

TRANSCEIVER RF 10 – COMMERCIAL OFFER

A- COMMERCIAL PART

ISSUED TO: TO WHOM IT MY CONCERN

TENDER NO: -

SUPPLIER:

OUR REFERENCE NO:

SCOPE: Transceiver RF 10 with (or without) vehicle accessories, **completely overhauled and checked, including batteries.**
Used in Czech and Slovakia army, long term stored.
Compatible (communicate) with Russian transceivers like R 129, R 130 and others in short – wave range band.

OFFER PRICE: Depends on agreed conditions, qty, delivery and payment terms, etc.

PACKING: The goods will be airworthy or seaworthy packed by seller as applicable to the international standards suitable for contracted material.

PAYMENT CONDITIONS:

GUARANTEE: 12 months, spare parts delivery for 10 years period including repair works**

OFFER VALIDITY: Until March 31, 2011

OPTION: Transceiver can be delivered with vehicle accessories. In this case RF 10 can be used at wheeled cars, APCs and others military vehicles. The accessories content Central Control Box - A, Side Control Box – B, Converter 24V/12V DC Box - C, Filter Box - F, Car speakers, Handsets, Cables, Antennas (cables and antennas installation set depending on kind of vehicle).

ANNEX: No: 1 Itemized offer RF 10 and RF 10 Accessories set
No: 2 RF 10 - Technical Specification
No: 3 RF 10 Accessories – Technical Specification

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ANNEX No: 1

ITEMIZED OFFER RF 10 AND RF 10 ACCESSORIES SET

A) RF 10 SET

ITEM	DESCRIPTION	QUANTITY pc	UNIT PRICE**
1	Transceiver RF 10 set including Power unit with batteries (6V/5A, 5000mAh),	Max. 4000	
2*	Spare Power units with batteries (6V/5A, 5000mAh),	Max. 4000	
3*	Battery charger	Max. 250	
4*	Battery booster (each for 30 power units)	Max. 250	
5*	KZ 10 Tester	Max. 5	

*If required

** the price is valid for overhaul and guarantee package by authorized repair centre

*** the price is valid for goods without overhaul and technical guarantee without batteries

B) RF 10 ACCESSORIES SET FOR VEHICLES

ITEM	DESCRIPTION	QUANTITY pc	UNIT PRICE**
1	Set of Accessories including Central Control Box-A, Side Control Box – B, Converter 24V/12V DC Box - C, Filter Box - F, Car speakers, Handsets, Cables and Antennas	Max 150	
2	Installation to vehicle (per one vehicle)	depends on vehicle and customer requirements****	

****the price does not includes travelling and board of technicians.

RF 10 - TECHNICAL SPECIFICATION

A) RF 10 TRANSCEIVER

The RF 10 is a radio made by TESLA Czech. This radio has been designed to provide Command and communications at battalion and company level for dismounted troops. It is used in vehicles by mounted troops.



Specification:	Portable VHF FM radio
Frequency Range:	44,000 - 53,975 MHz
Frequency ratio:	25 kHz
Number of channels :	400
Operating mode:	One channel simplex FM telephony (F3)
Output power:	1W
Low frequency output:	0,1 - 30 mW
Receiver sensitivity:	0,5 μ V
Max. Frequency suction:	+8 kHz
Power (rechargeable):	5 x 1,2 V dry cells NICD 4000 mAh with total 6V
Operating time:	10 hours by sending/receiving 1:5
Temperature:	-35 °C to +60 °C
Weight of set:	3,1 kg
Total weight of sets in transport box:	8,1 kg
Transmitting range:	0,5 m antenna: 0,5 m - 1 km
Transmitting range:	1,5 m antenna - 5 km
Transmitting range:	3,34 m draw antenna - 10 km
Transmitting range:	30 m directive antenna - 20 km
Dimension of Radio:	295 x 47 x 191 mm
Dimension of case:	480 x 350 x 160 mm

COMPONENTS OF THE SET:

RF 10 Transceiver 1 pc with Handset 1 pc, 0,5 m antenna 1 pc, 1,5 m antenna 1 pc, 3,3 m draw antenna 1 pc, 30 m directive antenna 1 pc, 20 m rope 1 pc, Box with replacement parts 1 pc, Guide 1 pc

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1) POWER UNIT WITH BATTERIES



SET INCLUDE:

- 1 pc of battery box
- 1 x 5 pcs of rechargeable batteries 6V/5A, 5000 mAh

2) BATTERY CHARGER



Battery charger provide concurrently: 1 – 6 charging units.
Charging current: 6 x 450 mA

3) BATTERY BOOSTER



Battery units don't lose the capacity if insert into battery booster.
Booster capacity: 1 – 30 units
Operation: 24 hours

4) KZ 10 TESTER



KZ 10 Tester checks basic parameters of:
- receiver,
- transmitter,
- power unit.

RF 10 ACCESSORIES – TECHNICAL SPECIFICATION

B) RF 10 ACCESSORIES SET



The RF 10 accessories set is an installation set for Cars, Armored Personal Carriers, Tanks, BMP and other vehicles. The set can be used at Command and Control Points in buildings or tents.

B1) Central Control Box:

Specification:

Electric power supply and Control of Transceiver RF 10, in conduction with Side Control Box- B enable us to communicate at vehicle between crew – "Intercom"

Output power of Amplifier:

≥ 2 W

Output power on Handset:

≥ 100 mV

Power for RF 10:

6 – 7,8 V DC

Charging current for RF 10:

300 – 450 mA

Power take-off:

2,4 A (12 V DC)

Temperature:

-35 °C to +60 °C

Weight:

3,1 kg

Dimension:

221 x 79 x 193 mm

Dimension of case:

250 x 110 x 225 mm

B2) Side Control Box:

Specification:

Enable us to communicate at vehicle between crew – "Intercom"

Output power on Handset:

≥ 100 mV

Power take-off:

350 mA (12 V DC)

Temperature:

-35 °C to +60 °C

Weight:

0,95 kg

Dimension:

47 x 132 x 162 mm

Dimension of case:

100x 180 x 190 mm

B3) Converter 24V/12V DC:

Specification:

Convert power supply from 24 V DC car network to Central Control Box and to RF 10 Transceiver

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Power:	20 – 30 V DC
Power for Box - A:	10 – 15 V DC
Power take-off:	200mA (24 V DC)
Temperature:	-35 °C to +60 °C
Weight:	2,7 kg
Dimension:	79 x 193 x 221 mm
Dimension of case:	100 x 225 x 250 mm

B4) Filter Box - F:
 Specification: Reduce influence of unwanted voltage and power from car board network.

Power:	10 - 30 V DC
Temperature:	-35 °C to +60 °C
Weight:	2,3 kg
Dimension:	83 x 91 x 196 mm
Dimension of case:	118 x 125 x 231;mm

