RFP 16-22049 Q & A Round 1

Q1:
Can you please provide the following data for East Memorial, National Library & Public archives buildings:
o Balancing Reports
o Energy utility bills for the last two years
o Mechanical documentation
o BMS (building management system) control sequence documents
o Screenshots of the mechanical systems (AHUs, ATDs, Control Zones etc.) from BMS.
Is it possible to get read-only access to the building management systems in East Memorial, National Library & Public archives buildings?

A1:
The energy audit documents found on buyandsell, entitled 16-22049 East Memorial Energy Audit Report 2010 and 16-22049 Library and Archives Energy Assessment Report 2014 posted on July 28 2016 are the only information source during the bidding process.

Q2:
Energy audit reports have been posted for East Memorial, National Library & Public archives building as an attachment. Are these the latest audits for both buildings?

A2:
Yes.

Q3:
Have all the changes proposed in these energy audits been implemented in East Memorial, National Library & Public archives buildings?

A3:
For the purpose of this RFP, assume the proposed changes in the Energy Audit Documents have not been implemented.

Q4:
Typically, in commercial buildings, the DATA network for BMS is isolated from regular DATA network traffic for security purposes. Is this the case for this project? Are BMS networks completely isolated behind a dedicated firewall and DATA network architecture? Please answer it for:
o East Memorial,
o National Library, public archives buildings

A4:
Yes for both, BAS network is completely isolated from other networks.

Q5:
Is it possible to access internet from the DATA network where BMS is located. Please answer it for:
o East Memorial
o National Library, public archives buildings

A5:
No Internet access to the BAS Data network.

Q6:
Are East Memorial, National Library and public archives buildings networked together? Is it possible to reach the BMS network at East Memorial building from the BMS network at National Library and public archives building?

A6:
No, they are not together.

Q7:
Please list the make, model and purpose for each BMS that are used in the buildings. Please answer it for:
o East Memorial
o National Library, public archives buildings

A7:
The Energy Audit documents posted on buyandsell on July 28 are the only information source during the bidding process.

Q8:
Please list the supported management protocols supported on each BMS. (Bacnet/IP, OPC, ODBC etc.)
Please answer it for:
o East Memorial
o National Library, public archives buildings

A8:
Please refer to the Energy Audit Documents posted on buyandsell on July 28.

Q9:
Is it a requirement to keep the customer data within customer premises?

A9:
No, but within Canada.

Q10:
Building data is collected from BMS periodically via an on-site secure appliance. Preferably, this appliance is located in the same network as BMS system. Is this going to be the case for this project? Please answer it for:
o East Memorial
o National Library, public archives buildings

A10:
This is one of the potential solutions.

Q11:
Based on the RFP document, separate quotes are being asked for "East Memorial" and "National Library and Public archives" buildings. Are we supposed to be providing any pricing for any of the additional possible buildings listed in appendix C?

A11:
No.

Q12:
Please confirm: We are supposed to provide additional quote for a building which has similar specifications as "East Memorial Building".

A12:
Yes.

Q13:
Please confirm: We are supposed to provide additional quote for a building which has similar specifications as "National Library and Public archives".

A13:
Yes.

Q14:
Will there be a site visit?

A14:
No.

Q15:
Are consortiums and co-enterprises (joint ventures) allowed to carry out this mandate?

A15:

Yes, the proposal should be submitted by the leading organization.

Q16: Given that there appears to be no price submission form, do we need to prepare our own cost proposal using our usual method (while taking into account the information provided under item 7.0), or are there specific requirements that need to be met?

A16:
Yes, the bidders should prepare their own cost breakdown while keeping into account items listed under Section 7.0

Q17:
Can the available building automation system information for all buildings included in the 3 task orders be provided along with a list of assets to be connected? Can PSPC identify which buildings are BACnet enabled (per Annex J of BACnet standard)?

A17:
Please use all the information from the Energy Audit documents.

Q18:
Could NRC please clarify the following with respect to Section 2.4 (Energy Metering Data Collection): Please confirm that metering installation is not required, as these task orders will be completed under a separate scope of work. Also, please confirm that the connection of these meters into building BAS or other data aggregation solution will not be part of the bidder's scope of work.   In our experience, IP enabled meters are not always visible unless they are physically connected to the BAS or we physically connect to them. Would NRC please clarify what is expected of the bidder in order to meet this requirement?

A18:
Please assume energy metering data are available either at the BAS or at a centralized server (through web services).