



The following amendment 003 to the Request for Proposal (RFP) is raised to answer questions from the Industry following the site visit on February 7, 2023:

Question #1:

Do all wires need to be in conduit in all buildings or only where conduit exists now?

Answer #1:

All wires need to be in conduit only where conduit exists now. New cabling is required to be used in the existing conduit.

Question #2:

If we are to reuse existing conduit there will be down-time on readers while the cables are being replaced. Is there any acceptable amount of down-time?

Answer #2:

A couple hours as suitable, but we cannot allow these doors to remain unlocked at night.

Question #3:

If we cannot reuse existing conduit, will additional conduit be by others or the responsibility of the Bidder?

Answer #3:

New cabling is required to be used in the existing conduit. Bidders will not be expected to reuse existing conduit if deemed unsuitable.

Question #4:

How many distress buttons and sirens, and lock down buttons are currently installed and can we please get the locations?

Answer #4:

Not within the scope of the contract.

Question #5:

As the existing panels were not accessible during the site visit, can we please get pictures of the inside of the current controllers clear enough to see the cables?

Answer #5:

Answer will be provided in an upcoming solicitation amendment.

Question #6:

The doors leading to and from the holding cells are currently restricting egress with electrified locksets. Does CBSA have an exemption to the Ontario Building Code to use these? Normally restricting egress has to be done with magnetic locks that are connected to the building fire system and a ULC approved mag lock power supply.

Answer #6:

UL305 with 15 second delayed release. These doors are designed to "Fail Secure" and have a panic bar. UL305 must be inline with building code and fire code but I will leave that portion of the question with you.

Question #7:

On the doors with in/out readers, do you need to know direction of travel? We are able to tie 2 readers onto one reader port that will still give you in/out readers but it would not log the direction the person was going and only that they used the door. This would save you the 2nd reader space on the controller and some cost as well.

Answer #7:



Yes, the direction of travel needs to be specified.

Question #8:

Does CBSA plan on using the same computer as a database server and a client workstation or do you require 2 separate computers? Is the Bidder responsible to provide new computer hardware?

Answer #8:

The Bidder must provide (1) security system computer, running Windows 11, which must be technically equivalent to or superior than:

Processor speed: Intel Core i7-13700K
Hard Disk Drive Capacity: 4TB HDD
Solid-State Drive Capacity: 500GB SSD
RAM size: 32GB RAM
Graphics Card: RTX 3060 XC
Wired keyboard and mouse
27 inch LED monitor

Question #9:

We were also unable to view any of the cabling in the cabinets or existing controls hardware installed on site as they could not find keys to the cabinets when we attended the site visit.

Because the current service provider on site know what is currently installed, they have extensive information that is not available to any other proponents. Since we were not given the opportunity to see or understand what is currently installed I believe this makes it impossible for any proponent to be able to quote the system upgrade as cost effectively as the current service provider. Unless we are given the opportunity to understand the system and see the existing hardware and cabling the current security provider will be given an unfair advantage in the project.

Also given the late time frame for getting information to price the project, only the current provider is positioned to provide a low price by the RFP close date.

We are asking the following:

1. The contents of the control panels cabling and termination are provided so all can understand the existing installation.
2. Provide information regarding the expectation of the installation new cabling/conduit to the remote buildings. Are we expected to trench new conduit to the remote buildings, or are we expected to use existing conduits? If so please provide details of the conduit availability and sizing.
3. Please provide detailed information regarding all questions and answers that were asked during the site visit that may impact the project so we are all working under the same requirements.
4. To be clear is the expectation of Canada that we are to run all new cable to the existing doors in advance of cutting over the system and we can not reuse existing cable and conduit? The existing hardware can be cutover using the exiting cabling with no system downtime therefore tis requirement will increase the costs exponentially for Canada with no benefit.
5. Since we have so little information to understand the system and the conflicting information we are requesting an extension on the RFP cut off date. Answers from these and other questions will constitute additional information requests to clarify scope. We also request a subsequent extension to the RFP closing date of 10 days.

Answer #9:



1. Answer will be provided in an upcoming solicitation amendment.
2. Yes, you are expected to use the existing conduits. The existing conduits only holds the current system cables.
3. All the information relayed at the site visit is available in the Statement of Work and all questions received afterwards is answered in this solicitation amendment.
4. New cabling is required to be used in the existing conduit.
5. The solicitation is hereby extended up to March 2, 2023 at 2:00 PM EST.

Question #10:

Does the access control server need to run Win10 or Win11? Point 1 in the mandatory technical criteria states a Win11 based access control software, while section 4.1 states a Win10 based software.

Answer #10:

The access control server and software must to run Win11.

Annex C- Statement of Requirement for Access Control Sytem Replacement, article 4.1 Access Control Software is hereby modified as follows:

Delete:

4.1 Access Control Software

The Contractor must replace the existing Access Control Software with a new Win10 based Access Control Software that is available from multiple security integrators.

