



NIGERIAN AGIP OIL COMPANY LIMITED RC2974
Operator of the NNPC/NAOC/Oando Oil Joint Venture

TENDER OPPORTUNITY

**INSPECTION OF STORAGE TANKS IN ALL NAOOC LOCATIONS
&
MAINTENANCE OF STORAGE TANKS IN ALL NAOOC LOCATIONS**

NIPEX TENDER NO: 1000006874

1. INTRODUCTION

Nigeria Agip Oil Company Limited (NAOC) intends to put in place an open contracts for i) Inspection of Storage Tanks in all NAOOC Locations and ii) Maintenance of Storage Tanks in all NAOOC Locations The contracts shall run for a period of three(3) years firm, plus one (1) year optional.

NAOC, through this Tender Opportunity, announces to interested reputable Nigerian Companies and NJQS prequalified Companies of the defined scope of service hereunder.

2. SCOPE OF WORK

2a. Inspection

This shall include but not limited to the following:

1. Mobilization and demobilization of all necessary materials, personnel and equipment to and from site
2. Inspection of storage tanks using appropriate NDT techniques to assess and determine the integrity of the tanks, determine damage mechanisms, diagnose problems leading to loss of integrity, determine the scale of the problem and certify the facilities in accordance with the relevant industry standards and DPR regulations. The inspection methods to be used include but not limited to the following:
 - Magnetic Particle / Dye Penetrant Inspection
 - Radiographic / X-ray inspection
 - Acoustic Emission Testing
 - Ultrasonic Thickness Testing (Phased Array Ultrasonic, Automated Ultrasonic, Time-of-Flight Diffraction, Computed Tomography / Digital Imaging)
 - Mechanical Strength Testing (Hardness, Tensile, Impact and Creep / Fatigue Test)
 - Eddy Current (Electro-Magnetic) Testing
 - Leak Testing
 - Positive Material Analysis
 - Hydrotest Inspection
 - Detail EEMUA 159 / API 653 Inspection of tanks
 - Tank bottom Inspection by Magnetic Floor Leakage (MFL) inspection
 - Metallographic Inspection

3. On completion of the inspection, contractor shall issue a comprehensive report detailing the inspection methods used, type and extent of defects found and the remedial works required. Contractor shall also prepare a risk matrix indicating the risk and consequences of failure of parts and whole parts of the equipment based on results of the NDT carried out

4. Contractor shall carry out detailed fit-for-fitness analysis and remaining life calculation using the inspection data based on relevant engineering standards and codes

5. Contractor shall provide all required inspection equipment / tools, personnel, materials, consumable. protective equipment such as coveralls, rain booths, hand gloves, eye goggles and helmets throughout the duration of the project.

6. On completion of the work, the contractor shall remove all debris, barriers, spent coating materials, containers, off-cuts etc. from site, re-instate the work site and demobilize all his plants, equipment, personnel and temporary facilities from site

2b. Maintenance

This shall include but not limited to the following

- 1 Mobilization and demobilization of all necessary materials and personnel and equipment to and from site (this includes transportation of all construction materials and equipment)
- 2 Inspection of the crude storage tanks using appropriate NDT techniques to assess and determine the integrity of the tanks, determine damage mechanisms, diagnose problems leading to loss of integrity, determine the scale of the problem and certify the facilities in accordance with the relevant industry standards and NUPRC regulations. Contractor shall carry out detailed fit-for-fitness analysis and remaining life calculation using the inspection data based on relevant engineering standards and codes
- 3 Scarify, cut off bund wall base and failed section of aprons/ slope embankment sub-grade using non spark hand tools to a depth not exceeding 500mm and cart away to approved dump site (away from site)
- 4 Provide material and Backfill wall base to a thickness not exceeding 300mm with approved fill material (sharp sand) top in two compacted layers not exceeding 150mm each using safe manual non-spark hand tools.
- 5 Supply and lay stone base & cement mixed materials (0-100mm) to 100mm compacted thickness on bund wall base & aprons using safe and approved manual non-spark hand tools
- 6 Furnish and apply a prime coat of MCO blinded with sharp sand at a rate of 1.2ltrs/sqm on bund wall base
- 7 Furnish and apply a prime coat of MCO blinded with sharp sand at a rate of 1.2ltrs/m² on bund wall aprons (slope embankment)
- 8 Sweep, clean and make the primed surface free of any loose material, apply a tack coat of COLAS A' and lay 50mm (compacted thickness) hot rolled bitumen asphalt on all bund walls base and aprons using appropriate but safe method
- 9 Repair on topside of pontoons
- 10 Sectional repair / replacement of tank bottom plates and roof plates
- 11 Repair on primary wind girder
- 12 Repair of top deck
- 13 Repair of handrails, stairway and landings on aerial walkway
- 14 Repair aerial walkway support / base
- 15 Repair of roof-mounted secondary seal plate
- 16 Retrofitting of tank bottom sacrificial Zn anode

