

GUYANA SHORE BASE INC

INSTALLATION OF RACKS, CENTRAL CONCRETE YARD, MAIN BASE

SCOPE OF WORK

1.0 DESCRIPTION OF WORKS – GENERAL

1.1 Project Description

The Contractor shall supply all equipment, tools, and manpower required for the Installation of Racks at Central Concrete Yard, Main Base. The services and goods to be supplied under the Contract shall be in accordance with the Scope of Works and as described in Dexion's Installation Manuals that are included in the Tender Document.

The Scope of Works will include compliance by the Contractor with all General Conditions of the Contract, even if they are not specifically mentioned in the various clauses of these documents. This should include provision for insurances and bonds, employees welfare facilities, etc.

The works should take into account the requirements of Appendix C - GYSBI QHSSE Management Handbook for External Parties. It will also include the provision of safety equipment for workers and adequate sanitary arrangements.

2.0 SPECIFICATIONS, DRAWINGS, ATTACHMENTS, AND EXHIBITS

All works shall be performed in accordance with the following description, specifications, drawings, and other documents, which by this reference are made a part thereof.

Appendix	Document
A	Scope of Works; including Drawings and Technical Specifications
B	Schedule of Rates/ Bills of Quantities; to be provided by the Contractor
C	GYSBI QHSSE Management Handbook for External Parties

3.0 DESCRIPTION OF WORKS – SPECIFIC

The Work described in Sections 1.0 and 2.0 of this document shall include, but not be limited to, the following:

- 3.1 **Contract Duration** – This Agreement is effective on the “Effective Date” and shall continue in effect as guided by the Contractor's Work Program but not more than 89 Calendar Days, unless earlier terminated in accordance with the provisions of this Agreement.
- 3.2 **Preliminary** – The Contractor shall provide the necessary insurance, bonds, welfare facilities and site accommodation for the duration of the contract.
- 3.3 **Equipment** - The Contractor shall refer to Section 3.4 of the Instruction to Bidders - Evaluation Criteria for equipment requirements.
- 3.4 **Key Personnel** - The Contractor shall refer to Section 3.3 of the Instruction to Bidders - Evaluation Criteria for key personnel/ manpower requirements.
- 3.5 **Works Requirement**
 - 3.5.1 The Scope of Work does not include the supply of the cantilever racks nor the pallet racks by the Contractor.

- 3.5.2 All rack components shall be installed in accordance with the manufacturer's installation manuals. Any deviations from the manufacturer's guidelines must be approved, in writing, by project manager before executing.
- 3.5.3 The Contractor shall supply all equipment, tools, and manpower required for the installation of the racks, inclusive of:
- Setting-out,
 - Supply and installation of anchor rods with nuts; levelling and holding down. Rods and nuts shall be grade 8.8, M12 diameter, and anchored a minimum of 170mm into the existing concrete slab. The Contractor shall account for grout thickness, nuts and minimum 1" extension beyond top of nut,
 - Drilling of holes. Particular attention is brought to the need for specialized drill bits as reinforcement will be encountered during the drilling of anchor bolt holes,
 - Grouting to base plates. Grout shall be cementitious, flowable, non-shrink complying with ASTM C1107 and shall have a minimum compressive strength of 5,000 psi at 28 days. The grout shall be installed in strict accordance with manufacturer's guidelines. Grouts such as MasterFlow 100 or Conbextra HF or similarly approved can be employed.
 - Load testing, including supply of test weights.
- 3.5.4 The Contractor shall prepare a detailed method statement prior to commencement of works for the installation and load test for the racks.
- 3.5.5 The Contractor must appoint a representative to verify the assembly of all components as per design drawings and manufacturer's instructions. All quality verification must be clearly documented.
- 3.5.6 The Contractor must appoint a suitably qualified HSE representative to manage the HSE aspects of the job, attend to corrective actions identified by the client, and ensure conformance with the GYSBI QHSSE Management Handbook for External Parties.
- 3.5.7 The racks shall be configured as per Appendix A – Drawings.

- 3.5.8 The racks shall be installed in the Central Concrete Yard, Main Base, as shown below (Image 1). The final location of the racks will be confirmed prior to the commencement of the works.
- 3.5.9 The Contractor is responsible for destuffing, inventory and sorting of rack components. The Contractor should immediately report any missing or damaged component to Client. Failure to do so will result in Contractor bearing responsibility replacing any short of damaged element at the Contractor's expense.
- 3.5.10 The Contractor shall carry out rust removal and paint touch-up as required.
- 3.5.11 All bolts must be tensioned to required torque as per manufacturer's guidelines.
- 3.5.12 The racks shall be load tested and certified in accordance with the relevant ANSI or similarly approved standard, by the Client. The Contractor is responsible for providing test loads which must be certified/verified prior to load testing. A report must be prepared for the load testing exercise with clear details of actual deflections in comparison with manufacturer's tolerances.

