

**City of Los Banos WWTP
New Headworks Project
BID Period - Request for Information LOG**

| # | Question | Specification Section | Drawing | Date | From | Answer |
|---|---|------------------------------------|---------|-----------|---|---|
| 1 | Can you please confirm what PW determination # this project will be using? Will it be DIR - 2017-1 wages, or DIR - 2017-2? | | | 9/6/2017 | Sarah Luna, Telstar Instruments | Please use the second period of 2017 i.e. to determine project PW: DIR - 2017-2 |
| 2 | Is there any Good Faith Effort Requirements for this project? | | | 9/13/2017 | Raquel Flores Estimating Coordinator Mountain Cascade, Inc. | No, there are no Good Faith Effort Requirements on Los Banos project. |
| 3 | Please confirm if the project duration is calendar days or working days. The specs show both calendar & working days for the project duration. | Advertisement for bidders, 00520-2 | | 10/2/2017 | Sarah Luna, Telstar Instruments | The project duration is calendar day. The Advertisement for Bids was updated via Addendum No.1 |
| 4 | The specification section listed above describes a NEMA 4X Wall Mount enclosure and drawing E025 shows that CP-1 is a NEMA 12 Free Standing enclosure. Is the specification referencing a different control panel(s) (such as vendor supplied). Please clarify? | 16931-2.1.A.2 | E025 | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | Per drawings E320, CP-1 is located inside enclosed building. All equipment inside enclosed building shall be rated NEMA 12, unless otherwise noted by plans and specifications. Specification is referencing all enclosures located in "NEMA 4X AREA" ratings. All enclosures shall comply with area classification and NEMA rating as noted on top-left (AE section) of DWG. |
| 5 | Please approve SCE (Saginaw Control and Engineering) as an approved equal for the CP-1 enclosure. Part number would be SCE-903620FS. | 16931 2.1 d. | E025 | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | Without proper reference check the proposed enclosure manufacturer cannot be added to the specification. If you believe that the manufacturer meets the specification please submit as equal. |
| 6 | Please approve an Allen Bradley Panelview Plus 7 as an equal for use as the OIT. The software used to develop the application would be FactoryTalk View ME. | 16931 2.3 A. 1. | E025 | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | Reference updated DWG E025 and specifications. |

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| 7 | The section referenced above states that "Programming for PLC's and SCADA shall be done by others". Elsewhere in the specification (section 00453 and 16931) there are requirements for the qualification of the "System Integrator". Does this indicate that the "System Integrator" is only the Control Panel and Instrumentation supplier and not the programmer? | 16931 1.4 F | | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | That is correct. PLC and SCADA programming will be done by others. Contactor is responsible for auto-dialer programming including but not limited to, alarm callouts, adding contact to alarming system, alarm setpoints, and TELCO alarm communications. |
| 8 | The drawing referenced shows Instruments and an HMI for the "Foul Air Exhaust Fan 1117", are these devices Vendor furnished? The instruments are not listed on the Instrument List. The drawings seem to indicate that the HMI is a component of the MCC? If they are not Vendor furnished, are there specifications and drawings available? | | P112 | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | The drawing P112 was updated via addendum No.1 to show the correct controls for the fan. The controls are furnished by the contractor and shall comply with the electrical specifications. |
| 9 | The drawings referenced show Level Transducers connected to the vendor supplied screen control panels. These instruments are also on the Instrument Index. Are these instruments supplied by the screen vendor? | 16931 Instrument List | P121 & P122 | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | Refer to the Duperon quote and scope of supply for the full list of instruments and controls supplied with the equipment. Note that Duperon quote was updated via Addendum No.1. |
| 10 | Please confirm that LSL3201 is furnished by the Generator vendor? The instrument is listed on the index. | 16931 Instrument Index | P320 | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | Low Level Fuel float shall be furnished by generator vendor and included as part of generator fuel tank. |

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| 11 | Is the LSSL/HH 6052 furnished by the Hydropneumatic Tank vendor | | P600 | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | Level sensors LSSL/HH 6052 are not needed and will be removed via Addendum No.1 from the project. |
| 12 | I could not find the Programmable Controller I/O List that is described in this section. Please direct me to it, or provide a copy? | 16932 | | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | Updated IO schedule is included in the Addendum No.1. |
| 13 | Please provide a manufacturer and model for the panel mounted "Joystick Mouse" shown on front door of CP-1. | 16931 | E025 | 9/19/2017 | Mark A. Woolf Automated Control & Technical Services | Reference updated E025. Joystick was deleted from DWG and Specifications via Addendum No.1. |
| 14 | System "C" 100% Solids Epoxy: Coat all interior concrete surfaces below top of slab or wall of all structures including influent pump station splitter box, influent pump station wetwell, screening channel splitter box, screening channels, parshall flume channel and existing recirculation pump station influent channel (parshall flume outlet box). Plant drain systems manholes shall also receive coating. (There is an existing manhole). | Section 09900B-19 3.13 FINISH SCHEDULE C. | | 9/20/2017 | Ed Morones, Jeffco | The existing recirculation channel and manhole do not need to be coated. The specification 09900 will be updated via Addendum No.1 |

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| 15 | Type of coating: 100% Solids Epoxy (Hydropox or Plasite 4500S – See Section 02601) 4. Continues with instruction for the application of Hydropox and there is no reference to specifics for Plasite. Is Hydropox to be used? If not, what would the requirements be for Plasite 4500S? | 09900B-5 C. System C 1. | | 9/20/2017 | Ed Morones, Jeffco | For Carboline product Plasite 4500S use manufacturer recommended primer for concrete and apply 80 mil finish coat. The specification will be updated via addendum to include this information. |
| 16 | Drawing number P002 shows two Comm Panels - one at the Admin. Bldg. and one at the Headworks. Are these panels new or existing? If they are New, are they to be furnished by the System Integrator? Is there a drawing that designates a BOM and size/type for these panels? Can you please provide a specification for the Auto Dialer shown? | | P002 | 9/26/2017 | Mark A. Woolf Automated Control & Technical Services | Communication panels shown on E100 - Admin Bldg and E110 - Headworks are new provided and installed by contractor. Refer to E034 for Typical Communication panel detail. Refer to Spec section 16931. |
| 17 | Conduits associated with equipment located on the deck of the influent/headworks structure (e.g. C114 & P11) are drawn as being underground conduits. However, this is a cast-in-place concrete deck. Also, E110/Note 12 cites a trenched conduit detail (A1152/C1152) for conduits shown being within the cast-in-place concrete deck. An additional note, number 11, on E110 shows detail of disconnect mounting but does not show routing of line side conduit. How are conduits to be routed across the deck of the structure to the equipment (from the underground pull boxes)? Of particular concern are the 3" conduits running to each of the pump disconnect switches. Please clarify and provide detail drawing. | | | 9/27/2017 | Mike Wolfe, A- C Electric Co. | Route underground conduits via North-East wall. Reference drawings E110 & E120 updated via Addendum No.1. |