- 17 Retrofitting circular impressed current cathodic protection grounded
- 18 Repair/replacement seal
- 19 Repair of firefighting ring main and piping network
- 20 Repair of earthing system
- 21 Repair of sampling roof hatch and illumination
- 22 Replacement of bottom drain line complete with all accessories
- 23 Restore site to original state by removing all dis-used materials and debris resulting from construction works
- 24 Transport all dis-used materials and rubbles from construction works at the site and transport all debris to the COMPANY approved dump site at the crap yard

CONTRACTOR'S RESPONSIBILITIES

- a. All facilities and equipment used during the execution of Services shall be maintained and fit for purpose. Maintenance plans for all the equipment and facilities related to the Services shall be submitted to the Company at agreed timelines.
- b. CONTRACTOR shall provide the Workforce with the appropriate PPE for the required task and work environment.
- c. CONTRACTOR shall provide and maintain fire-fighting system/equipment (e.g. fire extinguishers, fire safety gear, etc.) required by law, regulation or international standards for the offices space, warehouses, shore base, port, yards, docks and other areas used in performing Services.
- d. CONTRACTOR shall comply with Local regulations and laws related to taxes and social contributions for the workers.
- e. CONTRACTOR shall comply with health, safety and environmental systems, policies and practices that meet or exceed the COMPANY's health and safety standards. To this end, CONTRACTOR shall appoint qualified and experienced Health, Safety and Environmental Supervisors ("HSE Supervisors") to manage its Health, Safety and Environmental policies.
- f. CONTRACTOR shall promptly report all accidents, injuries and near misses and all the HSE reporting data to COMPANY as required by all applicable laws and regulations and Eni standards.
- g. Contractor shall make available monthly HSE and Operations report to Company within the agreed timeline.

3. MANDATORY REQUIREMENTS

- a) To be eligible for this tender exercise, interested Contractors are required to be pre-qualified and live under the codes: (3.07.01 – Facility Maintenance: Non-destructive Testing and 1.08.01 – Heavy Duty Equipment Supply, Installation and Maintenance) in the NipeX Joint Qualification System (NJQS) database. **All successfully pre-qualified suppliers in this category will receive Invitation to Technical Tender (ITT).**
- b) To confirm if you are pre-qualified and to view the product/service category you are listed for: Open <http://vendors.nipeX-ng.com> and access NJQS with your login details. Click on the Products/Services tab to view your status and product codes.
- c) If you are not listed in a product/service category but you are registered with DPR to do business, contact the NipeX office at 27b,Oyinkan Abayomi Drive Lagos with your DPR certificate as evidence for verification and necessary update.

- d) To initiate the JQS pre-qualification process, access www.nipeX-ng.com and click on the services tab followed by NJQS registration.
- e) To be eligible, all tenders must comply with the Nigerian Content requirements in the NipeX system.

4. NIGERIAN CONTENT REQUIREMENTS

Bidders are invited to express complete understanding, willingness and commitment to develop in-country capability and capacity for related items in compliance with the Nigerian Oil and Gas Industry Content Development Act (NOGICD Act, 2010).

Tenderer shall.

1. 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.). Tenderer shall provide evidence of company registration on Nigerian Oil and Gas Industry Joint Qualification System (NOGIC JQS) and NUPRC certificate.
2. Provide detailed description of the location of in-country committed facilities & infrastructure (Not limited to technical office, and administrative space) in Nigeria to support this contract.
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. Provide evidence of any of the underlisted NCEC to demonstrate capacity and capability to execute the work scope:
 - Category 1,2,3,4 or 5 Construction and moveable (EC) equipment group.
 - Category 1,2,3,4 or 5 Fabrication and construction (FC) group NCEC.
5. 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).

NOTE: Only Nigerian Companies are qualified for this service.

- Bidders shall be requested to provide evidence to show their compliance with the above-listed requirements at the ITT stage.
- Failure to meet the Nigerian Content requirements is a "FATAL FLAW."

5. CLOSING DATE

Only tenderers who are pre-qualified with the relevant NJQS product/service categories, **(3.07.01 – Facility Maintenance: Non-destructive Testing and 1.08.01 – Heavy Duty Equipment Supply, Installation and Maintenance)** as at 21st May 2024 being the advert closing date, shall be invited to submit Technical Bids.

The strategy is to award two (2) contracts at the end of the tender exercise to the two (2) lowest commercially responsive bidders.

The contract will be progressed through the NipeX system.

6. ADDITIONAL INFORMATION

This advertisement of “Tender Opportunity” shall not be construed as a commitment on part of NAOC, nor shall it entitle Applicants to make any claims whatsoever and/or seek any indemnity from NAE and/or any of its Partners by virtue of such Applicants having responded to this Advert.

- Please visit the NipeX Portal at www.nipeX-ng.com for this Advert and other information.

ES/NCDMB/NAOC-ADV/UPD/140823

MANAGEMENT