



Transnet SOC Limited
T/A Transnet Capital Projects

REQUEST FOR QUOTATION

TFR RME RFQ BOARD
TRANSNET FREIGHT RAIL RME
XXXXXXXX
XXXXXXXX

Registration Number: 1990/000900/06
Vat Number : 4720103177

Attention:
TFR RFQ BOARD
Telephone Number :
Fax Number :
Vendor Number :500000

Quotation Deadline Date : 17.07.2013
Quotation Deadline Time : 16H00

REQUEST for QUOTATION
Transnet Capital Projects
RFQ Number / Date
6000166275 / 09.07.2013
Contact Person / Telephone
Anne Mongie / 031 361 1759
Return to FAX Number/EMAIL
0318 0000 / TCPtendersDurban@Transnet.net

"PREVIEW COPY ONLY"

Item	Material	Description	RFQ Qty	UoM	Required Del date	Confirm Del date	Unit Price Excl	Total Price Excl
00010		MOTOROLA CP160 UHF OR K	18		22.07.2013			

MOTOROLA CP160 UHF OR KENWOOD
TK-3307 PORTABLE RADIOS COMPLETE
WITH TWO BATTERIES, ANTENNAS, BELT CLIPS
ONE CHARGER FOR COMPLETE UNIT,
ONE CHARGER FOR BATTERY ONLY
AND PROGRAMMING AS PER
TRANSNET SPECIFICATION
(BBD8208)

FOR MORE INFORMATION
PLEASE CONTACT DEES
(0832789364)

DELIVERY : 130 EEL RD BAYHEAD

ALL PROCUREMENT RELATED QUERIES TO BE DIRECTED TO :
ANNE MONGIE ON 031 361 1759



Transnet SOC Limited
 T/A Transnet Capital Projects
 TFR RME RFQ BOARD
 TRANSNET FREIGHT RAIL RME
 XXXXXXXX
 xxxxxxxx
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REQUEST for QUOTATION
 Transnet Capital Projects
RFQ Number / Date
 6000166275 / 07.07.2013
Contact Person / Telephone
 Anne Mongie / 031 361 1759
Return to FAX Number/EMAIL
 031810000 / TCPtendersDurban@Transnet.net

Item	Material	Description	RFQ Qty	UoM	Required Del date	Confirm Del date	Unit Price Excl	Total Price Excl
------	----------	-------------	---------	-----	-------------------	------------------	-----------------	------------------

E-MAIL : anne.mongie@transnet.net

CLOSING TIME FOR THE SUBMISSION OF QUOTES :
 17 JULY 2013 AT 16H00.
 QUOTES SHOULD BE SENT TO TCPtendersDurban@transnet.net

PLEASE ATTACH COPIES OF BBBEE AND TAX CLEARANCE CERTIFICATES TO QUOTES.

"PREVIEW COPY"



Transnet SOC Limited
 T/A Transnet Capital Projects
 TFR RME RFQ BOARD
 TRANSNET FREIGHT RAIL RME
 XXXXXXXX
 xxxxxxxx
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 031810000 / TCPtendersDurban@Transnet.net

Delivery Address

This RFQ is subject to the following conditions:

1. Price/s : The price/s quoted in SA currency and is excluding of V.A.T
 2. Delivery : The price/s quoted should include delivery cost to the delivery address stated on the RFQ
 3. Returnables : A valid tax clearance certificate and BBBEE certificate from a SAHLS accredited verification agency attached to quotation for all quotes above R30 000.
Please note that only the official Transnet RFQ will be accepted and all other correspondence to be attached to the original
 4. Safety : To confirm to Transnet Capital Projects Health & Safety plan and specification; HAS-std-0001, copy available on request.
 5. Confirmation: To confirm your participation in this tender process please sign and return this document as immediate effect prior to the quotation deadline.
 6. Negotiations: The Employer may elect to negotiate the final terms of the contract/order with the preferred tenderer in accordance with Clauses F.2.17 and F.3.13 of the CIDB Standard Conditions of Tender. A copy of which is available upon request.
-

 Signature

 Date

10328456



TRANSNET
freight rail

**INFRASTRUCTURE
TELECOMS
REGISTER**

EVALUATED RADIO EQUIPMENT
National Test Centre

"PREVIEW COPY ONLY"

Compiled:	Manager Quality Assurance National Test Centre	T.J. Du Plessis	Signed: P J du Plessis
Authorised:	Manager Quality Support	T. Dean	Signed: T Dean
			Date: 6 October 2010

Circulation Restricted To: Transnet Freight Rail
Transnet and Relevant Third Parties

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I Distribution

Once updated, a copy of the latest revision will be published in the document management system in use. An e-mail to this effect will be sent to the relevant personnel or heads of department.

