

# INVITATION FOR Expression of Interest for the Engineering, Procurement, Construction And Commissioning (EPCC) of a New Boil-off Gas (BOG) Compressor for Nigeria LNG Limited

## INTRODUCTION

Nigeria LNG Limited (NLNG) plant complex located on Bonny Island, Rivers State, Nigeria, consists of six Natural Gas Liquefaction Trains with a total capacity of 22 million tons of Liquefied Natural Gas (LNG) and five (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.).

NLNG intends to install a new Boil-off Gas (BOG) Compressor at its plant complex in Bonny Island, Rivers State.

NLNG hereby invites interested reputable companies with relevant brownfield project/construction experience in Gas Production Plants, Oil Refineries, Chemical/Power Plants or similar Heavy Industrial Production Facilities, to submit an Expression Of Interest (EOI) for the purpose of prequalification for the Engineering, Procurement, Construction, Installation and Commissioning of the new Boil-off Gas (BOG) Compressor at the Plant Complex in Bonny. Companies considered to have met pre-qualification requirements will subsequently receive invitation to tender for the works with detailed scope of work.

## SCOPE OF WORKS

Contractor shall be required to provide interfacing, project management, personnel, equipment, materials and other services required to deliver the following:

- i. Engineering; including design of process systems, utility systems, civil and structural works, mechanical works and general facilities;
- ii. Procurement of required equipment and materials, including Long Lead Items (such as drain pumps, heat exchangers, 10KVA transformer, Quench vessel, etc) and bulk materials including but not limited to pipes & pipe fittings, civil/structural materials etc.
- iii. Construction works covering installation of a 5Kg/s cryogenic compressor and associated civil/structural works, mechanical, electrical and instrumentation works including equipment integration.
- iv. Commissioning works covering testing, pre-commissioning and commissioning activities (Ready for Start-up), and training.

## PRE-QUALIFICATION INFORMATION

Only companies considered to have met NLNG's requirements shall be involved in any further correspondence with NLNG

and will receive invitation to tender for the work per the detailed scope and schedule.

To qualify for consideration, interested companies are required to respond to this invitation with the information/documents for consideration. Failure to submit any of the under listed documents may lead to disqualification.

1. Respondent's confirmation of interest to participate in the pre-qualification for the EPCC of a new Boil-Off Gas (BOG) compressor for NLNG.
2. Certificate of incorporation and CAC documents.
3. Current/Valid DPR certificates to operate as an Engineering, Procurement, Construction Company and to do business in the Nigerian oil and gas industry;
4. Health, Safety & Environment and Quality Policies.
5. Company profile, organisation, size and structure, including any parent, technical partnership, alliance or joint venture companies to whom they belong, together with CV of key management personnel;
6. Detailed list of personnel with evidence to demonstrate capability and experience in EPCC projects in Gas Production Plants, Oil Refineries, Chemical 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. These details should indicate experience in engineering of process and utility units, instrumentation and process control systems, installation of package equipments as they form key aspect of the scope of works;
7. Audited Financial accounts for the last three (3) years (2015, 2016, 2017).
8. Tax clearance certificates for the last three (3) years (2015, 2016, 2017).
9. Evidence and documentations supporting compliance with the Nigerian Oil and Gas Industry Content Development (NOGICD) Act 2010. [See Nigerian Content Compliance section].

## COMPLIANCE WITH NIGERIAN CONTENT (NOGICD ACT 2010)

The Nigerian Oil and Gas Industry Content Development (NOGICD) Act 2010 supports and details expected Nigerian Content deliverables within contracts and projects in the Nigerian Oil and Gas industry.

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

# Expression of Interest



Interested companies shall comply with the provisions of the Nigerian Content Act that relate to the aforementioned scope of works and services and in particular, comply with the minimum Nigerian Content targets for the scope, which are covered in the Schedule of the Act.

Failure to comply with the Nigerian Content Act or demonstrate commitment to Nigerian Content Development shall result in disqualification from bidding for this contract.

