

# **THE NATIONAL GAS COMPANY OF TRINIDAD AND TOBAGO LIMITED**

## **SCOPE OF SERVICE CATEGORIES**

### **Drug or Alcohol Screening (Medium Risk)**

- Random Testing (on and off site at facilities throughout the country)
- Testing (with Random Blood Sugar and Blood Pressure) for critical jobs at sites throughout the country
- Testing Post Accident/Incident
- Provide advice on matters as it relates to any substance testing
- Quick, clear and concise communication of all results

### **Architectural Engineering (NCR)**

- Feasibility Studies & Master Planning
- Architectural Concept Design (using 3D Modelling, Visualisation and Animation)
- Pre-Development Site Surveys and Appraisals
- Building Information Modelling (BIM)
- Sustainable and LEED Designs
- Preliminary Design & Drawings
- Statutory Approvals
- Working and Detailed Drawings
- Construction & Tender Documents etc.

Consultancy services shall also consist of making Architectural and Structural Designs, formulating schemes/designs for internal and external services including Civil Works, Interior Design, Mechanical works, Landscaping and Electrical works etc.

### **Equipment Test Calibration or repair (Low Risk)**

- Hydraulic / Pneumatic dead weight Test equipment
- Electronic Test Equipment, (Multi-meters, Loop Calibrators, Temperature test equipment)
- Recertification of Composite Sample Cylinders
- API Orifice and meter tube inspection
- Orifice Meter tube Honing and repairs
- Liquid Meters calibration and recertification

### **Computer Generated Design Services (Low Risk)**

- Provision of experienced certified CAD Technicians
- Production of but not limited to the following types of drawings, Civil, Electrical, Piping, Mechanical, Structural, Architectural, HVAC, Control Systems, P&ID, PFD, 3D, etc.
- Experience in AutoCAD 2016 or later or CADWorx 2016 or later

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## **SCOPE OF SERVICE CATEGORIES**

### **Environmental Impact Assessment (Low Risk)**

- Environmental Impact Assessments
  - o Feasibility study focused on the technical and scientific evaluation of the proposed activity.
  - o Determine the various potential environmental, social, and health effects of a proposed development
  - o Use of all testing and properly calibrated equipment. (Calibration certificates should be submitted)
- Sociological Impact Assessments
- Quantitative Risk Assessments
  - o Critical Analysis of all risks associated with the topography and location of the proposed site (adherence to policies, conventions and treaties for ESS and ESA)
  - o Provision of mitigation measures and recommendations for all risks associated.
- Public Consultations

### **EPCM Consultancy Services (Low Risk) Russel**

- Engineering Design
- Procurement of Services / Materials
- Contract Management

### **Corrosion Inhibitors (High Risk)**

- Supply of regulatory authority and company approved Corrosion Inhibitors and other chemicals for process treatment and conditioning for management of internal corrosion risk management
- Undertake Corrosion Inhibitor chemicals qualifications, testing and trials
- Supply, Install, Maintain and Manage Corrosion Inhibitor on-site Storage and Automated Injection Systems
- Provide on-site and laboratory services for performance and effectiveness monitoring of supplied chemicals, including testing and analysis of process stream components and corrosion monitoring devices
- Logistics support, hazardous materials management and transportation of Corrosion Inhibitor chemicals to designated locations in Trinidad and Tobago (in compliance with regulatory requirements)
- Subject matter expertise on chemicals management strategy and related internal corrosion management programme

### **Air-condition installation or maintenance or repair service (Medium Risk)**

- Supply, maintenance, servicing and repairs of air-condition units
- Provision of Certified Technicians

### **Tank and Vessel Cleaning (High Risk)**

- Cleaning of small and large tanks
- Petroleum storage vessels
- Minor repairs and painting

# **THE NATIONAL GAS COMPANY OF TRINIDAD AND TOBAGO LIMITED**

## **SCOPE OF SERVICE CATEGORIES**

- Onshore and offshore services

### **Water Treatment Services (Low Risk)**

- Collecting water samples of both the Cooling water and Chilled water Circuits
- Inspecting Chemical feed and blow down equipment to ensure optimum performance
- Analysis of water samples taken, report generated with recommendations to correct as necessary the water quality to established industrial standards
- Any malfunction with the equipment is to be logged and reported in writing along with the weekly water quality report.

### **Maintenance, Service and Provision of Emergency Response Equipment (Medium Risk)**

- Inspection and recertification of Emergency Response Equipment, which includes but is not limited to SCBA units, mobile fire suppression systems, emergency lights and portable gas detectors.
- Maintenance, service and repairs of the Emergency Response Equipment in accordance with NFPA Standards and manufacturers' specifications
- Replacement of removed equipment with loaner units
- Must be trained and certified by product manufacturer, in particular MSA and Kingsway manufacturers
- Provision of fit for use certification

### **Pressure Safety Valve Testing Services (High Risk)**

- In situ valve inspection testing
- Workshop valve inspection and testing
- Repairs and servicing
- Certified Technicians

### **Remote Satellite Monitoring (High Risk)**

- Using reduce radar & optical satellites technology for R.O.W Monitoring
- Provision of the Pipeline Integrity Management Software as a service for visualizing and managing any Interferences close to or on the R.O.W
- Provision of Third-Party Identification and Intervention
- Identification of following targets which can compromise the integrity of the pipeline network:
  - o Construction & Civil Works
  - o Encroachment settlements
  - o Change in waterway (river crossings)
  - o Vegetation change
  - o Landslide/ Erosion and potential pipeline exposures
  - o Signages (poles pilons etc.)

# THE NATIONAL GAS COMPANY OF TRINIDAD AND TOBAGO LIMITED

## SCOPE OF SERVICE CATEGORIES

### **Installation and Maintenance of Electronic Security Systems (All Facilities)**

- Supply of systems and materials
- Installation and Commissioning Services
- On-going Maintenance
- Systems Include: CCTV Cameras, Intrusion Detection Systems, Electronic turnstiles, Gates and Barriers, Access readers

### **Habitat Services (High Risk)**

- Provision of Pressurized Welding Habitat made of material that meets a nationally accepted standard. This includes the provision of scaffold, fastening materials, support units etc. as required to secure the Habitat.
- Provision of supporting equipment as required which includes, but is not limited to, gas and flame detectors, automatic and remote monitoring/control system, safe ventilation systems, hazardous area rated electrical equipment, two-way radios and automatic emergency shutdown. All supporting equipment must be certified and explosion proof.
- Provision of certified manpower for the assembly/construction and disassembly of Habitat and certified monitoring personnel as required during welding operations.
- Provision of personnel to perform project management services and logistics as required to support works offshore.
- All other related equipment, tools and experienced personnel necessary to satisfactorily perform the above services.

**NB:** For Further Inquiries Contact|E: [vendormanagement@ngc.co.tt](mailto:vendormanagement@ngc.co.tt)