II Document Version Control

VERSION NO.	DATE ISSUED	ISSUED BY	HISTORY DESCRIPTION
1	5 August 2010	Infrastructure Telecoms	First document
2	6 October 2010	Infrastructure Telecoms	Update list of evaluated radio equipment

III List of Abbreviations and Definitions

ABBREVIATIONS	DESCRIPTION
ICASA	Independent Communications Authority of South Africa
Rx	Radio receiver
TFR	Transnet Freight Rail
Tx	Radio transmitter

DEFINITIONS	DESCRIPTION
VERSION	A particular form of something which differs slightly from other forms of the same thing.
Base Radio Stations	A Radio station designed to be installed in a fixed location and performing the function of a repeater/enhancer.
Fixed Radio Station	It is a fixed radio station installed in an office or control room, fitted with an external antenna.
Handheld/Portable Radio	A Radio designed to be carried by or on a person
Mobile Radio	A radio designed for installation in a surface vehicle and capable of operating while the vehicle is in motion and while it is stationary.

1. SCOPE

- 1.1 This document list the radio equipment that complies with the Act No. 36 of 2005: Electronic Communications Act, 2005 as well as the Transnet Freight Rail technical standard SPC-01215.
- 1.2 This document is a reference guide for acquiring ICASA and TFR type approved radio equipment. Where the ICASA type approval certificate number does not appears in the list, that equipment does not require a type approval certificate.
- 1.3 Radio equipment that does not comply with the TFR standard is also listed to facilitate decision making and tender processes.

2. COMMENT

2. A supplier's radio not appearing on the list, but having ICASA type approval, must be submitted for TFR type approval as part of the tender process.

3. LIST OF EVALUATED RADIO EQUIPMENT

HANDHELD/PORTABLE RADIOS (General use)

MAKE	MODEL	RF APPROVED	TRUNKED APPROVED	TFR APPROVAL NUMBER	ICASA TYPE APPROVAL CERTIFICATE	COMMENTS
Entel	HX485	No	Not applicable	----	TA-2008/1302	Audio output & mic sensitivity too low. Tx over deviation. Report no. QA-NTC017/10
Icom	IC-F41GT	No	No	----	TA-2002/009	Rx & Tx audio frequency response and trunking failed. Rx audio too low. Report no. REP-00034/06.
Icom	IC-F44GS	Yes	Not applicable	Rep-00076/07	TA-2004/354	
Icom	IC-F44GT	Yes	Not applicable	Rep-00083/06	TA-2004/354	
Icom	IC-F44GT MTE	Yes	Yes	QA-NTC0014/10	TA-2004/354	
Kenwood	TK-370G	Yes	Not applicable	Ten Rad 011/04	SPLS/RX-259/2000	
Kenwood	TK-3160	Yes	Not applicable	QA-NTC001/05	TA-2003/301	
Kenwood	TK-3170	Yes	Not applicable	Rep-00087/07	TA-2005/550	
Kenwood	TK-3185	Yes – Conditions apply	Yes	QA-NTC008/10	TA-2004/763	The 1700 mAh battery does not last an 8 hour shift. A larger capacity battery must be acquired.
Kenwood	TK-3212	No	Not applicable	----	TA-2005/413	Adjacent channel selectivity & desensitization ratio, Rx audio frequency response & high RF signal selectivity, Tx conducted spurious emission, adjacent channel power not acceptable. Report no. REP-00074/07.
Kenwood	TK-3307	Yes	Not applicable	QA-NTC006/10	TA-2008/996	
Motorola	CP160 EP140	Yes	Not applicable	Rep-00077/07	TA-2003/449	

