

MEMORANDUM

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To : Mr. Zamo Ngcobo, Acting Terminal Manager: Pier 2
From : Siyabonga Msomi, IT Manager: BBC Terminal
Date : 23/07/2025
Subject : REQUEST FOR APPROVAL TO PURCHASE HANDHELD *RADIOS*

PURPOSE:

1. The purpose of this memorandum is to request approval from Terminal Manager for the approval to purchase handheld Pier 2 Terminal.

BACKGROUND:

2. Transnet Port Terminal uses handheld radio for communication within the terminal for communication purposes.
3. A two-way radio is a radio transceiver (a radio that can both transmit and receive radio waves), which is used for bidirectional person-to-person voice communication with other users with similar radios. Mobile radios are installed on port equipment and also installed on office desks.

DISCUSSION:

4. Radios use signals within a certain frequency range. As a result, the specification for radios belongs to Transnet Freight Rail (TFR) to avoid frequency interference on radios between Tugboats, Rail and Cargo Handling Equipment.
5. Mobile cell phone are prohibited within an operational area, RS drivers must always provide communication utilizing the two-way radio to share information, Radios provide an instantaneous communication unlike a mobile phone, enhanced communication clarity this means these radios are created with a technology that minim interference, the radio waves are transferred through the air and are highly adaptable, as they can be directed through reflection and retraction, highly durable can be used or exposed to extreme temperatures, dust and drops from great heights, Cost effective and wide spread communication, teams are always connected and share information
6. The strategic objective of this project, to improve safety and enhance operational Efficiencies through the provision of effective communication tools throughout the ports The

terminals' decision to replace existing two-way radios and other related communication devices stemmed from technological obsolescence where the majority of existing radios had reached its useful life. This resulted in a lack of spares availability from the market for repairs. Furthermore, the terminal experienced compatibility issues and difficulties in obtaining support for these communication devices. Lastly, an increased demand necessitated for additional radios to be procured to accommodate a growing team size due to the fourth shift introduced in the terminals.

7. Allocation;

Department	Quantity
Fleet	30
Cranes	30
Water Side	20
Land side	20
Other	50

FINANCIAL IMPLICATIONS:

8. It is anticipated that the cost for purchasing radio's will be [REDACTED]

BUDGET IMPLICATIONS:

9. There is budget available, under DCT Pier 2 DCT Minor works