

# **PART E**

# **SPECIFICATIONS**

## **PART E - SPECIFICATIONS**

### **GENERAL**

#### **E1. GENERAL**

- E1.1 These Specifications shall apply to the Work.
- E1.2 The following Drawings are applicable 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.