Insert:

4.1 Access Control Software

The Contractor must replace the existing Access Control Software with a new Win11 based Access Control Software that is available from multiple security integrators.

Question #11:

Is the intent to maintain existing door contacts and T-Rex Exit sensors?

Answer #11:

Yes, the intent to maintain existing door contacts and T-Rex Exit sensors. All doors have a GE door contact, and most doors have a T-rex Exit sensor.

Question #12:

Can any existing network switch be re-used or to be a new install?

Answer #12:

The existing network switch can be re-used.

Question #13:

Is the UPS only intended to provide backup power to the server or other in-rack components as well?

Answer #13:

UPS is intended to provide backup power to the server only.

Question #14:

In Pricing Schedule Section 3, is the maintenance requirement for one annual allotted trip? How long is the maintenance period intended to last?



Answer #14:

As mentioned in the Statement of Work under article Annual Maintenance and Report: during the period of the contract, as-and-when requested by the Project Authority and within 7 days of written authorization, the Contractor must conduct and submit an annual inspection of the entire Access Control systems hardware components and software. Please refer to this article for additional information.

Question #15:

Considering the bid closing date of February 13th, is the intent still to have the following install completed before March 31st, 2023?

Answer #15:

The solicitation is hereby extended up to March 2, 2023 at 2:00 PM EST. The requirement to have the installation completed on or before March 31, 2023 has been modified to reflect the following:

5.1.3 The Contractor must make all reasonable efforts to have all supplies and parts in stock and available for install at contract award.

5.1.4 The Contractor must make all reasonable efforts to deliver the goods and complete the installation on or before March 31, 2023.

In the event that the Bidders cannot guarantee the completion of the work on time, Bidders should advise so in their bid.

Question #16:

Is the intent to maintain the existing card format? If so, what is the existing format?

Answer #16:

Yes, the intent is to maintain the existing card format. The cards are No. 4 bond, 90 g/m2 as specified in CGSB Standard 9-GP-1M.

Question #17:

Is the intent to re-use the existing card readers?

Answer #17:

New card readers will need to be installed on doors at nine (9) buildings to replace the existing readers/structure on site, all doors currently have a GE door contract and T-rex exit sensor.

Question #18:

Is the intent to re-use the existing strikes, request to exits & door contacts?

Answer #18:

Yes the intent to re-use the existing strikes. All doors currently have a GE Door Contact and T-rex Exit Sensor.

Question #19:

Are we allowed to re-use the existing connections between buildings & PIL booths? Underground conduit will likely be frozen and unable to be pulled through prior to March 31st.

Answer #19:

Yes, you are allowed to re-use the existing connections between buildings & PIL booths. New cabling is required to be used in the existing conduit.

Question #20:

Is it possible to have an export from the existing access control server for cardholders as well as current door information?



Answer #20:

The winning Bidder will be provided with the historical access control data to facilitate the installation.

Question #21:

Could you give an exact count of doors per building and an exact count of readers per building?

Answer #21:

Replace all existing readers with new card readers that will need to be installed on doors at nine (9) buildings/ structures on site, all doors currently have a GE door contact and T-rex exit sensor:

Traffic Building: Qty 19

Commercial Building: Qty 17

Tertiary Garage: Qty 2

PIL Booths: Qty 6

Question #22:

Keypad on the reader? Are they really required? During the visit, the Agent never mentioned they were using it. This is a good way to save money in case you decide to replace the readers as well.

Answer #22:

No, keypad on the readers are not required. You will need to replace all existing readers with new card readers that will need to be installed on doors at nine (9) buildings / structures on site, all doors currently have a GE Door Contact and T-rex Exit Sensor.

Question #23:

Please confirm if cabling is to be removed and replaced?

It will be impossible to keep the existing system active while the new one is being installed as there is no room in the existing conduit to add cables.

Answer #23:

No, old cabling is not required to be removed. New cabling is required to be used in the existing conduit. The Bidder will not be expected to re-use the existing conduit if deemed unsuitable.

Question #24:

If new card readers are required, are they intended to have a keypad?

Answer #24:

No keypad required.

Question #25:

Could you please provide an hardware schedule report from the existing ACS detailing readers and any additional panic buttons, emergency doors, strobes/sounders etc connected to the system?

Answer #25:

Not within the scope of the contract. There are no additional panic buttons, emergency doors, strobes/sounders, etc. connected to the access control system.

Question #26:

In order to keep the two systems running in parallel we are required to run new communication wiring. Can this be free-air or is there a requirement for conduits?

Answer #26:

Answer will be provided in an upcoming solicitation amendment.

Question #27:



We are concerned about the existing conduit sizing pertaining to the new cable runs. What is the current conduit fill percentage?

Answer #27:

Our understanding is that only the card reader system is running the current conduit.

Question #28:

Please provide pictures of existing panels as during on-site visit we were not able to open cabinets and investigate?

