

RAIL NETWORK TELECOMS

SCHEDULE OF REQUIREMENTS FOR THE SUPPLY OF HANDHELD TRUNKED AND CONVENTIONAL RADIOS FOR TPT PIER 1

APPENDIX A: SCHEDULE OF COMPLIANCE FOR THE ABOVE:

- Tenders are invited in respect of the following Schedule of Requirements.
- Tenderers must indicate compliance with each item and indicate make and model being offered.
- Alternate offers must be **indicated on separate documents**.

ITEM	DESCRIPTION	COMPLY YES/ NO	MAKE & MODEL	COMMENT
1	HANDHELD REQUIREMENTS			
1.1	UHF, (400 – 470 MHz band) IP54, Handheld Trunked and Conventional radio, with a minimum of 32 conventional 12.5 kHz channels. (Can specify alternative number of channels). Note: Only radios that have been approved as per document BBD8208 V5.3.6 dated 29 July 2022 will be considered. Must comply with attached Specifications BBD 8635 version 8.1 dated 27 June 2014 and BBF 2516 version 4.00, dated 25 May 2015.			
1.2	Quarter wave flexible whip antenna for item 1.1, to cover the 455 to 467 MHz band.			
1.3	High capacity Battery to fit item 1.1, capable of sustaining a 20 - 20 - 60 duty cycle for an 8 hour shift. (Tx, Rx, Standby).			
1.4	Single bay rapid rate Charger for item 1.1 Provision must be made for a standard 3 pin 15 amp mains plug.			
1.5	Programming software, Leads & Adaptors, technical manuals.			
1.6	Leather carry bag for item 1 with shoulder strap.			

APPENDIX B & C: BILL OF QUANTITIES AND COST SCHEDULE

Indicate the cost per unit for the quantities indicated in the respective columns

ITEM	DESCRIPTION	QTY	UNIT PRICE	TOTAL
2	HANDHELD REQUIREMENTS			
2.1	<p>UHF, (400 – 470 MHz band) IP54, Handheld Trunked and Conventional radio, with a minimum of 32 conventional 12.5 kHz channels. (Can specify alternative number of channels).</p> <p>Note: Only radios that have been approved as per document BBD8208 V5.3.6 dated 29 July 2022 will be considered.</p> <p>Must comply with attached Specifications BBD 8635 version 8.1 dated 27 June 2014 and BBF 2516 version 4.00, dated 25 May 2015.</p>	40		
2.2	Quarter wave flexible whip antenna for item 2.1, to cover the 455 to 467 MHz band.	40		
2.3	High-capacity Battery to fit item 2.1, capable of sustaining a 20 - 20 - 60 duty cycle for an 8 hour shift. (Tx, Rx, Standby).	80		
2.4	Single bay rapid rate Charger for item 2.1 Provision must be made for a standard 3 pin 15 amp mains plug.	40		
2.5	Programming software, Leads & Adaptors, technical manuals.	1		
2.6	Leather carry bag for item 1 with shoulder strap.	40		

APPENDIX D: DELIVERY PERIOD

Indicate the delivery period, in weeks, for the quantities as indicated in the bill of quantities above:

Σ	DESCRIPTION	QTY	DELIVERY DATE	COMMENT
3	HANDHELD REQUIREMENTS			
3.1	<p>UHF, (400 – 470 MHz band) IP54, Handheld Trunked and Conventional radio, with a minimum of 32 conventional 12.5 kHz channels. (Can specify alternative number of channels).</p> <p>Note: Only radios that have been approved as per document BBD8208 V5.3.6 dated 29 July 2022 will be considered.</p> <p>Must comply with attached Specifications BBD 8635 version 8.1 dated 27 June 2014 and BBF 2516 version 4.00, dated 25 May 2015.</p>	40		
3.2	Quarter wave flexible whip antenna for item 3.1, to cover the 455 to 467 MHz band.	40		
3.3	High-capacity Battery to fit item 3.1, capable of sustaining a 20 - 20 - 60 duty cycle for an 8 hour shift. (Tx, Rx, Standby).	80		
3.4	Single bay rapid rate Charger for item 3.1 Provision must be made for a standard 3 pin 15 amp mains plug.	40		
3.5	Programming software, Leads & Adaptors, technical manuals.	1		
3.6	Leather carry bag for item 1 with shoulder strap.	40		

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APPENDIX E: DELIVERY SCHEDULE

Note: Batch testing to be done prior to delivery.

10% or (< 10 units all) of equipment required to be batch tested at the TFR test centre at 2 Foley St, Factoria, Krugersdorp.

It will be the responsibility of the supplier to arrange delivery (at their cost) to and from the Test Centre for batch testing or compliance testing if the radio has not been evaluated before.

The supplied equipment must be delivered to the following location.

CONTACT (Khunjulwa Mniniyo) TEL 011 774 8227 CELL: 083 469 7332

**TRANSNET FREIGHT RAIL
TFR BUILDING
2 FOLEY STREET FACTORIA
KRUGERSDORP
1739**

Box to be labelled – 25 X HANDHELD RADIOS FOR TPT PIER 1 DURBAN **CONTACT**
(Nosibusiso Cele TEL 031 361 8996 CELL: 066 080 8916)

After The batch test the radio should be delivered to the local Telecoms depot as per the address below:

TRANSNET TFR RADIO
Clark Drive.
Eel Road
Bayhead
Durban

Workshop Representative
Luvuyo Jonkile
Office: 031 361 4944 Cell:
060 575 4957
Email: Luvuyo.Jonkile@transnet.net

TECHNICAL QUERIES
Anele Mlambo
Office: 035 906 7801 Cell:
071 736 5534
Email: Anele.Mlambo@transnet.net