



NATIONAL CAPITAL COMMISSION
COMMISSION DE LA CAPITALE NATIONALE

TENDER ADDENDUM

**Design, Supply, Installation and Commissioning of Radio Communication System
SS007**

January 9, 2023

ADDENDUM No. 5

The present addendum is raised to make some administrative changes and answer the questions below. This shall be read in conjunction with and shall form an integral part of the Tender / Proposal and Agreement Documents:

- 1. The closing date of this request for proposals has been postponed to January 31, 2023.**
- 2. Under Clause 23.0 Additional Contract Clauses**

Delete in its entirety: 23.1.1 Contract Authority

Insert:

23.1.1 Contracting Authority

The Contracting Authority is:

Micheline Al-Koutsi
National Capital Commission
40 Elgin Street, Suite 202
Ottawa, ON K1P 1C7
Telephone: 343-552-5974
Email: micheline.al-koutsi@ncc-ccn.ca

The Senior Contract Officer is responsible for the management of the Contract. Any changes to the Contract must be authorized in writing the appropriate NCC delegated Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Senior Contract Officer.

3. Clarifications about Liability

The NCC will not make any amendment to the liability clause in order to set up an indexing mechanism. As stated in Section 13 e) of the RFP, the Contractor is liable for any damage caused by the Contractor, its employees, subcontractors, or agents to the NCC or any third party and damage includes any injury to persons or loss of or damage to property caused as a result of or during the performance of the Contract. Any insurance coverage additional to those required herein that the Contractor may deem necessary for their own protection or to fulfill their obligations shall be at their own discretion and expense

Question 62:

RFP Section 13.3 – Antenna Systems (Shelters / Chalets)

a) This section states “The length of the antenna transmission line and RF jumpers between the equipment and the antenna, connector genders, lightning suppressors, and cable and grounding routing and interconnection details have been estimated for purposes of Bidder design and price proposals.”; and

Addendum #3 Answer 42 confirms all antenna, antenna mounting structures and mounts need to be replaced which does not include antenna transmission line.

There are no estimated cable lengths identified in the RFP or pricing sheets. Please provide the required information so that all Bidder proposals can be evaluated equally.

Answer 62:

The Price and Delivery forms include fields for Bidders to enter the estimated lengths for the RF transmission line based on each Bidder’s observations during the mandatory site surveys.

Question 63:

Appendix A – Price and Delivery Forms – Revision 1

a) After a detailed review of the pricing forms, there appears to be some errors that may impact Bidders financial proposals and the NCC’s evaluation. Since these errors are in BLUE shaded cells which are not supposed to be adjusted/modified by Bidders we have identified these errors/clarifications in the attached Price and Delivery Forms using embedded comments. To summarize:

i. Itemized LMR Prices:

- Under each radio site, there are no formulas to calculate costs associated with Voting Receiver/Comparators. Please confirm pricing for these are required assuming a Bidder is proposing a solution that uses these components.

Corrected on Rev 2

The formula in cell M42, M86, M444, M446, M447, M448, M459, M460, M468, M469, appears to calculating incorrectly as compared to other similar cells.

Row 42: Lease. No formula or calculations. Simply enter the lease rate fees

Row 446: No error discovered

Row 447: Blank row. No entry

Row 448: Heading row. No entry

Rows 459, 460, 468, 469: No error discovered

Row 492: Heading row. No entry.

IMPORTANT: Do not add or delete rows on Price and Delivery forms

Cell P492 has an NCC provided formula and should be BLUE shaded to ensure Bidders do not improperly adjust this formula.

Row 492: Heading row. No entry.

ii. Itemized Microwave Prices:

Under each radio site, there are no formulas to calculate costs associated with Network Cable (CAT6) between radio and switch/interface. Please confirm pricing for these are required.

Corrected on Rev 2

Cell P168 has an NCC provided formula and should be BLUE shaded to ensure Bidders do not improperly adjust this formula.

P168 is for Bidders to enter taxes

Answer 63:

REVISION 2 ATTACHED

Question 64:

RFP Section 15 – System (Infrastructure) Connectivity

This section states that licensed microwave links are expected to provide radio site connectivity however, “the NCC may consider alternatives to microwave links such as optical fibre or a hybrid microwave and optical fibre network” , and Section 15.3 provides requirements for Alternate Infrastructure Connectivity.

Question: Please advise where Bidders who choose to propose alternate infrastructure connectivity, should include these prices in the pricing forms

Answer 64:

The possible alternatives are too varied and would create very complex Price and Delivery forms.

Please use the “Other” rows and brief description of alternative connectivity.

If additional rows are required, please copy rows from Rev 2 Price and Delivery forms and include as a separate price form attached to Appendix A. Please ensure the separate price form is clearly marked “Alternative Connectivity”.