Answer #28:

Answer will be provided in an upcoming solicitation amendment.

Question #29:

4.2.2 The Contractor must replace the existing access control system cabling, and remove all unused cabling. Question, As a cost effective measure, if a new solution is capable of reusing the existing access control cabling can it be retained?

Answer #29:

New cabling is required to be used in the existing conduit. Bidders will not be expected to re-use existing conduit if deemed unsuitable.

Question #30:

Are there any deficiencies in the existing hardware or wiring that are currently known?

Answer #30:

There are no known deficiencies in the existing hardware or wiring. The CBSA Prescott PoE is currently using the Facility Commander® Wnx access control system which has been declared end-of-life (hardware components as of December, 2019 and software as of December, 2020) and required a full replacement.

Question #31:

There appears to be a discrepancy in the RFP regarding the hosting platform OS.

- a. The Bidder must submit a technical brief or brochure which substantiates that the seven (7) Main Controller Boards to be installed are compatible with the software. (Win11 based Access Control Software).
- b. As part of the project the Bidder must provide a Win11 based Access Control Software that is available from multiple security integrators.
- c. 4.1 Access Control Software The Contractor must replace the existing Access Control Software with a new Win10 based Access Control Software that is available from multiple security integrators.
- d. Question, Are both Win10 and Win11 OS hosting options? There is no mention of a server class OS such as Win Server, is that an available option?

Answer #31:

The Bidder must provide one (1) security system computer, running Windows 11, which must be technically equivalent to or superior than:

Processor speed: Intel Core i7-13700K;
Hard Disk Drive Capacity: 4TB HDD;
Solid-State Drive Capacity: 500GB SSD;
RAM size: 32GB RAM
Graphics Card: RTX 3060 XC
Wired keyboard and mouse
27 inch LED monitor



Question #32:

4.6.4 Provide 100 access cards and 100 access fobs (with wrist strap) for the new access control system.

Question, Is there a required credential technology?

Answer #32:

The required credential technology is the following: the cards are No. 4 bond, 90 g/m² as specified in CGSB Standard 9-GP-1M.

Question #33:

Question, are there any intrusion or duress points in the existing system? Is an existing point list available?

Answer #33:

Not within scope of contract and is not relevant to the replacement of the system.

Question #34:

Question, During the site walk, the cabinets were not able to be opened. Can you please provide us with a detailed hardware tree including the existing infrastructure for devices/nodes including serial numbers. An export of this can be done via the software. If this cannot be done, please provide detailed pictures of each existing node marking the device and door configuration/connection.

Answer #34:

Answer will be provided in an upcoming solicitation amendment.

Question #35:

Question, Section 4.2.1.1 & the replacement of existing access control equipment, do door related end devices outside of readers require replacement? Examples: Trex Exit sensors and GE Door Contacts?

Answer #35:

No, all doors currently have a GE Door Contact and T-trex Exit Sensor which the new system must work with.

Question #36:

Question, Section 4.2.1.1 & the replacement of existing access control equipment, are access control power supplies to be replaced?

Answer #36:

Yes, access control power supplies will need to be replaced. Seven (7) Main Controller Boards which will be installed in three buildings on site fully compatible with the access control system software and Fourteen (14) 12V 7AH back-up batteries compatible with seven controller boards .

Question #37:

Question, can existing access controller enclosures be re-used?

Answer #37:

No, existing access controller enclosures cannot be re-used. The CBSA Prescott PoE is currently using the Facility Commander® Wnx access control system which has been declared end-of-life (hardware components as of December 2019 and software as of December 2020) and requires replacement.

The Security Integrator must replace the end-of-life Facility Commander® Wnx hardware components and software to a new access control software platform.

Question #38:

Question, Can the access control software server reside on the same PC as the client workstation?



Answer #38:

Yes, the access control software server can reside on the same PC as the client workstation. The Bidder must provide (1) security system computer, running Windows 11, which must be technically equivalent to or superior than:

Processor speed: Intel Core i7-13700K;
Hard Disk Drive Capacity: 4TB HDD;
Solid-State Drive Capacity: 500GB SSD;
RAM size: 32GB RAM
Graphics Card: RTX 3060 XC
Wired keyboard and mouse
27 inch LED monitor

Question #39:

The RFP states that all work is to be completed by March 31, 2023- The equipment proposed including all delivery, and cable requirement upgrades this may not be feasible. Please confirm that this date is movable.

Answer #39:

The solicitation is hereby extended up to March 2, 2023 at 2:00 PM EST. The requirement to have the installation completed on or before March 31, 2023 has been modified to reflect the following:

- 5.1.5 The Contractor must make all reasonable efforts to have all supplies and parts in stock and available for install at contract award.
- 5.1.6 The Contractor must make all reasonable efforts to deliver the goods and complete the installation on or before March 31, 2023.

*****All other terms and conditions remain unchanged*****