

RFP 16-22049 Q & A Round 3

Q1: The mandatory Scope of Work, Section 2.2, G requires the Bidder to provide warranty of software and hardware despite the fact that the RFP contemplates a fully managed service. In a managed service, the Bidder provides a firm all-inclusive price for a subscription-based service, including the hardware and software required to deliver the service. The RFP is clear that the Bidder needs to provide a subscription-based “turnkey” managed service, and that all hardware and software associated with the service need to be supported at no additional cost to the Government of Canada. As such, we respectfully request that the Software and hardware warranty requirement be removed.

A1: Under Section 2.2.G, a comprehensive warranty for the hardware/software installed on site for data collection is required. However, alternatively, the Bidder can include servicing of the s/w and h/w as part of the managed service. For the data storage and analysis on a remote server or on the cloud (within Canada), a warranty for the hardware/software is not required as long as the service quality is ensured.

Q2: Please provide the relevant contacts (personnel) at BAS providers knowledgeable of the installed equipment in the buildings identified in the RFPs (Siemens, VCI, JCI, Delta and Airtron) for cost estimation of BAS integrations and also energy meters integrations wherever applicable.

A2: The Energy Audit documents are the only information source during the bidding process.

Q3: Please provide the relevant contacts (personnel) at local utilities (Cliff Street Central Heating Plant, Confederation Heights Central Plant, Tunney’s Pasture Central Heating Plant and Enbridge Gas Distribution) for cost estimation of energy meters integrations in the buildings identified in the RFPs

A3: The Energy Audit documents are the only information source during the bidding process.

Q4: Please confirm whether the current BAS at each building identified in the RFPs can communicate over BACnet IP or any other open protocol (Modbus, Fox, others).

A4: The Energy Audit documents are the only information source during the bidding process.

Q5: Please confirm whether the current energy, steam, high temp hot water, chilled water meter in the buildings identified in the RFPs are currently connected to BAS or not, and provide the communication protocol, of each of these meters.

A5: They are not connected to BAS at this time. Please assume \$10K for energy meters integration as a separate cost item.

Q6: Please provide model and version of the current BAS at each building identified in the RFPs

A6: The Energy Audit documents are the only information source during the bidding process.

Q7: Please identify the appropriate mounting location of the integration gateway panels (24"x14") at each of the buildings identified in the RFPs . Our requirement is to have 120 vac @ 15 amp dedicated circuit for gateway panel, a strong Rogers signal strength and Ethernet drop which allows the access to the BMS.

A7: This will be done at the contracting process.

Please note that installation of the 120V AC circuit and the Ethernet drop must be included in the Bidder's cost estimates.

Q8: Please provide the count of terminal units (VAVs) that are connected to BAS, if any, at the buildings identified in the RFPs

A8: The Energy Audit documents are the only information source during the bidding process.

Q9: Please confirm that aside of library and archives (395 Wellington Street), all other lightings systems are standalone and not mapped into BAS. If this is correct please provide details about the communication protocol of lighting systems

A9: There is no plan to integrate lighting systems under this RFP.

Q10: Please confirm that the points from assets in taxation_data Old Wing" Wing B" are available via VCI BAS

A10: The Energy Audit documents are the only information source during the bidding process.

Q11: Please elaborate on the nature of the 24/7 support requirements.

A11: It is expected that the monitoring system will operate without any interruptions and that the results of such monitoring will be available on a 24/7 basis. It is also expected that any detected anomalies will be dealt with promptly.

Regarding Appendix A, Section 2.2

Q12: For the work order system, please clarify if you would like any of the following three models:

1. We run an independent work order system for managing the status of FDD issues?
2. We run a hybrid system which integrates with your existing work order system for managing ticket statuses? i.e. third party contractors and FMs can use our system for FDD related issues but it integrates with your native platform.
3. We integrate into your work order system and the FMs only use your platform?

A12: There is no third party work order system to be integrated.

Regarding Appendix A, Section 2.4

Q13: Provide native integration capabilities of PSPC energy metering database.

A13: Two possibilities:

- (1) If the database is available, the integration will be done through Web services.
- (2) If the database is not available, please assume \$10K for energy meters integration as a separate cost item.

Q14: What are the exact number of meters?

A14: 3~5 energy meters in each building.

Q15: Are the meters connected to the BMS? Are the meters connected to a standalone metering system?

A15: The meters are not connected to BMS/BAS yet. There are two possibilities:

- (1) If the database is available, the integration will be done through Web services.
- (2) If the database is not available, please assume \$10K for energy meters integration as a separate cost item.

Regarding Appendix A, Section 2.7

Q16: Please confirm the unit of measure (we recommend what is native to the BMS). E.g. do they want imperial units converted to SI or do they want the native units reported.

A16: The system must be able to provide all measurements in SI (metric) units for reporting. It is preferable to have both options (SI and imperial) on the web-based user interface for users to choose.

Q17: This section refers to the term "AHU graphics". Do you require BMS graphics to be replicated in our platform as part of this project? This would be similar to a unified user interface type of solution.

A17: Not to replicate the AHU graphics from BMS, but to display in a meaningful way.

Regarding Appendix A, Section 2.10

Q18: This section refers to generating asset lists. Can you please clarify your requirements? Do you require a full lifecycle asset register of all the equipment under this contract or what assets are on the system (i.e. make model, age, serial number, condition, etc.)?

A18: Only the assets being monitored under the contract.