

## Questions and Answers

Date: June 15, 2016

Solicitation No. DTFH7016Q00033

Project: Energy Management System Upgrade

1. Question: Will Windows 7 operating system be acceptable on the new workstation?

Answer: Please refer to the following from the statement of work: "Include an operating system compatible with the proposed database and application software." (See #4 under "EMS Upgrade")

2. Question: How many new workstations will be required for this project?

Answer: Only one new workstation is required.

3. Question: How many Continuum workstations are currently in use on the existing system?

Answer: There is currently only one workstation.

4. Question: Could you provide the serial numbers of the existing Continuum keys?

Answer: The key number is WEBC-2PRO-USB and the serial number is 1028111.

5. Question: Could you provide the existing EMS documentation?

Answer: Documentation will be made available after the award of the contract.

6. Question: Metering: How many days of stored reporting is required?

Answer: There is no requirement regarding the number of days of storage.

7. Question: Metering: How many intervals and at what sample rate is required for the trending report?

Answer: The intervals vary depending on the parameter being trended. The shortest expected interval is every minute, many are every 5 to 15 minutes, and the longest is every 24 hours. The upgrade is expected to provide better sampling and trending than is currently possible. The specific details for each trending report will need to be defined as part of the upgrade process.

8. Question: Are all the meters currently functioning and reporting?

Answer: All meters are functioning, but may require minor configuration changes based new capabilities of the upgraded system.

9. Question: Will sequel express 2012, which supports a 10GB database with 1GB memory, be accepted?

Answer: Please refer to the statement of work, which states: "Include a full featured and fully integrated database compatible with the existing EMS database. Database shall be fully relational and capable of supporting > 10 GB disk space and 1 GB of memory." (See #2 under "EMS Upgrade")

10. Question: What all does the existing energy management system control? Is it just power metering? Does it also control lighting, HVAC, or refrigeration?

Answer: Please refer to the statement of work, which states: "WFLHD has installed advanced metering capability for facility utility usage monitoring as required by Executive Order 13693. The existing advanced metering function includes four electric meters, one natural gas meter, and one water meter. The advanced meters monitoring utility usage have been integrated with the existing EMS but are unable to be fully functional due to performance restrictions with the current EMS database."

The majority of the facility's HVAC system is controlled by the EMS. There are some uncontrolled areas that may be integrated with the EMS in the future.