

GUYANA SHORE BASE INC

Inspection Services – Equipment

1. Fire Alarm & Suppression Systems – NFPA

Scope: The contractor shall conduct inspection, testing, and maintenance (ITM) of all fire suppression systems, fire alarm control panels, initiating devices and notification devices installed across Shorebase facilities, including offices, warehouses, workshops, fuel bunkering, etc.

- **Standards:** NFPA 10, 25, 72, and other applicable NFPA codes
- **Deliverables:**
 - Updated fire safety inspection certificates
 - Functional test reports
 - Compliance checklist per NFPA code sections

Bidders must:

- Have personnel certified or trained in relevant **NFPA codes** (e.g., NFPA 10, 25, 72).
- Demonstrate experience inspecting fire systems in oil & gas, marine, or industrial environments.
- Be authorized to service and certify portable extinguishers, alarm systems, and suppression systems.
- Provide sample inspection checklists, certificates, and reports from similar past projects.

2. Fuel Line Inspections – API 570

Scope: Annual inspection and assessment of above-ground, overwater and underground (utilidor) fuel lines used for bunkering, vehicle refueling stations, generator diesel feeds, and storage tank piping across the Shorebase.

- **Standard:** API 570
- **Deliverables:**
 - UTT, MPI, ECT results
 - Coating visual inspection
 - Fitness-for-service evaluation

- Recommendations for repair/replacement
- Isometric drawings with measurement points
- Corrosion rate analysis
- Final assessment report with photos, action items and recommendations.

Bidders must:

- Have personnel who are **certified API 570 piping inspectors**.
- Possess NDT capabilities for thickness testing, weld evaluation, and corrosion assessment.
- Demonstrate familiarity with Shorebase fuel systems, bunkering lines, and pressurized pipelines.
- Provide calibration certificates for all test equipment used and sample inspection reports.

3. Lifting Equipment Inspections

Scope: Inspection and certification of all lifting gear including slings, shackles, spreader bars, hoists, chain blocks, lifting frames, forklifts, and mobile cranes used in cargo handling, vessel loading/unloading, and workshop operations.

- **Applicable Standards:**
 - BS EN ISO 10855 – Offshore containers and lifting sets
 - ASME B30.26 – Rigging hardware
 - BS 13414 – Wire rope slings
 - ASME B30.5 / BS 7121 – Cranes and mobile lifting equipment
 - OEM specifications
- **Deliverables:**
 - Load test certificates
 - NDT reports
 - Updated lifting gear register with traceable IDs
 - Inspection marking (color coding) of lifting gear

Bidders must:

- Be certified or recognized by a competent lifting authority or regulatory body.
- Have technicians certified in:
 - NDT Level II or III
 - ASME B30.26 / BS 7121 / ISO 10855 for lifting gear, cranes, and offshore containers
- Provide valid load test equipment calibration certificates.
- Submit sample lifting registers, certificates, and inspection reports from previous clients, preferably within the oil and gas or marine sectors.

4. Scale Calibration – NIST

Scope: Calibration of all weighing devices including cargo pallet / platform scales, weighbridges, and portable digital scales used for inventory check-in, container load confirmation, and client billing.

- **Standard:** NIST
- **Deliverables:**
 - Calibration certificates with traceability chain
 - Summary of accuracy error ranges
 - Calibration/certification must be completed and certificate received within 10 business days of request with minimal operational downtime.

Bidders must:

- Provide and use NIST-traceable calibration weights and procedures.
- Provide calibration personnel with documented competency in metrology.
- Submit:
 - Certificates of calibration traceable to NIST
 - Equipment inventory to be used
 - Sample calibration log or certificate

5. Tool Calibration – ISO/IEC 17025

Scope: Calibration of precision tools such as torque wrenches, pressure gauges, electrical meters, and gas detectors used in mechanical, fabrication, and inspection operations.

- **Standard:** ISO/IEC 17025

- **Deliverables:**

- Certificates valid for one year (unless specified otherwise) with uncertainty data
- Tool register with next calibration due dates
- Standard lead time for tool calibration and return should not exceed 7 calendar days

Bidders must:

- Be an ISO/IEC 17025-accredited laboratory, or subcontract services to one with current accreditation.
- Provide valid accreditation documentation and scope.
- Submit:
 - Sample calibration certificate with uncertainty values
 - Tool management system or register example
 - Lead time and service interval timelines

6. Warehouse Racking Inspections – EN 15620

Scope: Structural inspection of all warehouse shelving systems and racking systems (pallet and cantilever) used storage of drilling consumables, chemicals, and equipment within the Shorebase warehouse facilities.

- **Standard:** EN 15620 – Tolerances and deformations for steel static storage systems
- **Deliverables:**
 - Inspection report including deflection, loading signage, and anchor integrity
 - Annotated floor plan with marked defects
 - Corrective action recommendations prioritized by severity (if required)

Bidders must:

- Have documented experience inspecting industrial steel racking systems in warehouses or logistics hubs.
- Be trained or certified in European racking design and installation codes (EN 15620 / EN 15629).
- Provide:
 - Structural assessment methodology
 - Sample inspection report with layout diagram and photographic evidence

- List of applicable inspection tools used (e.g., laser levels, plumb bobs)

7. Wharf Inspections – ASCE MOP 130

Scope: Inspection of marine structures used for cargo vessel docking, supply boat access, and transfer of containers and CCUs to/from offshore operations.

- **Standard:** ASCE MOP 130 – Waterfront Facilities Inspection and Assessment
- **Deliverables:**
 - Above/below water structural condition report (including diver or sonar scans if applicable) with photographs
 - Load rating analysis and safety recommendations

Bidders must:

- Employ structural or civil engineers familiar with marine and coastal infrastructure.
- Demonstrate experience inspecting:
 - Concrete piles
 - Sheet pile walls
 - Mooring bollards and Fender systems
 - Jetty structures under live load conditions
- If underwater inspection is required, divers must be certified commercial divers with prior civil infrastructure experience.
- Submit:
 - Inspection methodology
 - Underwater survey capability (ROV or diver)
 - Sample structural assessment report