

Guyana Shore Base Inc.

Technical Specification

Sandblasting and Painting of Steel Structure, G-Store 2 McDoom, East Bank Demerara.

Project Description

Contractor to provide Company (GYSBI) with the following turn-key services:

1. Sandblasting or laser cleaning of rusted elements of the G-Store 2 PEB steel load-bearing structure.
2. Apply alkyd paint, twice primer paint, and twice finish paint, a total of 125um thickness.
3. Application of coating twice primer paint, each time 30um, total 60um. Then, coating twice, finish the paint, each time 30um, a total of 60um.

Work to coordinate with the currently ongoing G-Stores construction activities by GYSBI.

SPECIFICATIONS, DRAWINGS, ATTACHMENTS AND EXHIBITS

All Work shall be performed in accordance with the specifications, drawings, and other documents described below, which are incorporated by reference into this document.

Document No.	Document Name	Document Date
n/a	G Stores 2 Inventory List	15 October 2024

Specifications:

All paintwork is to be applied as per ASTM, especially testing the final coating as follows:

- ASTM D4417
- ASTM D7091
- ASTM D1186
- ASTM D4541
- Contractor to provide testing equipment for the dry film.
- The GYSBI QA/QC officer must visually test and accept the surface before proceeding with the application of primer and topcoat.
- Dry Film Thickness testing is required at every 3m / 10ft on the columns (4 sides) and once at each end (4 sides, plus end plate). 3 samples at each spot as a minimum of primed and coat surfaces.

DESCRIPTION OF WORK – SPECIFIC

1. Before submitting the proposal, a site visit is required to assess the work and location.
2. Contractor to submit work schedule with the proposal (the estimated time to complete the individual tasks as a minimum).
3. The contractor can decide whether the work will be performed at the construction site or transporting the steel parts from the construction site to their facility is more beneficial and efficient for the execution of works. The cost of transportation to be included in the total price.
4. The company will not supply material, labor, equipment or any other resources to Contractor, except a telehandler for material handling.
5. The contractor shall mobilize all the resources necessary to adequately perform the work.
6. HSE representative of Contractor to be present on the work site all the time when works are ongoing at Company location.

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7. The contractor must submit a risk assessment (RAMS) for review and approval for each type of work on the site. After the RAMS are approved, a work permit can be opened. Works without a permit are strictly prohibited on the site.
8. Contractors store materials in a safe and orderly manner, especially hazardous materials and liquids. All hazardous materials, liquids to be stored in a secondary containment area, sized 110% of the total stored hazardous liquid quantity.
9. Contractors can mobilize temporary facilities upon prior coordination and approval by Company.
10. Leaks, spills and other major issues may require removal of the tool or equipment from the premises at Company's discretion.
11. Contractor shall provide suitable barricades or other means to prevent unauthorized entry into the Work area.
12. Contractor is responsible for providing to all workers involved in project minimum PPE as per GYSBI policy.
13. All workers involved in the project are required to complete one day GYSBI training and site induction.
14. Contractor shall remove all equipment, tools and materials and leave the site in a clean, orderly fashion upon demobilization.
15. All generated hazardous waste such as empty cans, drums, canisters, contaminated rugs shall be collected in appropriate receptacles and removed by Contractor as the latest by the end of work. The company will provide bins for regular waste disposal.
16. The standard work hours of the project site are: 07:00-17:00 M-S, Sunday: off.
17. The contractor shall sandblast, or laser clean the entire surface of steel parts of the G-Store 2 PEB as listed in the attached Inventory Sheet.
18. The contractor shall apply alkyd paint, twice primer paint, and twice finish paint, a total of 125um thickness.
19. The contractor shall apply primer paint twice, each time 30um, for a total of 60um. Then, the contractor shall apply finish paint twice, each time 30um, for a total of 60um.
20. Friction plates at connections shall be omitted during the painting process. These areas currently aren't painted.

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21. All individual part ID numbers placed on the steel parts by the manufacturer shall be reproduced after the painting process completed by preferably using a hand metal stamp, or stenciled black paint.

MATERIAL, EQUIPMENT OR SERVICES FURNISHED BY COMPANY

The contractor will furnish the necessary materials, tools, equipment, and manpower, including transportation to the site, to finish the Work Scope.

The company will provide a telehandler for material handling – based on availability and preliminary coordination.