

DOCUMENT 00 91 00

ADDENDA**PART 4 - ADDENDUM NO. 4, issued July 29, 2014.****4.1 REVISION TO THE PROJECT MANUAL****A. Revise SECTION 25 55 00 FACILITY MANAGEMENT SYSTEM****1. Revise section 3.1, C, as follows:**

From the time of system startup thru the commissioning phase to the end of construction, the contractor *may utilize an existing local connection initially* ~~shall provide a broadband internet connection to the system that will allow the contractor and owner representatives to access the system from any location on and off site. This connection shall be maintained by the contractor and not depend on the owners network. The contractor shall be responsible for the installation and maintenance of this temporary connection to the ISP at least until the systems is accepted or permanently connected to the owners GUI.~~ (Addendum #4 7/29/14).

4.2 REQUEST FOR INFORMATION QUESTIONS

- A. **QSTN:** Per plan MET-4.01, Note 5 and Note 20 pertain to the Verizon, Sprint, Nextel, Metro-PCS, T-Mobile, AT&T, and Sprint PCS cell towers. Please confirm that the design build entity is not responsible to pay any outage fees due to cutting power to these towers. Please confirm that any provider service costs incurred by having to call out technicians to properly restart these towers will be covered by the district.

RESPONSE: The work of Note 5 and 20 on MET-4.01 is contained within the Allowance item "Cell Sites Meters Allowance". It is confirmed the DBE will not be responsible to pay outage fees or service call fees to the cell companies for planned outages to install new meters. The DBE would be responsible to pay for such fees, if any, if the DBE caused an unplanned power shutdown. The DBE will be required to schedule the shutdowns to the days and times agreeable to the cell companies, which will be off-peak times, and to coordinate the exact time and access to the work with the District, such that the cell companies have the ability to provide their own temporary power to their equipment, but still allow the meter work to occur. Safe-off procedures, and planned restricted access to the work by all parties to be planned, documented, and executed in the field.

- B. **QSTN:** Specifications 25 55 00, Page 30 of 40 states: "The contractor shall provide a broadband internet connection to the system that will allow the contractor and owner representatives to access the system from any location on and off site. This connection shall be maintained by the contractor and not depend on the owners

network”. It may not be in the best interest of the district to pay for marked up internet provider services with the associated startup costs and possible integer value annual contracts. Please confirm if it is acceptable for the contractor to demonstrate system functional testing via local connection initially, and then merge the network with the existing campus network?

RESPONSE: Confirmed, the DBE will NOT be required to provide a temporary broadband internet connection. It is acceptable to utilize a local connection initially.

- C. **QSTN:** Regarding Commissioning, there is not a mechanical equipment list called out in the commissioning specification. Even in a perfect world scenario, where there are zero errors made during the installation of the meters and FMS integration, the time required to perform a comprehensive demonstration for 100% of the functional sequences in person would require a tremendous amount of time. Assuming, there is already a comprehensive functional performance test that can be run through software, please confirm if the following ratios of equipment demonstration to the commissioning agent in person are acceptable:

VAV, EF, FCU – 10%

Lighting – 10%

AHU – 50%

Chillers, Boilers – 100%?

RESPONSE: Functions performed solely by the MNL controllers do not have to be commissioned at all for this Project. Functions performed by the current UNC (JACE) or server will be required to be commissioned 100%. If the UNC replacement is providing information such as occupancy status or other supervisory enabled points to the UNC replacement, we will commission these interface points only on a sample basis of 15% per building, unless problem issues are found. We do not require the Design-Build Entity to repair systems that are currently not working as part of the base contract work, but it is required for the DBE to provide information about non-working systems to the owner if found during the course of the normal work.

- D. **QSTN:** Regarding the existing SNS database, per the BMS Workshop Meeting held 7/22/14 temporary log-in names and passwords were provided to all attendees. It was stated at the meeting that an IP address would be identified and issued to allow the log-in to the Graphic User Interface. Please provide the IP address.

RESPONSE: The IP address to use for this access is 207.62.235.164

END OF ADDENDUM #4