

PART 4: SITE INFORMATION

Core clause 11.2(16) states

“Site Information is information which

- describes the Site and its surroundings and
- is in the documents which the Contract Data states it is in.”

In Contract Data, reference has been made to this Part 4 of the contract for the location of Site Information.

1. Description of the Site and its surroundings

1.1. General description

The Port of Durban is one of the largest and busiest ports in Africa managed and governed by Transnet National Port Authority. The port is divided into various precincts namely Point, Maydon Wharf, Container Terminal (Pier 1 & Pier 2) and Island View (IV). TNPA monitors and supplies power within the port boundaries. TNPA consist of a number of High Voltage substations located in the various precincts.



Thus, the port makes use of SCADA monitoring systems and fiber optic networks for the supervision of the high voltage electrical network, protection systems and electricity/water billing system. It is important to note, almost all of the sites at which metering equipment have been installed are mostly substations and access is restricted to people who are in possession of a "C" green certificate or letter of authority as detailed in the Transnet electrical safety instructions.

It is therefore a requirement that all Tenderers shall attend the site briefing at the Ocean Terminal Building Complex to familiarize himself/ herself with the nature of the site, the conditions under which the metering equipment is installed and the means of access to site and any other limitations.

The Contractor must comply with the following requirements of the *Employer*:

- All *Contractor's* personnel appointed for this project shall undergo a safety induction conducted by the *Service Manager* or his duly authorised TNPA representative before occupying any TNPA premises.
- All *Contractor's* personnel coming to site shall at all times wear their uniform bearing their Employer's name or colour code so as to be easily identifiable as being employed by the particular company concerned.
- The *Contractor's* personnel shall adhere to all the standard operating procedures for TNPA security to ensure compliance to the applicable standards and regulations (e.g. International Ship and Port Facility Security (ISPS) Code).
- The *Contractor's* personnel shall ensure compliance with National Ports Act and Port Rules.
- Adhere to the stipulated speed limits. The speed limit is strictly 30 km/h when driving inside the Port and reduced to 20 km/h in some specific operational areas.

1.2. Existing buildings, structures, and plant & machinery on the Site

The port metering equipment are installed in the following sites:

- Sand Bypass
- Stanger Street Substation
- Ocean Terminal Building
- Ocean Terminal Building Substation
- Durban Harbour Intake Substation
- Floating Dock Substation
- Graving Dock Substation
- Allan Dalton Substation
- Pump House
- Short Blast Substation
- Power Supplies and Services
- CFI Substation
- Pier 2 Substation

- Mini Substation and more

1.3. Hidden services

Most of the work required (refer to Part C3) in this Contract is mostly done remotely via Visual Private Network (VPN) and it's only in cases when the *Contractor* has been requested by the *Service Manager* or his duly authorised Transnet National Port Authority representative to come on site.