

**GUYANA SHORE BASE INC.**

**G-Stores 2 Pre-engineered Building (PEB)  
Assembly and Installation**

**SCOPE OF WORK**

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## 1.0 Project Summary

The contractor shall assemble a Pre-engineered Steel Building (PEB) for the installation and expansion of the G Store 2 Warehouse. This project covers every phase from primary and secondary structural installations to the fitting of roof and wall panels, gutters, downspouts, roof extractor fans, and windows. The contractor shall provide all necessary materials, equipment, manpower, and approvals required for the assembly and erection of the PEB, ensuring strict adherence to high-quality standards and comprehensive Health, Safety, and Environmental (HSE) protocols. The project is scheduled for completion within a 24-week timeframe.

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## 2.0 Mandatory Pre-Quotation Site Visit

- (I) All prospective bidders are required to complete a site visit before submitting a quote. This visit enables contractors to:
- a. **Assess On-Site Conditions:** Review physical conditions, logistics, and any potential site-specific challenges that may affect the project.
  - b. **Understand Site Access and Layout:** Familiarize themselves with access points, layout, and staging areas to plan for material and equipment handling.
  - c. **Review Safety Requirements:** Evaluate any specific safety protocols or restrictions that must be observed during the project, ensuring alignment with site HSE standards.
  - d. **Clarify Project Scope and Requirements:** Discuss project specifications with site management to ensure a thorough understanding of scope and expectations.
  - e. **Identify Resource Needs:** Identify required manpower, equipment, and materials to accurately estimate costs and timeline.
  - f. **Coordinate with Other Site Activities:** Determine any ongoing activities or nearby operations that may require scheduling coordination to avoid conflicts.
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## 3.0 General Scope of Work

This project entails the installation and expansion of the G Store 2 Warehouse, covering structural framing, roof and wall panel installation, gutter and downspout fitting, and installation of doors, windows, and roof extractor fans. Responsibilities include mobilizing necessary equipment, maintaining quality and HSE standards, coordinating with on-site contractors, ensuring certified operators, and submitting lift plans. Weekly progress updates and a detailed project schedule are required. The project concludes with final QA/QC documentation, As-Built drawings, and a project close-out meeting.

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## 4.0 Specifications and Compliance Standards

The work must adhere to the following standards:

- (I) **ISO 9001:** Quality Management Systems
- (II) **ISO 45001:** Occupational Health and Safety
- (III) **AISC 360-16:** Structural Steel Specifications
- (IV) **OSHA 1926:** Safety and Health Regulations for Construction

## 5.0 Inspection and receipt of materials

The Contractor shall conduct a thorough inspection and inventory of all building components received from the Company before installation. Any claims for damaged or missing items will not be accepted by the Company after the initial inventory and inspection are completed.

The Contractor is responsible for rectifying minor issues, such as scratches, bends, and cracks, found on building parts on-site. Repairs may include applying touch-up paint and primer, welding, and straightening bent items. Siding and roofing sheets must be handled and stored with the utmost care to avoid damage or dents. For handling long, bundled sheets, the Contractor shall use a spreader bar or lifting cradle with sufficient capacity to prevent deformation and ensure safe material handling.

## 6.0 Installation Requirements

### 6.1 Structural Framing

- (I) Erect primary and secondary framing according to design specifications.
- (II) Use calibrated torque wrenches to torque all structural bolted connections.

High strength bolt Initial and Final tightening torque table

Bolt spec.	Construction pretension Pc (kN)	Nominal diameter of bolt d (mm)	Torque coefficient K	Final tightening torque		Initial tightening torque (N.m)
				Tc (N.m)	Tc=K.Pc.d	
M20(10.9S)	170	20	0.15	510		255

- (III)
- (IV) After each bolt is torqued to specified levels, a visible, durable paint mark is to be applied across the bolt head, nut, and adjoining surface to create a witness mark for easy inspection.
- (V) If torque specifications are not provided, consult with site management for clarification.

## 6.2 Alignment of anchor bolts

- (I) If it is determined that the anchor bolts for securing the building columns are misaligned according to the Anchor Bolt Plan, the contractor must promptly report this to site management to facilitate resolution.

## 6.3 Roof and Wall Panel Installation

- (I) Install panels for weather-tight performance per manufacturer's guidelines, applying sealants as required.
- (II) Installation of caps on fasteners as recommended by the building manufacturer.
- (III) Complete installation progressively by slab section, ensuring consistency and alignment.
- (IV) No skylight roof sheet is to be installed, same is to be replaced with V-840 type- (metal) roof panels.

## 6.4 Gutter and Downspout Installation

- (I) Install gutters with specified slopes for proper drainage, routing downspouts to designated drainage points as per the site plan.
- (II) Verify all connections for leak prevention and structural stability.

## 6.5 Installation of Doors, Windows, and Roof Extractor Fans

- (I) Install windows, and roof extractor fans as per building drawings.
- (II) Install Traffic Doors as per manufacturer instructions; ***G store Two – Wall Panel Plan and Sliding Door Installation Drawing.***
- (III) The final position of the pedestrian door may differ from that specified in the building installation drawings. The contractor must confirm the exact location with site management before finalizing its placement.
- (IV) Ensure doors and windows are properly weather-sealed and install extractor fans in designated locations for optimal ventilation.
- (V) Any onsite modifications that deviate from the building installation drawings must receive approval from the site manager prior to execution.