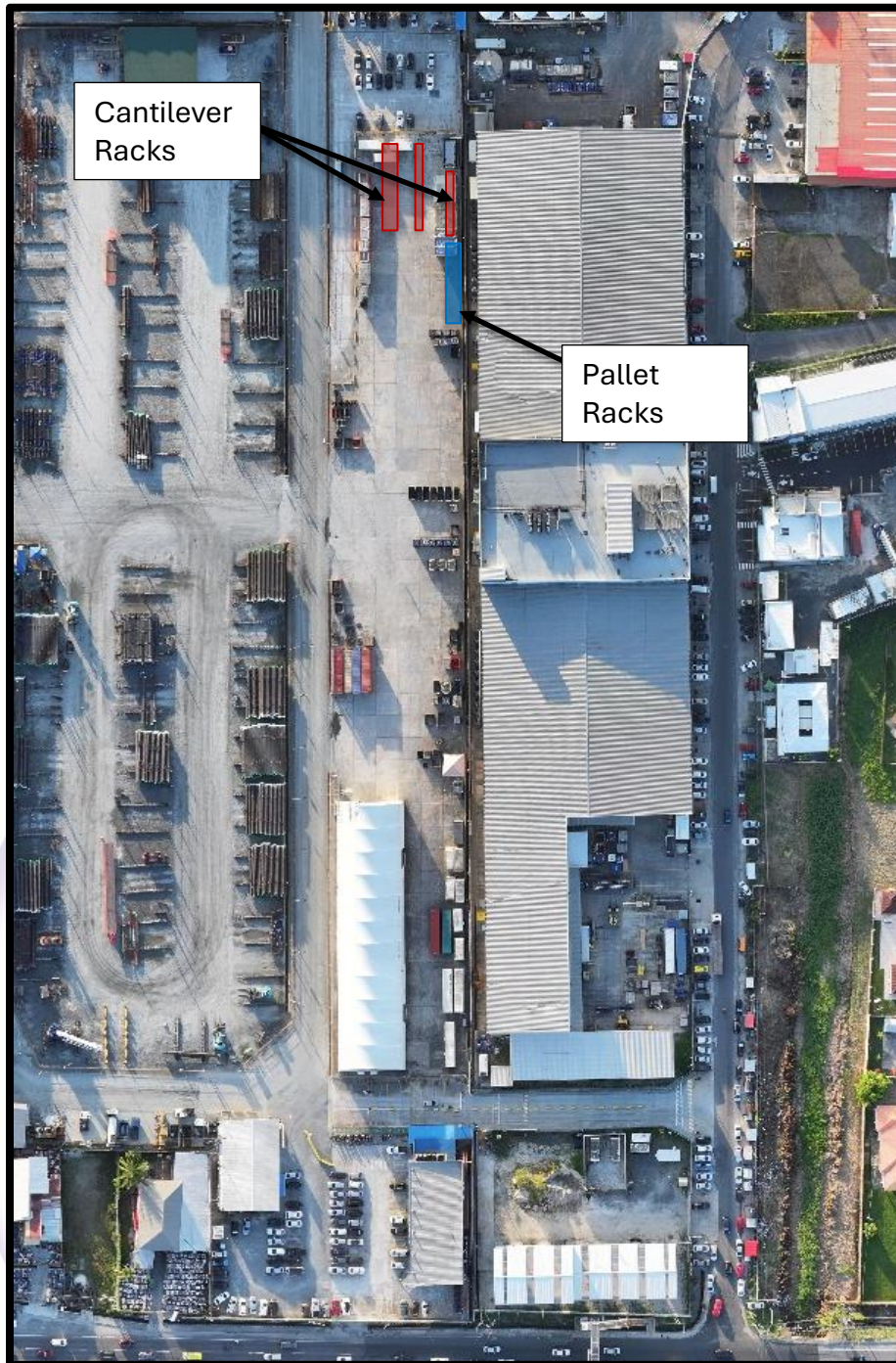


Image 1: General location of racks to be installed.

3.6 **Storage-** The Contractor shall take all measures to ensure that materials, tools/ equipment etc., are properly stored during the execution of the works.

- 3.7 **Non-Compliance** – The QA/QC manager/employer representative shall notify the Contractor of any non-compliance. The Contractor shall respond within 2 days with a detailed report regarding their schedule and what corrective action/replacement will be taken, where applicable, after receiving the notice. If the Contractor fails or refuses to promptly take corrective action, the employer may issue an order suspending all future supply. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule for any suspension issued under this clause.
- 3.8 A **Pre-job conference/Kick-off meeting** at the site will be required prior to the commencement of works. The conference will be between the Employer HSE Representative, Employer QA/QC Representative, Employer Engineering Representative, Employer Operations Representative, and Contractor to review the site conditions, responsibilities, and requirements of the delivery. At that time, the Contractor shall present a copy of his execution plan of the delivery and shall discuss in detail the procedures and the sequence of delivery including a page-turn review of the plan.
- 3.9 **Contractor's Resources** – The key personnel for the project shall comply with the requirements of Section 3.3 of the Evaluation Criteria and is subject to adjustment as required by the Employer for completion of the works.
- 3.10 **Contractor's Scope Interfaces/Simultaneous Operations (SIMOPS)** - In order for the Contractor to perform the Work, it will be necessary for the Contractor to interface with others during the Work. The Contractor shall be responsible for interface planning and implementation with Company and other Contractors. The Contractor shall be responsible for defining the interface requirements and ensuring the necessary data or physical interface is performed in accordance with other Contractor's schedules