The Alternatives will be tabulated and evaluated separately.

Proposals must include technical and functional details of any alternatives including the benefits of the alternatives to NCC.

Question 65:

Addendum #2, Answer 5

This answer states the NCC will “advise specific equipment that is to be removed from the Fire Tower.”

Question: So that Bidders can accurately estimate the removal costs for this site which are to be included as part of our Bid, please provide the list of equipment that is to be removed

Answer 65:

For purposes of Bidder’s prices, to be verified with Contractor after contract award):

- a) 4 element exposed dipole & mounting hardware
- b) 2.3 cm (7/8 in) RF transmission line
- c) Radio Repeater
- d) RF Filters
- e) All interconnecting cabling.

Batteries, solar panels and solar panel controllers are excluded for purposes of the Bidders’ pricing.











Question 66:**Addendum #2, item 6**

This section clarifies the NCC's requirement to include an industry standard (common) electronic data output / interface for the dispatch radios as an option that they would like the Contractor to include with the initial system purchase.

Question: Please clarify that it should be the Bidder and not Contractor who should be including this interface as part of their proposal.

Question: Please identify where Bidders should include a price for this interface in the pricing forms

Answer 66:

The "Bidder" shall include the interface as part of the proposed solution.

Please use the "Other" rows for the interface if it is not included as part of the Base Station. Please include brief description in the "Other" row and the details of the interface in the proposal.

Question 67:**Addendum #2, Item 4**

This section amended section 13.4 of the RFP however the requirement still remains in section 13.3. That is, "All antenna mounting configurations and locations on the exterior of buildings and other structures shall be certified by a structural engineer registered with the Professional Engineers, Ontario (PEO) or the Ordre des Ingénieurs du Québec"

Question: Regardless of the above requirement, based on all of the RFP requirements the NCC is requesting an engineered solution that meets industry and regulatory standards, and performance and safety requirements. Please confirm that Bidders shall be licensed by the respective provincial engineering association by submitting proof that they have a Certificate of Authorization (C of A) to sell engineering services to the public

Answer 67:

Sections 13.3 and 13.4

Replace the last paragraph of each section

All antenna mounting configurations and locations on the exterior of buildings and other structures shall be certified by a structural engineer registered with the Professional Engineers, Ontario (PEO) or the Ordre des Ingénieurs du Québec.

With the following:

“All proposed antenna mounting configurations and locations on the chalets and shelters or other structures for mounting the antennas shall be pre-approved by NCC.”

Note: The antenna mounting method shall also take into consideration the need to mount the solar panel antennas.

Question 68:

Can the NCC extend the closing date by two (2) additional weeks to January 30th, 2023?

Answer 68:

Refer to the 1st item on page 1 of this addendum.

Question 69

Part 1 - General Instructions to Bidders

Item 8 states “the Proponent whose technical proposal meets or exceeds the minimum required points specified in stage 2 and who has the highest overall combined rating between technical and financial proposal shall be deemed the successful Proponent.” Stage 2 is an evaluation of the technical proposals according to the mandatory and point rated requirements specified in Appendix F.

Question: Can the NCC please clarify what the minimum required points are for stage 2?

Answer 69:

No minimum points required

Question 70:

Appendix F – “Handheld Radio Coverage” table

a) We note that the “Handheld Radio Coverage” table is using a point system and the maximum points are 60,000.

Question: Can the NCC clarify how this number is calculated based on the information provided in the table?

Answer 70:

The points for each area in each zone were selected to reflect the relative importance of each Zone to enable a reasonable resolution of the awarded points for each Bidder’s predicted coverage.

The total points for each area in each zone are selected to ensure that a high score in Zones 2 and 3 do not supersede a low score in Zone 1.

Question 71:

Section 6 – Proposals

a) Section 6.5.1 – Lifecycle costs is requesting the projected 10-year life cycle costs for the new system based on three categories.

Question: To ensure all Bidders are evaluated equally, can you please provide more detail as to what is expected to be included in these costs? For example, are you expecting infrastructure equipment refreshes and/or software upgrades?

All of the above are to be included to the best of each Bidders ability. Please note that the life cycle costs are based on today's dollar and do not include CPI.

b) Section 6.5.1, item #3 states "Replacement of 75% of handheld radio transceivers and accessories (e.g., including chargers, antennas, and speaker microphones) over the 10-year period using the quoted prices in the Price & Delivery forms."

Question: Is the vendor expected to hold the prices of the handheld radios and accessories the same over the period of 10 years or will the NCC apply the inflation increases as described in Section 6.6 "Future Price Increases"?

