

Transnet Port Terminals

Durban Container Terminal

Pier 1



Document Title


RTG (Rubber Tyre Gantry) Load Testing

Project Title

Load Testing of RUBBER TYRE GANTRY at Pier 1 Container Terminal

1. Authorization Signatures

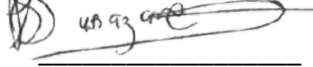
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Date:

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- **Scope Background**

Durban Container Terminal Pier 1 utilizes Rubber Tyre Gantries and other various equipment for their container operations. These pieces of Equipment must be Proof Tested & Certified satisfactory for use by 3rd party inspection authority in line with ISO standards and Transnet Code of Practice 29.

- **Scope of Works**

Note: The approved contractor shall perform the service according to the provided scope of work. Please note that any deviations from the scope must be discussed and approved by the project leader before work can commence.

.1 Objective of Scope

The objective of this scope of works is for contractor to Examine, Load test & Certify that the equipment is fit for use. The outcome of this service

- To ensure our Equipment complies with Industry Standards [OHS Act 85 of 1993 /Transnet COP 29]
- To ensure our Equipment is safe for use.

.2 Work to Be Conducted

- Conduct a pre-load test inspection
- Apply a load of 110% times Safe Working Load of the RTG
- Do a post load test inspection
- Supply a load test certificate and the inspection report
- All equipment used (Load cells, Deflection meters) must have valid calibration certificates.

A service provider must be an approved LME (Lifting Machinery Entity).

The LMI conducting the Load Test must be ECSA Registered for that particular piece of equipment to be load tested, and must be able to provide valid certificate of Registration along with the scope of work he/she is registered for.

The LMI conducting the load test must be medically fit to work on heights and must have a valid WORKING ON HEIGHTS certificate

The LMI conducting the Load test must be in the employ of the service provider awarded the work [the service provider must not subcontract a 3rd party to do the work on their behalf]

- **Safety**

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It is the responsibility of the Service provider to ensure that the team working on site conduct work in a safe manner. All team members will be required to wear safety harnesses when working at heights and in high-risk areas. It is the responsibility of the contractor to ensure that all personnel are trained to work at heights and are comfortable in doing so.

- **Inclusions**

Transnet Port Terminals will provide the following:

- a. Access permits to the site
- b. RTG operator
- c. Safety induction for contractors on site
- d. Forklift
- e. Test weights

- **Exclusions**

Transnet Port Terminals will not provide the following:

- a. Labour shall be at the contractor's expense
- b. Forklift Certified Operator
- c. All costs, including transportation, shall be at the contractor's expense.

- **Quality Control**

As a minimum, the following standards must be complied with:

Quality Management (Transnet Standard)	EEAM-Q-009
Transnet Code Of Practice 29	TRN-IMS-CRP-CoP-29
Occupational Health and Safety Act No. 85 of 1993	DMR 18 5(a) & (b)

Transnet Port Terminals reserves the right to audit the process flow during the load testing to ensure workmanship is of Transnet's standards.

- **Evaluation Criteria**

Please refer to the evaluation criteria. It is the responsibility of the bidder to go through the evaluation criteria and submit all relevant documentation. Please note that if a bidder does not meet the minimum eligibility criteria, the bid will be disqualified.

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