Motorola	GP-340	Yes	Not applicable	Tel.Rad 013/01	SPLS/RX-87/2000	
Motorola	GP-640	Yes	Yes	Tel.Rad 038/04	SPLS/RX-87/2000	
Tait	Orca 5000	Yes	Not applicable	Tel.Rad 016/01	SPLS/RX-309/99	
Tait	Orca 5018	No	Not applicable	----	SPLS/RX-309/99	Tx audio frequency response & conducted spurious emission not acceptable. Report no. REP-00075/07.
Tait	TP8140	No	No	----	TA-2007/1060	Tx mic sensitivity too low. Report no. QA-NTC018/10
Vertex Standard	VX-354	No	Not applicable	----	TA-2007/975	Adjacent channel selectivity & desensitization ratio, Tx over deviation, Tx audio frequency response not acceptable & mic sensitivity too low. Report no. QA-NTC011/10.
Vertex Standard	VX-427	No	Not applicable	----	TA-2005/043	Mic sensitivity too low. Report no. QA-NTC010/10

HANDHELD/PORTABLE RADIOS (Shunt use)

MAKE	MODEL	RF APPROVED	TRUNKED APPROVED	TFR APPROVAL NUMBER	ICASA TYPE APPROVAL CERTIFICATE	COMMENTS
Motorola	CP040	Yes	Not applicable	QA-NTC013/05	TA-2004/391	
Motorola	GP-680	Yes	Yes	Tel.Rad 037/04	SPLS/RX-87/2000	
Simoco	SRP9180	Yes	Yes	QA-NTC015/10	TA-2010/444	
Tait	Orca 5040	Yes	Yes	Tel.Rad 039/04	SPLS/RX-309/99	

MOBILE RADIOS

MAKE	MODEL	RF APPROVED	TRUNKED APPROVED	TFR APPROVAL NUMBER	ICASA TYPE APPROVAL CERTIFICATE	COMMENTS
Icom	IC-F610	No	No	----	TA-2004/358	Rx & Tx at high temperature & Trunking failed.

Kenwood	TK 8102	Yes - Condition apply	Not applicable	Rep-00089/07	TA-2003/311	Report no. REP-00032/06. Not for safe working operations. General use only.
Kenwood	TK 8180	Yes	Yes	QA-NTC022/05	TA-2004/765	
Motorola	GM 340	Yes	Not applicable	QA-NTC021/05	SPLS/RX-87/2002	
Tait	TM8115	No	Not applicable	----	TA-2004/285	Rx high RF selectivity not acceptable. Partially evaluated. Report no. QA-NTC014.
Tait	TM8255	Yes - Condition apply	Yes	Rep-00044/07	TA-2004/285	Squelch setting must be correctly set for safe working operations: Squelch Detect Type to be set to Noise Level.

BASE RADIO STATIONS

MAKE	MODEL	RF APPROVED	TRUNKED APPROVED	TFR APPROVAL NUMBER	ICASA TYPE APPROVAL CERTIFICATE	COMMENTS
Kenwood	TKR-850	No	No applicable	----	SPLS/RX-275/2001	Rx audio frequency response & compatibility with LBU not acceptable. Needs PA for trunking. Report no. REP-00079/07.
Spectra	MX 800 1 Watt	Yes - Condition apply	No applicable	Rep 00048/06	TA-2006/090	Acceptable as a link radio. When used as a repeater the talk- through audio circuit to be modified to improve frequency response.
Spectra	MX 800 50 Watt	Yes	Yes	Rep-00068/07	TA-2006/090	Engineering panel must be ordered separately.
Tait	TB-7100	No	Not applicable	----	TA-2005/572	Over deviation & conducted spurious emission not acceptable. Report no. REP-00046/06.
Tait	TB-8100 1 W	Yes - Condition apply	Not applicable	Rep-00088/07	TA-2003/198	Rx high RF selectivity problem - correct squelch settings required. Squelch Detect Type to be set to Noise Level.
Tait	TB-8100 50 W	Yes - Condition apply	Yes	Rep-00046/07	TA-2003/198	Rx high RF selectivity problem - correct squelch settings required. Squelch Detect Type to be set to Noise Level.