



PART C3: WORKS INFORMATION

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C3.1 EMPLOYER'S WORKS INFORMATION

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SECTION 1

1 Description of the works

This works information covers the combined scope for the following works to be executed at various buildings at the Port of East London.

- Supply and Installation of heavy-duty grade 316 stainless steel windows and doors, burglar bars at the Manhattan building.
- Supply and Installation of grade 316 stainless steel round tubing handrails at the balcony section of the Harbour Master's office in the Port Control Building.

1.1 Scope of Works and Objectives

The appointed service provider shall perform the supply, fabrication, and installation of the above works as detailed below. All works are to comply with relevant SANS standards, the Occupational Health and Safety Act (Act No. 85 of 1993), and Transnet National Ports Authority (TNPA) safety requirements.

1.1.1 Supply and Installation of Burglar Bars – Manhattan Building

The *contractor* shall supply and install heavy-duty burglar bars on designated doors and windows at the Manhattan Building. The work aims to enhance the physical security of the building due to limited visibility from the security post.

The *Contractor* is required to:

- Take measurements of the proposed areas of installation to satisfy themselves with the required amount of work.
- Supply and install durable, tamper-proof burglar bars for the doors and windows.

A. Specification of the burglar bars

Doors

- Burglar frame to be 75 x 25 mm, drilled and epoxied into the walls.
- Internal bars to be 10mm in diameter. Maximum spacing 160mm centre to centre.
- Supplied with a heavy-duty burglar door lock.

Windows

- Burglar frame to be 15 x 15 mm, drilled and epoxied into the surrounding walls.
- Internal bars to be 10mm in diameter. Maximum spacing 160mm centre to centre.

1.1.2 Supply and Installation of Stainless-Steel Handrails – Port Control Balcony

The *contractor* shall remove the existing galvanized mild steel balustrade and supply, fabricate, and install new grade 316 stainless steel handrails at the balcony section of the Harbour Master's office in the Port Control Building.

The *Contractor* is required to:

- Remove and dispose of the existing galvanized mild steel balustrade and make good the concrete surface.
- Supply and install new grade 316 stainless steel balustrade comprising:
 - Post \varnothing 150 mm anchored into the concrete floor at 1.25 c/c with 150x60mm base plates, bolts, nuts and washers.
 - \varnothing 100mm top and central handrails
 - Minimum 1m high.
 - Provide all access scaffolding, tools, and equipment, and ensure compliance with site health and safety requirements.

2 Engineering and the *Contractor's* design

2.1 *Employer's* design

- 2.1.1** The *Employer's* design and specification for the works is indicated and limited to the scope of the works highlighted in Section 1.2 of this document, which should be read and executed in accordance with the Engineering drawings provided by the Employer.
- 2.1.2** The works shall be executed according to the relevant South African National Standard (SANS) codes.
- 2.1.3** The *Employer* grants the *Contractor* a licence to use the copyright in design data presented to the *Contractor* for the purpose of the *works* (and the *Contractor's* obligation under paragraph 2.2 of the *Employer's Works* Information) ONLY.

2.2 Parts of the *works* which the *Contractor* is to design

- 2.2.1** The *Contractor* is to design the following parts of the *works*:
- Temporary works, including scaffolding, access arrangements, and safety equipment.
 - Fabrication details and balustrade sections.
- 2.2.2** Unless expressly stated to form part of the design responsibility of the *Employer* as stated under 2.1 *Employer's* design above and whether or not specifically stated to form part of the design responsibility of the *Contractor* under this paragraph 2.2, all residual design responsibility and overall responsibility for the total design solution for the *works* rests with the *Contractor*.

2.3 Procedure for submission and acceptance of *Contractor's* design

- 2.3.1** The *Contractor* shall submit fabrication drawings, method statement, and quality plans for acceptance prior to commencement of the installation.

2.4 Review and Acceptance of *Contractor* Documentation

The *Contractor* documentation shall be submitted to the Project Manager for review and acceptance in accordance with Transnet's document control procedures.

3 Construction

3.1 Temporary works, Site services & construction constraints

3.1.1 Temporary works, Site services & construction constraints

The *Contractor* shall:

- Prepare the working area with appropriate safety measures.
- Provide access scaffolding, tools, and safety equipment.
- Carefully dismantle and remove the existing balustrade and repair any concrete damage.
- Install the new stainless-steel handrails according to specifications.
- Carry out final inspection with the project manager.

3.1.2 Health and safety facilities on Site

- All works to comply with TNPA SHE standards and access requirements.
- Risk assessment, toolbox talks, and appropriate PPE compliance is mandatory before work begins.
- Safe disposal of any construction debris or removed material.
- Fall protection and equipment certifications for working at height (if required).



PART C4: SITE INFORMATION

TRANSNET NATIONAL PORTS AUTHORITY - PORT OF EAST LONDON
TENDER NUMBER: TNPA/2026/02/0172/1591/RFQ
DESCRIPTION OF WORKS: SUPPLY AND INSTALLATION OF HEAVY-DUTY GRADE 316 STAINLESS STEEL BURGLAR BARS FOR WINDOWS AND DOORS AT MANHATTAN BUILDING, AND SUPPLY AND INSTALLATION OF HEAVY-DUTY GRADE 316 STAINLESS STEEL ROUND TUBING BALCONY HANDRAILS AT PORT CONTROL BUILDING IN THE PORT OF EAST LONDON FOR A PERIOD OF SIX (6) WEEKS.

C4: Site Information

C4.1: Information about the site at the time of tender that may affect the work in this contract

1. GENERAL DESCRIPTION OF THE SITE

1.1 THE MANHATTAN BUILDINGS

The site is located on the East Bank of the Buffalo River, at the Port of East London, near the Princess Elizabeth Graving Dock (Dry Dock) area. The area forms part of the operational port infrastructure and is under the jurisdiction of the Transnet National Ports Authority (TNPA).



Figure 1: The Manhattan Building Site Location

The Site can be accessed from the Dry Dock gate on the Pontoon Road. The same gates will be used to exit the site

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Table 1: Windows and Doors requiring the installation of the burglar bars at the Manhattan Building



2.1 PORT CONTROL BUILDING

The site is located on the East Bank of the Buffalo River, at the Port of East London. The area forms part of the operational port infrastructure and is under the jurisdiction of the Transnet National Ports Authority (TNPA).

The Site can be accessed from the Ganteaume Crescent road in Quigney. The same gates will be used to exit the site

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Figure 2: Port Control Building Site Location



Figure 3: Port Control Balcony Section

2. ACCESS LIMITATIONS

The *Contractor* will be required to obtain a work permit from the *Employer's* Security Department, which will be valid for the duration of the contract. The work permit will be issued to the *Contractor* free of charge. The *Contractor* must have this permit with him/her every time him/her enter or exit the *Employer's* premises.

The *Contractor* will be allowed to access the site within the *Employer's* working hours, from Monday to Friday, from 08h00 to 16h30. A formal request must be submitted to the *Employer* should the *Contractor* wish to work outside the stipulated working times.

The *Employer* has a zero-tolerance policy on the use of alcohol or drugs on the port premises. Breathalysers are located at every access point, which will be used to test the *Contractor* every time he/she enters the *Employer's* premises. If anyone is found intoxicated, they will be denied access to the port.