## 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 Development Act, 2010:

1. Documentation to demonstrate that the entity is a Nigerian-registered company. Submission of certified true copies of CAC forms 02 & 07 (or its equivalent; CAC 2.3, 2.4, 2.5, etc.) including company Memorandum and Article of Association. All companies shall be Nigerian Indigenous Service Companies having 51% and above Nigerian equity in the shareholding and ownership structure of tenderer's legally registered entity in Nigeria by CAMA (Companies and Allied Matters Act).
2. Evidence of registration on the NCDMB's NOGIC Joint Qualification System (JQS).
3. Evidence of registration with the Nigerian Federal Ministry of Works, or State Ministry of Works.
4. Evidence of registration with the Department of Petroleum Resources (DPR).
5. Evidence of registration with the Council for Regulation of Engineering in Nigeria (COREN).
6. The process and procedure that explain the methodology of how it intends to comply with the requirements of 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.
7. A plan for giving 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.
8. A plan of how it intends to give first consideration to raw materials and manufactured/assembled goods of Nigerian origin which shall include a breakdown of all raw 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 will be imported through Nigerian authorized vendors and accredited agents, and those that would be directly imported.
9. National Human Capacity Development (HCD): Companies shall provide a project-specific training plan for Nigerian Nationals to be selected from the National database on the NOGIC Joint Qualification System (JQS), man-hour budget, skill development and technology transfer plan for Nigerian personnel in line with the HCD guidelines. Companies are also required to execute an enforceable Memorandum of Association (MOA) with Oil and Gas Trainers Association of Nigeria (OGTAN) registered Local Training Service Provider for the provision of the training services in specific technical disciplines involved in the project for Nigerians to acquire competence and/or certification as professionals. Proposed training plan for Nigerians on the project including training outline for Original Equipment Manufacturer (OEM) products, engineering, software & hardware, project management, procurement, construction, installation, start-up & commissioning, maintenance, testing and operations.
10. Technology Transfer Plan (TTP) explaining the methodology of how it intends to promote the effective transfer of technology from alliance partners to Nigerians and indigenous companies.
11. Research & Development Plan (RDP) explaining the methodology of promoting education, attachments, training, research and development in Nigeria. Research & Development (R&D) shall be carried out on the contract under the auspices of NCDMB approved R&D cluster; Scope (list areas of research, linkage to industry, key drivers and expected outcome), plan (purpose, NC targets, milestones and deliverables, performance reporting and period) name of research cluster, Nigerian location of centers, R&D duration and value of R&D expenditure.
12. Details of the company's corporate organizations overall human resources structure (management, supervisors, senior & 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.
13. 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.
14. A detailed description of the location of facilities and infrastructure (assets, equipment, technical office, and administrative space, storage, etc.) in Nigeria to support this contract, evidence that 50% of all equipment deployed to work by multinational and international companies are owned by the local subsidiaries.
15. Demonstration that the project shall domicile 100% project management man-hrs in Nigeria and provide address of the project management team.
16. Demonstration that all Engineering Designs would be domiciled in-country and the address of where the design will be done.
17. Describe plan for procurement, assembly, testing work, installation and hook-up and commissioning in-country of the project materials, equipment packages and consumables for the associated works. The plan should include details on how first consideration will be given to local Nigerian service companies with manufacturing/assembly capacity in Nigeria and/or



# Expression of Interest



local vendors with Nigerian Content Equipment Certificate (NCEC) along with a binding MOA not limited to: Long Lead Items (drain pumps, heat exchangers, 10KVA transformer, mechanical, electrical and instrumentation works including equipment integration, Commissioning works covering testing, pre-commissioning and commissioning activities).

18. Describe plans for the provision of various logistics and third party services to support fabrication/construction activities in Nigeria, through Nigerian based companies. Company's plan shall describe Name and Address of Nigerian based entity or Subcontractor(s) scope of services to be provided. The plan shall describe the following activities:

1. Heavy lift services.
2. Loadout and sea fastening.
3. Marine transportation within Nigerian inland water ways utilizing Category A/AA vendors. owning the vessels and registered on the NCDMB Marine Nigerian Oil and Gas Industry Content Joint Qualification System (NOGIC JQS) categorization report.
4. Quality Assurance/ Quality Control (QA/QC) inspection services.
5. Non-destructive Test (NDTs) and certification of welding procedures and welders.
6. Laboratory mechanical tests.

19. Further innovation proposals that would enhance the development of Nigerian content on the service including plans for transition to 100% Nigerian ownership of the company.

## COMMENCEMENT AND DURATION

NLNG intends to award a lump-sum contract in Q3 2019, for a period of up to 3 years (inclusive of warranty period). Site construction work shall be carried out at the Industrial Area of NLNG's plant complex in Bonny Island, Rivers State, Nigeria.

## SUBMISSION OF RESPONSES

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

Submissions are encouraged where there is an existing and proven alliance between companies with diverse and distinct competences which make up the full scope of this advertisement. Such companies are advised to submit their interest as one party. For multiple companies' alliance, similar review and assessment of each company shall be done and

disqualification of one party automatically disqualifies the alliance or Joint venture (JV) companies, hence, no one company documentation (such as Tax clearance, certificate of incorporation, DPR and NCDMB requirements, HSE, QA/QC policy, etc.) can suffice for the JV companies.

The expression of interest documents/requirements should be submitted in portable stored devices such as CD ROM or Flash/Memory Stick placed in a sealed envelope and marked **"CONFIDENTIAL – Expression of Interest – EPCC for a New Boil-Off Gas (BOG) Compressor"** addressed 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 in PDF format by e-mail to **EOI.Response@nlng.com** with **"CONFIDENTIAL - Expression of Interest - EPCC for a New Boil-Off Gas (BOG) Compressor"** in the subject line.

In either format, the submission **must be received by NLNG not later than three (3) weeks** from the date of this publication.

## Please Note:

- This is not an invitation to tender. Full 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 – on the basis of response to this EOI.
- Please be aware that this invitation to express interest does not guarantee that you will be requested to submit an offer to NLNG; it does not constitute any form of agreement or contract between our companies. NLNG shall not be responsible for any cost incurred in responding to this invitation.
- This advertisement of Expression of Interest 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.
- This 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 3months of submission to this publication, it should be taken that your application was not successful.

Signed:  
MANAGEMENT



*...helping to build a better Nigeria*

