Gas Industry Content Development Act 2010 (Nigerian Content Plan) and how to achieve the set target(s) in the schedule of the Nigerian Oil & Gas Industry Content Development Act and any targets set by the Board.

(4) A plan of how it intends to give first consideration to services provided within Nigeria with a list of work packages, third party services and subcontracts which should be reserved for Nigerian indigenous contractors, including those that will be provided by companies of Nigerian origin.

(5) A plan of how it intends to give first consideration to materials, manufactured as well as assembled goods of Nigerian origin which shall include a breakdown of all materials to be utilized and identifying those that are found locally, finished products and materials that will be procured from Nigerian manufacturing and assembly plants, finished goods that order can be placed from outside Nigeria through Nigerian authorized vendors and accredited agents and those that would be directly imported.

(6) Interested Companies are required to submit a training plan which shall provide sustainable training and development (including certification as applicable) for Nigerians in line with the Human Capacity Development Initiative and Guideline of the Nigerian Content Development and Monitoring Board (NCDMB). The training plan will include contract-specific training and estimated man-hours. Interested Companies are required to submit MOA with Oil and Gas Trainers Association of Nigeria (OGTAN) trainers to support their training plan, which shall be 10% of the project Man-hours or 3% of the total contract sum.

(7) Technology Transfer Plan (TTP) explaining the methodology of how it intends to promote the effective transfer of technology from alliance partners to Nigerian individuals and companies.

(8) Research & Development Plan (RDP) explaining the methodology of promoting education, attachments, training, research and development in Nigeria in relation to the contract.

(9) Details of the company's corporate organizations overall human resources structure (management, supervisors, senior and junior skilled officers, etc.), identifying positions manned/occupied by Nigerian nationals with evidence of type of employment in-country and identifying the positions manned/occupied by other nationals.

(10) Proposed organogram for this work scope populated with nationality, qualification of personnel and years of experience of personnel on the job (attach CV of key finance, operational and technical personnel) including a succession plan in this work scope.

(11) A detailed description of the location of in-country committed facilities and infrastructure (assets, equipment, technical office, and administrative space, storage, etc.) in Nigeria to support this contract.

(12) Evidence that 50% of all equipment to be deployed to work by multinational and international companies (if applicable) are owned by the local subsidiaries (Interested companies to provide verifiable evidence (purchase receipt, bill of sale, etc.) of ownership of equipment in executing this contract.)

(13) Provide evidence of approved Nigerian Content Equipment Certificate or status of the application submitted to NCDMB for the certificate for the procurement of all equipment, systems and packages to be supplied on the contract (where applicable). Where interested companies intends to use subcontractor(s)/ supplier(s), which shall provide same information for the nominated suppliers/subcontractor(s).

(14) Provide evidence of NCDMB approval or status of the application submitted to NCDMB for expatriate quota of current/proposed expatriate personnel in contractors organisation.

SUBMISSION OF RESPONSES

The Expression of Interest document should be submitted:

In Hard Copy in a sealed envelope marked "CONFIDENTIAL Expression of Interest for Provision of Integrated Maintenance Services for Nigeria LNG Limited to:

The Head, Business Strategy & Vendor Management,

CPM Department,

MD Division,

Nigeria LNG Limited,

Km 16 Aba Port Harcourt Expressway (Intels Camp)

Port Harcourt, River State

OR

In electronic copy (PDF format) by e-mail to vendor.enquiry@nlng.com "CONFIDENTIAL - Expression of Interest for Provision of Integrated Maintenance Services for Nigeria LNG Limited" – in the subject line.

The submission in either format must be received by Nigeria LNG Limited **not later than 8th November, 2017.**

Please Note:

This is not an invitation to tender. Full details of tendering procedure will be provided to applicants who are successful at this expression of interest, in accordance with NLNG's pre-qualification procedures.

Notwithstanding the submissions of the documents for the expression of interest, NLNG is neither committed nor obliged to include any company and/or associated companies, agents or sub-contractors on any bid list or award any form of contract to any company and/or associated companies, agents or sub-contractors.

Please be aware that this invitation to express interest does not guarantee that you will be requested to submit an offer to Nigeria LNG Limited; it does not constitute any form of agreement or contract between our companies. Nigeria LNG Limited shall not be responsible for any cost incurred in responding to this invitation.

This advertisement of Expression of Interest and Prequalification shall not be construed as a commitment by NLNG, nor shall it entitle respondents to claim any indemnity from NLNG, Technical Advisers and/or any of its shareholders by virtue of having responded to this advertisement

The contents of this publication are for discussion purposes only and shall not operate to create any legally binding or contractual obligations on the part of Nigeria LNG Limited ("NLNG") and/or its shareholders or affiliates or their respective directors, officers, employees, representatives or agents. It is not intended to be and shall in no way or manner be construed as an offer; acceptance of any offer that has been or is intended to be made; nor does it bring into existence any contract or guarantee of work between NLNG and any person or counterparty. It is not an indication of a contract award, and no liability shall arise therefrom for NLNG. For the avoidance of doubt, NLNG shall only be legally bound by final terms and conditions set out in full in the applicable contract documentation approved by it

for such purpose after due and formal execution by duly authorized NLNG signatories and formal counter signature by the relevant counter party as appropriate.

This EOI is a simple invitation for you to express your interest in the indicated work scopes and does not warrant any further feedback from NLNG hereafter. If you do not hear from NLNG within 3 months of submission of this publication, it should be taken that your application was not successful.

Signed:

Management