

# **PART E**

# **SPECIFICATIONS**

## **PART E - SPECIFICATIONS**

### **GENERAL**

#### **E1. GENERAL**

E1.1 These Specifications shall apply to the Work.

#### **E2. GOODS**

E2.1 The Contractor shall supply Mobile radios, antennas, and status terminals in accordance with the requirements hereinafter specified.

E2.2 Item No. 1 – Mobile radio shall be TAIT model T2040-523-P00. These are mobile radios designed to operate in the 400-430 MHz UHF band and include the MPT1327 signalling option. The radios shall be provided with version 5.94 or newer software.

E2.3 Item No. 2 – Data interface board shall be TAIT model 220-01344-13. This interface board allows the item no 1. to be connected to a data terminal.

E2.4 Item No. 3 – status terminal shall be CES model TRK240/GPS. These data terminals have an integrated GPS receiver and shall be provided with software version 6.73 or newer.

E2.5 Item No. 4 – Radio Interface cable shall be CES model 240/15-00-0. These cables are 15 feet in length, with DB25 male connectors on one end and flying leads on the other. These cables will be used to interface item No. 1 and item No. 3.

E2.6 Item No. 5 – Junction box shall be a moulded plastic or metal box, This Box is used to interface Item No. 3 to remote sensors. Internally it consists of two 12 position x 2 terminal strips. A 15 foot length of 25 conductor cable terminated by a DB-25 male connector is used to interface with the CES TRK240/GPS auxiliary input connector. 24 of the 25 conductors of the cable are connected to the terminal strips.

E2.7 Item No. 6 – Faceplate shall be CES model 240/09. These are customized faceplates for Item No. 3. They consist of black, red and white lettering on a grey background. Eaxact lettering to be specified by the Winnipeg Fire Paramedic Service prior to order.

E2.8 Item No. 7 – GPS antenna shall be Radiall/Larsen model GPSNMO09. These are white, active GPS antennas complete with NMO mounts and 17 feet of dual shield cable terminated with an SMA male plug.

#### **E3. DELIVERY**

E3.1 Goods shall be delivered within thirty (30) Calendar Days of the award of Contract, f.o.b. City of Winnipeg Communications Systems Branch 421 Osborne Street Winnipeg MB, R3L 2A2, freight prepaid.

E3.2 Goods shall be delivered between 8:30 a.m. and 4:30 p.m. on Business Days.