The inflation increases (CPI) are related to maintenance and not purchase capital cost.

c) Section 6.6 states that the NCC shall use the CPI to adjust on a yearly basis the "annual maintenance fees" but does not include the handheld radios mentioned in section 6.5.1.

Handheld radios and accessories are to be included in the CPI adjustments by NCC for maintenance.

Question: Please clarify where Bidders are to include the Handheld Radio refresh/replacement costs over the 10-year term?

Answer 71:

The life cycle costs are to be a total for the 10 years including all technology.

Question 72:

Section 16 – Handheld and Vehicle Radio Specifications

a) 16.2.2 in part states "The vehicular transceiver unit shall be available in underdash (front mount) configuration and trunk mount (separate control head and transceiver unit) configuration." and "The NCC shall be able to select the underdash, trunk mount, remote speaker configuration based on the NCC's determination on vehicle-specific Bidder

recommendations.” And furthermore states that “All vehicle radios that are supplied as part of this specification shall be directly interchangeable between vehicles without modifying either the transceiver or the interconnecting wiring.”

Question: Please clarify which radio variant described is to be used for pricing purposes?

Question: Since dash mount and trunk mount radios are not directly interchangeable due to the physical characteristics of the radio configuration, please revise the requirement:

“All vehicle radios that are supplied as part of this specification shall be directly interchangeable between vehicles without modifying either the transceiver or the interconnecting wiring.” to;

“All vehicle radios that are supplied as part of this specification shall be directly interchangeable between vehicles without modifying either the transceiver or the interconnecting wiring, where vehicle radios are of the same make, model, and configuration type.”

Answer 72:

Please use the under dash/front mount transceiver configuration for purposes of prices.

Therefore, no change is required to the compatibility requirements as the bids will be based on one model only.

Question 73:

Appendix F – Mandatory Requirements

a) **Question:** Please clarify how Bidders are to complete Appendix F, Mandatory Requirements table? Can you provide this document in MS Word version so that all Bidders can work from the same document and not reproduce their own version?

The MS Word version will be published as a separate attachment labelled “Appendix F – Mandatory Criteria.

b) M10 and M13 appear to be duplicates.

Question: Can the NCC confirm if there is a difference between these two Mandatory requirements?

c) Addendum #2, Answer #29 amended RFP section 13.2 however, the Mandatory requirements M25 and M26 were not amended.

Question: Can the NCC please clarify if these Mandatory requirements are still applicable or if they will be revised or removed?

d) M31 “Alternative Infrastructure Connectivity” is an optional solution that Bidders can choose to propose.

Question: Can you please clarify why this is a Mandatory requirement if it is considered optional?

Please delete/ignore M31.

e) Page 134 of the RFP .PDF document.

Question: Please confirm that section 22.0 Service and Maintenance Contracting should be M48 and not M47 and there is a total of 48 Mandatory Requirements, subject to any changes made based on the previous questions.

Answer 73:

There is no difference between M10 and M13. Please ignore M13 and use M10 for the Bidder’s response.

Please disregard the 1st 2 paragraphs under M25 and M26 in its entirety. All solar panels and associated power supplies are to be replaced.

Please disregard M31.

The 2nd M47 numbering is in error. The 2nd M47 should read M48.

Question 74:

a) Item 2 states “the overall technical score for each responsive bid will be determined by dividing the total number of points obtained by the maximum number of points, then multiplied by 75”. We understand that the Mandatory requirements must be met which are a subset of the various RFP technical requirements and points will be awarded based on the RF coverage predictions, the Mandatory requirements appear to be only a pass/fail.

Question: Can you please clarify if the entire technical proposal will be evaluated based on all RFP requirements or will only the responses to the Mandatory requirements be evaluated and scored?

Question: In either case, can you please clarify how written responses will be evaluated and how points will be assigned to each item since many Mandatory requirements have more than just requirement that must be met? For example, M1 has six (6) different evaluation criteria.

Answer 74:

All proposals will be read for and evaluated for clarity and completeness. The scoring is only related to coverage which is fundamental to the radio system requirements.

The Bidders shall certify completeness by checking “Met”. If NCC determines that the Bidder’s declaration is not accurate, NCC reserves the right to consider the Bidder’s response as “Not Met”.

NCC also reserves the right to obtain further clarifications from the Bidder at NCC’s sole discretion.

Question 75:
Appendix A, Price & Delivery Forms Revision 1

a) In the instruction tab, item 12 states “If any items are not applicable, please identify with "N/A" in the Equipment Price column”.

Question: Entering an N/A into these price cells returns an error for all other formula-driven cells. Can we simply leave the cells blank or use \$0 to indicate not applicable?

Answer 75:

Entering a \$0 is acceptable

All other terms and conditions remain the same.

Micheline Al-Koutsi
Senior Contract Officer
Procurement Services
Corporate Services Branch