## 6.6 Removal of Metal Shavings and Debris

- (I) Regularly clean metal shavings during installation to prevent corrosion and maintain a clean site.

## 6.7 SIMOPS Coordination

- (I) Actively coordinate with on-site contractors to avoid conflicts, adjusting schedules as necessary to manage simultaneous operations.

## 6.8 Operator and Equipment Requirements

- (I) Ensure operators are certified for their respective equipment.
- (II) All equipment, including torque wrenches and any heavy machinery are to be certified and within the certification date.
- (III) All supplied equipment must be well-maintained, fully certified, and operate at optimal performance and safety standards. Contingency plans should be established to address and mitigate potential delays caused by equipment malfunctions.
- (IV) An equipment checklist must be established and verified daily before starting each workday.
- (V) All equipment operations must comply with the site traffic management plan.
- (VI) Equipment used on the building slab must be operated carefully to prevent any damage, including oil or fuel leaks, cuts, and abrasions.
- (VII) Mobilization and demobilization of equipment require prior approval from site management.
- (VIII) If onsite welding of structural members is necessary, particularly for the installation of traffic doors, the work must be performed by a certified welder with credentials that have been submitted for review and approved in advance.
- (IX) Ensure all lifting accessories are certified and within the certification date.
- (X) **N.B:** *Copies of all certificates are to be compiled and submitted to the Project Management Team.*

## 6.9 Lift Plan and Rescue Plan

- (I) All mobile crane lifts must undergo a thorough assessment, with a detailed lift plan submitted to the site HSE department for approval prior to any lifting activity.
- (II) All MEWP (Mobile Elevated Work Platform) operations require a comprehensive rescue plan, which must also be submitted to the site HSE department for approval in advance.

## 6.10 SPECIFICATIONS, DRAWINGS, ATTACHMENTS AND EXHIBITS

Work shall be performed in accordance with the following described specifications, drawings, and other documents, which by this reference are made a part hereof.

Drawing No.	Drawing name
01	G store Two – Installation Drawings
02	G-Store Two – Expansion Drawings
03	Sliding Door Installation Drawing

## 7.0 Project Schedule and Weekly Reporting

### 7.1 Project Schedule

- (I) The Contractor shall provide a detailed project schedule in MS Project, covering all major phases and milestones within the 24-week duration.
  - a. Project schedule is to be updated at a minimum once weekly, reflecting any progress, adjustments to timelines, resource allocations, and any identified risks or delays affecting the project's completion.

### 7.2 Weekly Reporting

- (I) Submit updated project schedules and weekly progress reports each Wednesday until completion of project, detailing progress, deviations, and planned activities for the following week.

## 8.0 Quality Assurance and Quality Control (QA/QC)

A QA/QC plan is required, focusing on:

- (I) Witness marking all torqued structural fasteners to confirm compliance with specified torque levels.
- (II) Using checklists verified by the site supervisor at each phase's completion.
- (III) Vertical alignment of building primary structural members.

## 9.0 Health, Safety, Security, and Environmental (HSSE) Protocols

- (I) Adhere to the following HSSE requirements:

- (II) All personnel to be on site are to be site inducted before working on site.
- (III) A qualified HSE officer must be always present onsite.
- (IV) Full compliance with Drug and Alcohol policy.
- (V) Daily work permits are to be submitted 12 hrs. in advance of the next day's activities.
  - a. All work permits are to be submitted to the GoArc Platform.
  - b. The contractor is responsible for notifying site management of any GoArc training requirements at least 48 hours in advance.
- (VI) Always enforce full PPE usage on-site in accordance with **OSHA 1926**: Safety and Health Regulations for Construction or as required by site management.
- (VII) Develop and communicate a site-specific emergency response plan to team.
- (VIII) Manage waste responsibly.
- (IX) Provision of basic amenities for staff, including but not limited to:
  - a. Washrooms
  - b. Break room/ Tent
  - c. Potable water

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## 10.0 Communication and Coordination Protocols

To ensure efficient project communication:

- (I) Contractor site team lead is required to attend the daily coordination meeting.
- (II) Attend daily SIMOPS coordination meetings with other contractors and Project management team to prevent schedule conflicts.
- (III) Attending daily Toolbox meeting at 0700 hrs.

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## 11.0 Contingency and Risk Management

In the event of unforeseen circumstances:

- (I) Contractors must have contingency plans for common delays (e.g., adverse weather) and update schedules accordingly within 48 hours.
- (II) Risk mitigation strategies should be documented and reviewed at weekly project meetings.

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## 12.0 Insurances

- (I) Contractors All Risk Insurance: Ensure coverage for the entire duration of the specified scope of work.

- (II) Employer's Liability Insurance: Maintain coverage throughout the entire duration of the specified scope of work.
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### 13.0 Project Close-Out Requirements

Upon project completion, the Contractor shall:

- (I) Submit all final QA/QC reports, including inspection and witness mark and torquing records.
  - (II) Provide updated As-Built drawings reflecting all modifications.
  - (III) Participate in a project close-out meeting with the client to review deliverables and final inspections.
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### 14. Deliverables

- (I) **As-Built Drawings:** Submit comprehensive As-Built drawings at project completion, reflecting any adjustments made during construction. To be submitted in PDF and AutoCAD formats.
- (II) **Daily and Weekly Reports:** Daily brief reports and detailed weekly reports covering progress, HSSE observations, incidents, and updates.
- (III) **Inspection Records:** Complete QA/QC documentation, including witness-marked fasteners, and provide all records upon project close-out.