

Document Title:

SCOPE OF WORK

Scope of work title:

Provision of IOT services at PECT at Transnet Soc Limited (Reg. no. 1990/000900/30) Operating as Transnet Port Terminals (hereinafter referred to as "TPT") at the Port of Port Elizabeth Container Terminal for a once off service.

Provision of IOT services at Port
Elizabeth Container Terminal.



DOCUMENT PREPARATION

	Name	Title	Signature	Date
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1. PECT BACKGROUND

Port Elizabeth Container Terminal (PECT) operates in loading and offloading containers and manganese skip operations via STS cranes, revolvers spreaders, 20 /40ft spreaders and straddle carriers. The terminal has three ship to shop cranes and the demand for these cranes is high due to high berth occupancy. The ship to shore crane is utilised on a weekly basis for container and skiptainer operations.

2. OBJECTIVE

The main objective of this SOW is the provision of IOT services.

3. SCOPE OF WORK

The scope of work below explains what needs to be done:

Wind Monitor App Subscription Renewal and support Provisioning (2 x STS, 10 x Straddle carriers, 3 windspeed stations)		
Platform Subscription	Liquid IoT Platform Subscription up to 20 Devices (Dedicated VPS Server)	16 units for 2 years
STS Liebherr	Annual Subscription per asset including remote VPN connection & data cost	2 unit for 2 years
PECT windspeed	Annual Subscription per asset including remote VPN connection & data cost	4 units for 2years

Note:

- Contractor to have previous experience in IOT platforms and systems.

4. Returnable documents

- Contractor to submit Liquid IOT platform agent and insights support agent confirmation.
- Confirmation of support for the current Liquid IOT platform application for the period of 2 years.
- Contractor to submit previous experience in IOT platforms and systems integration.

5. TPT REQUIREMENTS

- Gate access for the supplier.
- Access to ablution facilities.