



635-2014 ADDENDUM 3

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: November 24, 2014
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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 B – BIDDING PROCEDURES

Add: B13.23.1

B13.23.1 Bidder should indicate what percentage of the City of Winnipeg, as defined by the map in Appendix C, is predicted to have a 95% probability of reliable coverage at DAQ 3.4 for a portable radio worn on the hip 1 m above ground level where the signal is attenuated 12 dB by building losses.

Add: B13.23.2

B13.23.2 Bidder should provide detailed RF propagation coverage prediction analysis for both talk-out and talk-back for portables indoor coverage. Indoor coverage shall assume 12 dB attenuation to account for heavy residential, light industry building construction. Bidder should provide a statement of talk-out to talk-back system balance. Areas that may experience degraded audio quality or performance due to simulcast interference must be accounted for in the maps. Bidder should provide all parameters and assumptions used to generate the coverage maps.

Revise: B13.39 to read

B13.39 Bidder should use their risk management framework to identify those high-risk areas requiring two-factor authentication and explain how their network accomplishes the goals of Section **E12.8**.

Revise: B13.60 to read

B13.60 Bidder should describe how they would meet the Repeater site, **or dispatch site**, to System Management site connectivity **for services or goods** specified in E13.7, E13.8, and E13.10. Details should include technologies available, security, reliability and redundancies.

PART D – SUPPLEMENTAL CONDITIONS

Clarification of D9.1: Performance security must remain in effect for the entire period that the work is covered by warranty. If additional or extended warranties are purchased, the performance Security must be kept in place to cover this additional period.

Page numbering on some forms may be changed as a result.

PART E – SPECIFICATIONS

Add E10.7

E10.7 Indoor Portable Coverage - Portable indoor voice coverage shall be provided with 95% reliability. The Bidder's percentage value will become the guarantee for pass/fail criteria for coverage acceptance testing. This requirement must account for simulcast interference effects. Bidders must assume that the User is indoors and is wearing the portable (with antenna) on their hip and with a speaker microphone (no antenna) at shoulder height. For purposes of calculation, a build penetration loss of 12 dB corresponding to commercial or light industrial construction shall be used. The boundary of the indoor portable service area shall be clearly indicated on the Bidder's coverage maps provided with their proposal. Areas that may experience degraded audio quality or performance due to simulcast interference must be accounted for in the maps.

Add E13.14

E13.14 System acceptance for Items contains in Section A- Leased Services will consist of the following

- (a) Field acceptance testing – ensuring compliance with all technical and operational specifications of this section.
- (b) Successful completion RF coverage acceptance test plan and compliance with the coverage requirements.
- (c) 90-day operational use of the network without a service impacting failure.
- (d) Completion of all training

Add E14.15

E14.15 System acceptance for Items contains in Section B- P25 Infrastructure will consist of the following

- (a) Field acceptance testing – ensuring compliance with all technical and operational specifications of this section.
- (b) Successful testing and compliance of all backhaul and interconnection specifications
- (c) Successful completion RF coverage acceptance test plan and compliance with the coverage requirements.
- (d) 90-day operational use of the network without a service impacting failure.
- (e) Delivery to the contract administrator the complete As-Built documentation package
- (f) Completion of all training

Add E16.45

E16.45 System acceptance for Items contains in Section D-Dispatch Consoles will consist of the following

- (a) Field acceptance testing – ensuring compliance with all technical and operational specifications of this section.
- (b) 90-day operational use of the consoles without a service impacting failure.
- (c) Delivery to the contract administrator the complete As-Built documentation package
- (d) Completion of all training

Add E17.25

E17.25 System acceptance for Items contains in Section E- PTT via Cellular will consist of the following

- (a) Field acceptance testing – ensuring compliance with all technical and operational specifications of this section.
- (b) 90-day operational use of the network without a service impacting failure.
- (c) Delivery to the contract administrator the complete As-Built documentation package
- (d) Completion of all training

QUESTIONS AND ANSWERS

- Q1** Will the City provide the floor plans and other system drawings for the primary police dispatch equipment room located at 145 Smith Street?
- A1** The City will provide basic floor plans for the new Police Dispatch Center at 145 Smith Street in a subsequent Addendum.
- Q2** Will the City confirm that the primary police dispatch (145 Smith Street) provide adequate space, back-up power and HVAC for the proposed radio equipment?
- A2** The new facility has been designed with substantial space, HVAC and UPS/Generator facilities. While we believe there is sufficient capacity available, the City will not be able to confirm capacity exists until the proposals are reviewed.
- Q3** Section E16.8 specifies each console position shall be supplied with a UPS for approx. 2 hours of backup operation in the event of power failure. Addendum 1 Q6 identifies each dispatch location already has both UPS and generators. Since the new UPS at the dispatch will be used in conjunction with the facility generator would it be acceptable to provide a UPS for each position with a reduced backup time in an effort to reduce overall costs, recurrent maintenance and heat dissipation?
- A3** The specification E16.8 will remain as written. Bidders are allowed to bid alternative solutions provided they also provide the information requested for the 2 hour requirement.
- Q4** Our interpretation of clause D9.2 requires that performance security/ bonds be furnished before the contract is executed. In most cases, industry practice requires the surety review and approve the contract documents before they issue bonds. Given the above, and since the final value of the performance security is dependent on the final negotiated contract price, terms and conditions, will the City please change this clause to indicate that performance security/ bonds will be furnished within fifteen (15) days following execution of the contract?
- A4** All negotiations will be finalized prior to the contract being awarded. Notification of award of contract will only occur after negotiations are finalized.
- Q5** How long is the form of security to remain valid?
- A5** See D9.1.
- Q6** Will the City please clarify the milestones and period of performance for Sections A and B based on days/months after contract award date?
- A6** The target date for implementation is the end of 2015. The exact date and timeline will be determined during negotiations.
- Q7** Requiring bidder to unload goods at the destination is in conflict with the delivery term "FOB destination". Will the City please confirm that the City will be responsible for unloading goods at the destination?
- A7** The goods are FOB destination. Title passes upon delivery and delivery involves the offloading of the goods to the City of Winnipeg facility. The City will Not unload delivery vehicles.
- Q8** Does item 16 (Annual maintenance agreement) include maintenance of any proposed microwave system?
- A8** The costs on Form B shall include all infrastructure costs including any microwave infrastructure. For 3rd party equipment, the City may elect to establish a service agreement directly with the equipment provider and this can be determined during negotiation. However all costs must be included on Form B.

- Q9** In Section E 15 -Multiple high tier radios (both mobile and portable) – it states:
- 1) Radios must allow reprogramming via the radio network (OTAP);
 - 2) Radios must allow changing of encryption keys via the radio network (OTAR);

Will the City confirm if these features. OTAR and OTAP should be priced in the baseline / requested radio pricing or listed as an option?

A9 Both the OTAP and OTAR features must be included in the radios. If these features are not included in the base radio model but are available as options, the prices submitted on Form B MUST include these options as part of the base price.

- Q10** E15.12 provides the specifications to price a “Low Tier (Basic) Mobile”. Item 28(a) requests pricing for 500 “full body radios”. Does this pricing include the dash mount control head or is the pricing for the mobile radio only? In general when pricing for a “full body radio” is requested does that include the control head?

A10 Full body radio typically means a radio that is a single piece. I.e. the RF chassis and radio controls are all self contained in one package and does not include a control head separate from the radio.