



## TRANSNET PORT TERMINALS

**SUPPLY AND DELIVERE(TWO) 2x PROJECTORS FOR RCB ICT, RCB TERMINAL**

**REVISION 01:**

**Scope of Work**

## 1 INTRODUCTION

Transnet Port Terminals (TPT) operating division of Transnet SOC Ltd invites suitable service providers to Supply and Deliver **TWO (2) projectors** for Information Technology Department at Port of Richards Bay Terminals.

## 2 OBJECTIVES

- To procure two (2) Projectors that meet the technical specifications
- Ensure availability of ICT multimedia projectors for internal and external engagements.
- Provide backup (spare) equipment to minimize downtime and support continuity of operations.
- Standardize projector technology to align with current ICT audio-visual (AV) standards.
- Improve user experience and presentation quality during management and training sessions.

## 3 SCOPE OF WORK

The scope of this project covers the supply, delivery, and commissioning of two (2) portable ICT projectors with the following tasks and deliverables:

### 3.1 Supply and Delivery

- Supply two (2) brand-new portable projectors meeting the technical specifications (listed below).
- Deliver the equipment to the ICT Department at [insert location, Richards Bay Terminal].
- Include all necessary accessories (cables, remote controls, carry bags, and power cords).

### 3.2 Testing

- Test and verify the functionality of each projector upon delivery.
- Configure the projectors for immediate plug-and-play operation with laptops, HDMI and other AV equipment.
- Ensure compatibility with Terminal Windows 11.

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### 3.3 Documentation and Training

- Provide product manuals, warranty documentation, and serial number details.
- Conduct a short user demonstration for ICT Technicians on operation and basic troubleshooting.

### 3.4 Warranty and Support

- All supplied projectors must carry a minimum of 3 years manufacturer warranty.
- Supplier to provide after-sales support and service contact details.

## 4 TECHNICAL SPECIFICATION

Category	Specification
<b>Projection Technology</b>	3LCD Laser
<b>Brightness</b>	6,200 ANSI Lumens
<b>Resolution</b>	WUXGA (1920 × 1200)
<b>Contrast Ratio</b>	3,000,000 : 1 (dynamic)
<b>Light Source Life</b>	Up to 20,000 hours, maintenance-free
<b>Lens / Throw Ratio</b>	1.23 – 2.00 : 1, manual zoom/focus
<b>Lens Shift</b>	Vertical: +60%, Horizontal: ±29%
<b>Keystone Correction</b>	±30° Horizontal / Vertical
<b>Screen Size</b>	30 – 300 in (diagonal)
<b>Inputs</b>	2 × HDMI, HDBaseT, RGB (VGA), LAN, USB
<b>Audio</b>	20 W built-in speaker
<b>Noise Level</b>	27 dB (Normal) / 22 dB (Eco)
<b>Dimensions (W × H × D)</b>	480 × 122 × 407 mm
<b>Weight</b>	~9.7 kg
<b>Power Consumption</b>	318 W (Normal) / 237 W (Eco)
<b>Supported Signals</b>	Up to 4K UHD input (scaled to WUXGA)
<b>Operating Environment</b>	5 °C – 40 °C, 20% – 80% humidity
<b>Mounting Flexibility</b>	360° installation, portrait capable
<b>Warranty</b>	24 Months
<b>Special Features</b>	Filter-free sealed design, silent mode, constant brightness, eco mode

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## 5 DELIVERY SITES AND TIMES:

- Deliver the projector to the designated site (Richards Bay Terminal or specified delivery point).
- Ensure delivery includes all necessary accessories (power cables, connection cables, user manuals).
- Provide a delivery note confirming receipt of the correct model and quantity.

## 6 EXCLUSIONS

This SOW does not include:

- Permanent installation in boardrooms or training rooms.
- Structural modifications or mounting equipment.
- Long-term maintenance beyond the warranty period.

### COMPILED/PROPOSED BY

  
Sicelo Mthethwa – IT Specialist

Date: 06/10/2025

### APPROVED / NOT APPROVED BY

  
Nkosinathi Ngubane – IT Manager

Date: 06/10/2025

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