

RFP 16-22061 Q & A Round 2

Q1: There is a security requirement associated with the RFP that we believe may be restrictive. The requirement is currently for the contractor to provide a managed service, which could be a cloud service. Regardless of the fact that the service is hosted in Canada, there may be some expertise that will not be delivered by Canadian resources. PSPC has an organization that is responsible for alternative security clearances for non-Canadians where the SRCL does not include CLASSIFIED requirements:

International Alternative Solutions & Best Practices | Gestionnaire, Solutions
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International Industrial Security | sécurité industrielle internationale

Would the PSPC/IIS/NRC please confirm if equivalent alternate clearances (e.g. HSPD12, FBI check, or other) are acceptable?

A1: Yes.

Q2: The RFP states that NRC and PSPC will provide the bidder all available information about the target buildings including its BAS (name, version, and maintenance service provider) and a list of equipment to be monitored. The information included in attachments to the RFP included energy audit reports for the 6 main buildings in the RFPs. We would like to request further information for estimating purposes:

1. Can PSPC provide the missing BAS data for the 6 main RFP buildings and 19 additional buildings?
2. Can PSPC provide the equipment data for the 19 additional RFP buildings?
3. Can PSPC provide the missing equipment data for the 6 main RFP buildings?
4. Can PSPC identify if the building BAS's are BACnet enabled per Annex J of the BACnet standard? Alternatively, can PSPC provide a contact to obtain more information on the building BAS's?

The information we are requesting is important to ensure that all bidders are operating on the same information. Some of the bidders may already be working in these buildings and will have this knowledge and some may not, making it difficult to estimate for all of the potential buildings in Scope.

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

Q3: Does PSPC/NRC require the purchase of a perpetual license for all software utilized in the system, as indicated in 7.4a) turnkey solution. Or is the intent only to subscribe to the software solution, as an included service contained within the annual managed service cost?

A3: Both are fine.

Q4: In past procurements, we have seen the use of the standard limitation of liability clause for Information Management/Information Technology (see SACC N0000C). The current RFP does not include this reference and therefore implies unlimited liability, which is not possible for our company to accept. In order to ensure CBSA has access to best bids and proposal from respondents, we respectfully request that this clause be included in the RFP.

A4: No, the liability requirement is as per the NRC standard terms 2035 General Conditions – Services, Appendix D.

Q5 (translated from French): I would like to draw your attention to point 2.9 (A., B., E., and F.) of the document entitled Statement of Requirements.

It indicates that the information posted must include the work order history, the open work orders, the priority of work orders and the incidents associated with operation and maintenance that have occurred in the building.

Point 2.10 of the same document asks that the proposed solution include measures for ensuring that performance is monitored and followed up on for operation and maintenance service providers, in relation to:

- Recording all work orders / recommendations issued
- Data on work orders, including date and time stamping both the receipt and execution of service requests.
- The frequency of service requests, the time frame for providing acknowledgements of receipt and the time frame for providing the service.

Although our team is capable of proposing a comprehensive solution from an energy standpoint, the elements addressed by these points relate more to operation and maintenance software and should, in our opinion, be managed by using an appropriate maintenance software. In fact, the system that we hope to propose cannot record the operations conducted by operation and maintenance teams on its own without manual entry. Could you please clarify your expectations with regard to work orders and service requests in the ideal solution, as related to the goal of improving energy performance?

A5: The function of Building Maintenance Service Performance Monitoring is required as stated in 2.10. Please note that these requirements are related **only** to work orders generated by the analytics system.

Q6 (translated from French): In terms of energy management, two possibilities are foreseeable: it is possible to envision a more global vision, allowing energy management for the entire site (the building) without itemizing its components, or a more detailed vision, focused more at the equipment level. This second option would obviously require the addition of several sub-meters (if not already present) and additional points of control to be able to gather and log information on a specific piece of equipment's operation and consumption. A significant cost difference can be observed between the two types of solutions. We would therefore like to know more about your preferred strategy and the degree of detail you would like in this regard.

A6: Energy management is at the building level, but energy saving (opportunity) calculations should be done at the equipment level. No additional sub-metering is intended at this time.

Q7: could you please give us the appropriate contacts to get the cost estimation for the energy meter as per below:

2.4 Energy Metering Data Collection

The Bidder shall provide a solution to capture and analyze energy meter data on a real-time basis. The energy meter data shall include all of the following (if present in the building): electrical power, natural gas, steam, hot water, and chilled water. This real time energy consumption data shall be stored, analyzed, trended and presented in easily understandable real-time dashboards accessible to PSPC stakeholders. The energy metering data collection shall be at an interval of 15 minutes or less.

If such energy meter data are available through a database owned by PSPC (for the buildings connected to Confederation Heights and Cliff Central Heating and Cooling Plants), the Bidder needs to consider the cost for connection to this database. Otherwise, the Bidder shall arrange integration of energy meters to the BAS and include the integration cost in the total pricing. NRC and PSPC shall provide the appropriate contacts to get cost estimation for such energy meters integration during the RFP response phase.

A7: Assume \$10K for energy meters integration as a separate cost item.

Radiation Building Specific:

Q8: What is the make, version and model number for the VCI system on the Radiation Building?

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

Q9: On page 11 of the Energy Ottawa it references the old wing and the fact that it does not have DDC controls, instead all controls are pneumatic. Is there an intention to upgrade this equipment to DDC

controlled equipment or will this be omitted from the scope of the project as it relates to tying into the equipment?

A9: The old wing will not be monitored.

Q10: Is this VCI brand control system currently able to communicate BACNET over I.P.?

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

Taxation Data Center Specific:

Q11: On page 156 of 304 in the facility overview content it indicates the following:

All perimeter induction units operate on pneumatic thermostats controlling the local two-way valve. None are monitored by the BAS.

Some pneumatic valves existing for AHUs and piping, however, they only provide power to the actuator; all monitoring and calculations are done by computer BAS.

Is there plans to upgrade the pneumatically controlled systems or will controlling these be omitted from the RFP scope?

A11: Systems that are not controlled by the BAS are not expected to be monitored.

Q12: The feasibility study on this building indicates the BAS system is a Siemens Apogee brand system. Can you provide the make, version, and model number for the system controller?

A12: The Energy Audit documents are the only information source during the bidding process.

Q13: Is this Siemens brand control system currently able to communicate BACNET over I.P.?

A13: The Energy Audit documents are the only information source during the bidding process.

Specific to both buildings:

Q14: Can you provide the number of BACNET points available for both systems?

A14: No. The Energy Audit documents are the only information source during the bidding process.

Q15: Can you provide an exported copy of the BacNET points from the BAS system to show which points are available on each of the two systems?

A15: No. The Energy Audit documents are the only information source during the bidding process.