

RAIL NETWORK TELECOMS

SCHEDULE OF REQUIREMENTS FOR THE SUPPLY OF MOBILE TRUNKED AND CONVENTIONAL RADIOS FOR TRANSNET PORT TERMINALS EQUIPMENTS (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
1	MOBILE REQUIREMENTS			
1.1	UHF, (400 – 470 MHz band) IP54(or better), Mobile Trunked and Conventional radio, with a minimum of 99 conventional 12.5 kHz channels. (Can specify alternative number of channels). Must comply with attached Specifications BBD 8635 ver 8 dated 21 May 2014 and BBG 5461 ver 1.00, dated 22 July 2015			
1.2	Trunked Mobile must have a User Selectable inclusive and exclusive Group call facility catering for 100 Groups			
1.3	Standard Handset			
1.4	24-12 volts DC to Dc Converter. (Specify and supply specification)			
1.5	Radio DC plug and power Cable			
1.6	Magnetic mount Vehicle Antenna Unit gain ¼ wave. (Specify and supply specification)			
1.7	RF Cable RG 58 - 4 Meters.			
1.8	RF Connectors including boots for radio type.			
1.9	Power Cable - 5 Meters, per installation			
1.10	Programming software, Testing Leads, Adaptors and technical manuals on CD			

ANNEXURE 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	MOBILE RADIO REQUIREMENTS			
2.1	UHF, (400 – 470 MHz band) IP67(or better), Mobile Trunked and Conventional radio, with a minimum of 99 conventional 12.5 kHz channels. (Can specify alternative number of channels). Must comply with attached Specifications BBD 8635 ver 8.1 dated 27 June 2014 and BBG 5461 ver 1.00, dated 22 July 2015	20		
2.2	Trunked Mobile must have a User Selectable inclusive and exclusive Group call facility catering for 100 Groups	20		
2.3	Standard Handset	20		
2.4	24-12 volts DC to Dc Converter. (Specify and supply specification)	20		
2.5	Radio DC plug and power Cable	20		
2.6	Vehicle Antenna Unit gain ¼ wave. (Specify and supply specification)	20		
2.7	RF Cable RG 58 - 4 Meters.	20		
2.8	RF Connectors including boots for radio type.	20		
2.9	Power Cable - 5 Meters, per installation	20		
2.10	Programming software, Testing Leads, Adaptors, and technical manuals on CD	1		

ANNEXURE D: DELIVERY PERIOD

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

ITEM	DESCRIPTION	QTY	DELIVERY DATE	DELIVERY DATE
3	MOBILE RADIO			
3.1	UHF, (400 – 470 MHz band) IP67(or better), Mobile Trunked and Conventional radio, with a minimum of 99 conventional 12.5 kHz channels. (Can specify alternative number of channels). Must comply with attached Specifications BBD 8635 ver 8 dated 21 May 2014 and BBG 5461 ver 1.00, dated 22 July 2015.	20		
3.2.	Trunked Mobile must have a User Selectable inclusive and exclusive Group call facility catering for 100 Groups	20		
3.3	Standard Handset	20		
3.4	24-12 volts DC to Dc Converter. (Specify and supply specification)	20		
3.5	Radio DC plug and power Cable	20		
3.6	Vehicle Antenna Unit gain ¼ wave. (Specify and supply specification)	20		
3.7	RF Cable RG 58 - 4 Meters.	20		
3.8	RF Connectors including boots for radio type.	20		
3.9	Power Cable - 5 Meters, per installation	20		
3.10	Programming software, Testing Leads, Adaptors and technical manuals on CD	1		

ANNEXURE 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, Fectoria, 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 – MOBILE RADIOS FOR TPT PIER 1 HAULERS 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**