



635-2014 ADDENDUM 7

REQUEST FOR PROPOSALS FOR THE PURCHASE OF A P25 RADIO SYSTEM AND SERVICES

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE REQUEST FOR PROPOSAL

ISSUED: January 6, 2015
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE REQUEST FOR PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: Ar20131129

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Request for Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 9 of Form A: Proposal may render your Proposal non-responsive.

PART E – SPECIFICATIONS

- Revise: E15.9(c) to read: The portable radio should survive NIST thermal class III testing when protected by a turnout coat.
- Revise: E15.9(d) to read: The portable radio should survive NIST thermal class I testing when unprotected by a turnout coat.
- Revise: E15.10.1(b) to read: The portable radio should survive NIST thermal class III testing when protected by a turnout coat.
- Revise: E15.10.1(c) to read: The portable radio should survive NIST thermal class I testing when unprotected by a turnout coat.

QUESTIONS AND ANSWERS

Q1 Would the City of Winnipeg please elaborate on the Capacity requirement noted in Addendum #1, Q3 – please confirm a 2% GOS is required. Does the City require a total of 1500 TDMA subscribers for the capacity calculation, or 1500 FDMA + 1500 TDMA = 3000 subscribers total, or some other model? Of these subscribers, how many are active per shift? Additionally, if the City could please define other key criteria such as the total number of Talk Groups, the number of subscribers per Talk Group, and the Call Arrival Rate & Call Duration that should be used in our capacity modeling for each Talkgroup?

A1 The Addendum #1, A3 specified a grade of service of <0.02% not 2%. Based on current usage patterns we are experiencing an average Traffic load of 2.0 Erlangs during busy hours. This is based on 9 voice circuits available using the current FDMA solution. The number of talkgroups used is 128 but greater than 95 % of all traffic originates from 12 primary talkgroups. During a typical busy hour, we experience an average call volume of 1310 transmissions with an average call duration of 5.5 seconds. Statistics on the distribution of radios per talkgroup are not available.

The 1500 public service radios currently operating on a different network have the following usage characteristics. A busy hour load of 1.62 Erlangs based on 9 voice circuits. Typical busy hour usage is 236 calls and average duration of 27 seconds. A total of 60 talkgroups are available but 95% of all calls occur on 12 talkgroups.