

## **TRANSNET NATIONAL PORT AUTHORITY**

### **SCOPE OF WORK**

For: Transnet National Ports Authority

Project Name: Replacement of Aluminium Framed Glass Doors at  
Port Manager's Office

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Owner: Transnet National Ports Authority

Client: Port of East London

Port Engineer: Zanele Ntantala

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## **SCOPE OF WORK: REPLACEMENT OF ALUMINIUM FRAMED GLASS DOORS AT PORT MANAGER'S OFFICE**

### **1. LOCATION OF WORKS**

The work is located at Port Control Building, Port Manager's Office in the Port of East London. The area is access controlled and all security and safety protocols must be adhered to.

### **2. BACKGROUND**

The port manager's office is facing problems with worn-out and corroded hinges on its aluminium doors, which raises safety concerns because one door also falls unexpectedly when opened due to wind. The compromised doors pose safety risks to individuals accessing the office.

It has become necessary to replace the aluminium doors to ensure that the office premises run smoothly and securely, the replacement doors will prioritise durability, safety features, functional design, security, and compliance with applicable requirements.

### **3. SCOPE OF WORK**

The works entails the replacement of the aluminium framed doors with aluminium sliding door and aluminium framed glass windows

Summary of the major tasks include:

- Removal of the existing 2x aluminium framed glass doors.
- Installation of 1x aluminium framed fixed-pane window.
- Installation of 1x aluminium framed sliding door.

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## **4. STANDARDS AND SPECIFICATIONS**

All work shall conform to all applicable standards and regulations. The contractor shall be aware of the following standards that he/she should adhere to,

### **4.1 Standards Adherence**

- Occupational Health and Safety, Act 85 of 1993.
- SANS 10400A, National Building Regulations, Act 103 of 1977.
- Construction Regulations, 2014.

### **4.2 Specification**

#### **4.2.1 Fixed Pane Windows**

- The fixed pane window shall be aluminium framed. The colour of the frame shall be of the existing colour.
- The window shall have no opening sashes.
- The window shall have the length of 1.1m and height of 2.3m.
- The window shall have 4 panels of equal dimensions.
- The glass shall be tinted with appropriate material to block excessive lighting.

#### **4.2.2 Aluminium Sliding Door**

- The sliding door shall be aluminium framed. The colour of the frame shall be of the existing colour.
- The door shall be a 2-panel sliding door.
- The door shall span a length of 2.1m and 2.3m high.
- The glass shall be tinted with appropriate material to block excessive lighting.

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### 4.3 General Requirements

- The contractor is to provide all material, equipment, labour, and supervision to complete all the specified work.
- The contractor is to remove and appropriately dispose offsite all waste.
- The Contractor is liable for any damage or loss of equipment immediately after they have been granted site access to resume the work.
- The flow diagram of the process shall be supplied to National Ports Authority prior to any work being carried out
- The contractor shall provide ongoing site cleaning as required on a daily basis to the satisfaction of the TNPA supervisor.
- The Contractor shall comply with Transnet's safety requirements.
- Attendance to the site briefing is compulsory.

### 5. COMPLETION OF THE WORK

- Take-over will take place when commissioning is completed. Outstanding items on the snags list will be attended to by the *Contractor*.
- Invoicing will be done once all the works is certified complete.

### 6. HEALTH AND SAFETY REQUIREMENTS

The successful *Contractor* shall:

- All equipment and installation whether detailed in this specification or not shall comply with the requirements of the Occupational Health and Safety Act 85 of 1993 as amended and all other applicable legislation including specific set of regulations and local authority by laws where applicable.

- At all times during the manufacture, of assembly and testing of the equipment the contractor will be responsible for the safety of all persons on site and the equipment.
- Provide a comprehensive health and safety plan detailing his proposed compliance with the regulations. The Health and Safety Management Plan must provide a systematic method of managing hazards and implementing control measures.

## **7. SHEQ SPECIFICATION**

- Prior to commencement of contract, the contractor shall be issued with a SHE specification to compile a SHE files in line with TNPA requirements. Prior to establishing on site, it is an explicit requirement of this contract that all the Contractor's personnel directly involved with this contract, including those of sub-contractors, attend a Safety induction course.

## **8. PROJECT MANAGEMENT**

During tendering stage, a *Contractor* shall provide a project plan including at least the following:

- Project phases.
- Time schedule.
- Approach methodology.