

October 5, 2022

**CLOVIS UNIFIED SCHOOL DISTRICT  
BID 2912 – ENERGY MANAGEMENT SYSTEM UPGRADE – VARIOUS SITES**

**ADDENDUM NO. 3**

This addendum forms a part of the bid/contract documents. It modifies the original project plans, specifications and instructions. Bidders are required to acknowledge receipt of this addendum on the sheet included with the bid package. Failure to acknowledge receipt of this addendum may subject the bidder to disqualification.

**EMS Upgrade RFI**

**CLARIFICATIONS:**

1. **QUESTION:** Many of the JACES in the scope are Honeywell and have Honeywell Spydres with the embedded Spyder tools. Please confirm that these sites are to remain Honeywell N4 JACES in order to utilize the spider tool for future Spyder programming capabilities.

**ANSWER:** They can be replaced with any Tridium front end, but it must support and run Honeywell Tools for Honeywell Spyder programming capabilities.

2. **QUESTION:** Please specify the SMA length (1yr, 3yr, 5yr) required for each new JACE controller.

**ANSWER:** SMA length is 5 years for all JACEs.

3. **QUESTION:** Specifications say to deploy the latest version of Niagara 4 software in each JACE. Currently, that version is 4.11. The existing N4 Server station is running 4.10. It is highly recommended that the Server and JACE versions match. Confirm if deploying 4.10 in each JACE is sufficient or if we are required to also update the N4 server to 4.11 (or newest version available to match new JACES). Existing server SMA is still up to date.

**ANSWER:** All new JACEs should be installed at version 4.10 to match N4 server station.

4. **QUESTION:** Does CUSD have control drawings that show panel layouts/dimensions of the existing JACE enclosures? There is a concern that there may not be enough room inside the existing panels to accommodate Lon modules where required. Also need to confirm if existing JACE panels have 24vac transformers or if existing JACES are being powered by plug-in wall modules. Panel modifications or entirely new enclosures may be required at some sites.

**ANSWER:** Typical R2 sites have 16" wide by 20" height enclosures. All R2 JACEs will require a new 24VAC transformer installed. Most AX sites have 24VAC transformers; however, some may only have a plug in. AX enclosures vary in size but should be adequate in size to accommodate all new devices (ie: Buchanan central plant and Alta Sierra central plant enclosure are 3' wide by 4' height).

5. **QUESTION:** On the JACES that have NRIO controllers, please confirm if these controllers are to be replaced with updated IO-R devices or if the old NRIO hardware can remain in place. It is recommended that all NRIO modules get replaced with IO-R modules.

**ANSWER:** All NRIO, NDIO, LON, MSTP modules directly connected to the JACE must be replaced with new.

6. **QUESTION:** Alta Sierra Plant  
a) Please confirm if there is a Lon network on this JACE and if so, confirm number of Lon field devices for licensing purposes

**ANSWER:** There is a LON network on the Alta Sierra central plant JACE with 4 devices. This was erroneously left off the bid form.

7. **QUESTION:** Buchanan 600  
a) This is a TITAN JACE that was downgraded to run Niagara AX. It has an SMA expiration of 2-8-26. Please clarify if this SMA needs to be extended as part of the project or if the existing SMA can stay as-is.

**ANSWER:** Per bid requirements, all JACEs are to be replaced. This includes the TITAN JACEs at Buchanan\_600, PLC, Woods, Orazo Elementary, and Temperance-Kutner Elementary.

If you have any questions, please feel free to contact my office at 559-327-9479.

Leeann Errotabere  
Director of Purchasing

2-page addendum