

Transnet Port Terminals

Scope of Work

**DESCRIPTION: PURCHASE AND INSTALLATION OF TWO PA SYSTEM FOR
TRANSNET PORT TERMINALS, OPERATING DIVISION OF TRANSNET SOC Ltd
(Reg. 1990/000900/30) DURBAN MPT, CAR TRMINAL, MAYDORN WHARF, AGRI-
PORT**



	Name	Designation	Signature	Date
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1. INTRODUCTION

Transnet Port Terminal is an operating division of Transnet SOC Limited. It offers terminal cargo handling service in sea freight transport of imports, exports and transshipment of commodities in the three key sectors of the South African commodity market i.e. Containers, Mineral bulk Agricultural bulk and RORO. The division operates in seven South African commercial ports; that is, Richards Bay, Durban, East London, Port Elizabeth, Ngqura, Cape town and Saldahna. Transnet Port Terminal has reviewed its strategy to include a Global Strategy; the objectives of the strategy are to expand its footprint and service offering into Africa.

Transnet Port Terminals wishes to purchase, install PA Systems for BBC Terminals. The proposed solution need is to improve communication within the terminals, Management conduct roadshows with the employees for engagement purposes, the solution will be a great benefits to employees as it will ensure effective communication.

2. SCOPE OF WORKS

- The new proposed solution must be wall mounted.
- 15 U racks must be installed to house a mixer, mics and Amp for security purposes.
- Mics must be able to connect wirelessly, mixer must be 6 channels, Amp and the receiver must be able to cover 50 meters.
- Party Box Encore 2 Portable Bluetooth Party Speaker With 2 Mic – Black, Transnet port terminals management conducts roadshows with the employees for engagement purposes, the new solution will be great benefits to the employees as it will ensure effective communication,
- Connection supported, HDMI and Bluetooth

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SPECIFICATIONS

Item	Quantity	Specifications
Speaker	2	12-inch 2000W peak (1300 LF + 700 HF), 1000W continuous RMS (650 LF + 350 HF) - Bluetooth audio streaming direct from device - Onboard DSP with four speakers use modes (including custom EQ via App) - True Wireless Stereo (TWS) speaker linking via Bluetooth - XLR Mix output, speaker use, and sub size controls 8" woofer with 2.0" high-temperature voice coil 1" exit ceramic driver with 1.4" coil - Versatile design: Wall-mounted, wedge monitor, or flown application with integral M6 suspension points
Speaker	7	1 x Party Box Encore 2 Portable Bluetooth Party Speaker With 2 Mic - Black 2 x Wireless Microphone - Battery Type: JBL Battery 200, Li-ion battery (7.4V/4722mAh) - Pro Sound gets an AI Sound Boost 15 Hours of play time - Bluetooth, USB - Gross weight: 9.15 kg / 20.61 lbs 1 x Mic Holder 1 x AC Power Cord
Rack		15U Cabinet/Server Rack - locking convex door and one locking vented door - Both doors are equipped with locks
Podium	2	Acrylic Podium - Height: 1200mm - Material: 3mm and 5mm - Top Measurements: 550mm x 400mm

MIC	4	The C111LP is a stainless steel & lightweight ear hook microphone. • 1 x AA size battery • Frequency response 60 – 15000 Hz • Polar Pattern: Omnidirectional • Sensitivity at 1 KHz -64 +/- 3dB • Impedance 1800 Ohms • Connector 3 pin mini XLR • Lane Pro LR604B Wireless Microphone
Mixer	1	6 Channel Analogue Mixer w/ MP3 USB, Bluetooth & FX • Max. 4 Mic / 10 Line Inputs (4 Mono + 3 Stereo) • 1 Stereo Bus • 1 Aux (Incl. Fx) • "D-Pre" Mic Preamps With An Inverted Darlington Circuit • 1-Knob Compressors • Pad Switch On Mono Inputs • +48v Phantom Power • Xlr Balanced Outputs • Metal Chassis • Dimensions(W×H×D): 244 Mm X 71 Mm X 294 Mm (9.6"X 2.8"X 11.6") • Net Weight: 1.9 Kg (4.19 Lbs.)

3 **SITE MEETING IS REQUIRED**

- 3.1 Meeting will be at Isivivane House, Croft Road, Maydon Wharf, Durban ,4001
- 3.2 All bidders must attend a compulsory meeting session and bidder who did not attend will be disqualified.

4 **SAFETY**

- 4.1 All personnel reporting to the terminal must come in full personal protective equipment gear (safety vest, hard hat and safety shoes).
- 4.2 Vehicles used to be fitted with rotating flashing light and proper company signage when accessing the terminal.
- 4.3 Only certified or competent technical personnel are required to operate electrical machinery.

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- 4.4 All TPT owned equipment, or property needs to be signed off by TPT representatives before exiting the terminal.
- 4.5 Terminal provides mess and ablution facilities and must always be kept clean.
- 4.6 No discipline irregularities will be condoned. Offenders will be requested to leave the terminal immediately pending a full investigation.
- 4.7 Notification of arrival will be mandatory.

5 OPERATING HOURS

The Durban BBC Terminals operate 24 hours a day. The ICT team mainly works a day shift (08h00 – 16h00) and all work should be done during this period.

6 ACCESS PERMIT

Site meeting: All suppliers are required to bring with them the following to apply for the required permit.

- Permits must be done prior to the site briefing. This is done by sending an email to TPT permit office (tptdrtsecuritysupervisors@transnet.net) stating the reason for entry, full name and ID number for personal entering the port. Once at the terminal you will need to collect a physical permit note from the permit office. This note will allow you to enter the terminal.
- Hardcopy of RFQ
- Proof of identification for all service providers attending.
- Letter from the relevant company stating the names and surnames of the service provider requesting access and reason for access.
- Minimum PPE, safety vest, hard hat and safety shoes. Failing to come with the correct PPE will not be allowed into the terminal for the site briefing.
- Suppliers are advised to bring any/all required measuring tools for proper costing

7 CONDUCTING THE WORK

In order to acquire access permits for conducting work, external contractors will need to attend safety induction (valid for a year) and obtain an approved safety file before any work can commence. There after the appointed bidder will need to request a work permit to our Security department to gain access into the terminal. For vehicles access, all vehicles are required to have a company sign and are evolving light and access will be obtained at the security office.

8 SITE FACILITIES

No provision has been made for the site facilities. Security of the service providers tools, material and machinery remains a responsibility of the service provider to provide their equipment wherever necessary and /or required for the completion of the work.

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