



**TPT CPT ICT – PORT OF CAPE TOWN**

Document Title:

**SCOPE OF WORK**

Project Title:

**Psion Teklogix/Zebra Endpoint (VMT/HHT) and  
Infrastructure equipment Maintenance**

**REVISION 00: FOR QUOTATION**

**DOCUMENT APPROVAL**



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## 1. PROJECT SCOPE

We require a seamless process for repairing and maintaining of our Psion Teklogix narrowband computer equipment in the Cape Town Terminals. This equipment includes both hardware including: antennae, base stations, controllers, HHT's, VMT's and batteries and battery chargers and software that is in use on all the devices.

## 2. BACKGROUND

The current process of sending equipment for repair and having it returned to Cape Town is tedious and has indirect financial implications. At a minimum we have 5-6 devices that need to go in for repairs a month and waiting for the repair quotes with correct pricing take weeks. This adds to the strain because by the time one batch is sorted there's an escalation in devices needing repairs. By implementing this request, the turnaround time will improve, and this would ensure an undisrupted operation and supply of this ecosystem to the business.

We have 8 x base stations, 6 x antennae stacks, in excess of 200 x HHT's and VMT's in use across the terminals.

## 3. LOCATION

The devices are used in two terminals in the greater port of Cape Town. Our base stations are dispersed over these 3 terminal areas. Faulty equipment is reported to the local IT department where the equipment is evaluated and deemed for repairs. Collection and delivery of faulty/repared devices will be from the IT department situated at Room 209 Cape Town Terminal Administration Building, 1 Container Road, Cape Town.

## 4. TECHNICAL SPECIFICATIONS

Base station versions - Type 9160

6 stack antennas

HHT versions – Psion Teklogix 7530 G2 HHT, Zebra Omnii XT15 HHT

VMT versions – Psion Teklogix 8525 G2 VMT, Zebra VH10 VMT

Primary and Secondary controllers across all terminals.

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## 5. SCOPE REQUIREMENTS

We require a maintenance contract for **1 year** that covers the following services:

- Full repair of any reported faulty device including parts and labour
- Collection of faulty equipment
- Repair of equipment – in and out of warranty
- Delivery of repaired equipment
- Loan units as and when required, to be retained on site in Cape Town
- Programming of scanners and base stations as per Transnet standards
- Testing of signal strength every 6 months
- Maintenance on Narrowband equipment – base stations and antennas every 6 months
- Firmware and OS updates and upgrades of devices and controllers
- Any controller upgrades/configurations/re-configurations

## 6. EVALUATION CRITERIA

Contract award evaluation criteria will be as per Annexure “B”

## 7. GENERAL

All Contractors are to at all times wear all the necessary PPE, (Personal Protective Equipment), and to work safety. Part of this PPE will include a Reflective Vest. The vest is equipped with an ID pocket on the front left breast.

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