

5 December 2016
Lake County Multi-Department Storage Facility

DOCUMENT 00 9001 – ADDENDA NO. 1

1.1 PROJECT INFORMATION

- A. Project Name: Lake County Multi-Department Storage Facility
- B. Owner: Lake County Government
- C. Owner Bid Number: 16220
- D. Architect: Williams Architects
- E. Architect Project Number: 2016-008
- F. Date of Addendum: December 5, 2016

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids the same time and location.

1. Bid Date: **December 15, 2016**

1.3 REVISIONS TO BID 16220 – GENERAL CONTRACTING SERVICES FOR LAKE COUNTY MULTI-DEPARTMENT STORAGE FACILITY

- 1. Section C, *Requested Base Bid Price Alternates, Unit Prices, and Allowances*, page 5, *Owner Directed Allowances*, delete the specific allowance references at this location of the Bid Documents and provide allowances as identified in Section 01 2100 Allowances. Total Allowance to be included in the Base Bid is \$89,000 (Eighty-Nine Thousand Dollars).

1.4 REVISIONS TO DIVISION 01 GENERAL REQUIREMENTS.

- 1. None

1.5 REVISIONS TO DIVISIONS 02 – 33

- A. Section 03 4100 Precast Structural Concrete, Article 2.11, Paragraph A, delete and revise to read “Expanded polystyrene board insulation, minimum R-value of 4.6 per inch. Minimum insulation thickness is four inches. **SPECIAL NOTE:** Overall precast panel thickness shall remain twelve-inches (one foot) as detailed on the Drawings. However, the panel may be composed of 4-inches of exterior concrete, 4-inches of insulation, and 4-inches of interior concrete. Minimum composite panel R-value shall be 16.5.

- B. Section 04 2200 Concrete Unit Masonry, Article 2.3, delete; all lintels shall be steel per Drawing S0.0, Lintels
- C. Section 05 1200 Structural Steel Framing, delete paragraphs A, B and C.
- D. Section 06 4116 Plastic Laminate Faced Architectural Cabinets, Article 1.6, paragraphs A and B, participation and certification is not a requirement for this Project. However, fabrication and installation shall be in compliance with AWI Standards and requirements.
- E. Section 08 3613 Overhead Doors:
 - 1. Article 2.2, paragraph B, Item 3, revise exterior skin to 20-gauge.
 - 2. Article 2.2, paragraph B, Item 8, revise to read "standard"
 - 3. Article 2.3, paragraph I, delete references to 1, 2 and 3 and after the word enclosure substitute with the following "rated water tight / dust tight."
- F. Section 08 7100 Hardware, remove the Section in its entirety and insert the revised Section which includes the Hardware Sets and the Set locations.
- G. Section 08 8000 Glazing:
 - 1. Article 2.12, Paragraph A, delete.
 - 2. Article 2.12, Paragraph B, delete Glass Type GL-2 reference; insert Frame Type F and Door Type 2
 - 3. Article 2.12, Paragraph C, delete
 - 4. Article 2.13, Paragraph A, delete Glass Type GL-4 reference; insert Frame Type E
 - 5. Article 2.14, Paragraph A, delete Glass Type GL-5 reference; insert Frame Types G, H and I (eye) and Door Type 1
- H. Section 12 3553.13, Article 2.9, Paragraph C, Item 2b, delete the word "drop-in" including references and insert "under-mount".
- I. Section 28 1100 Access Control System, Article 2.6, Paragraph A, Item 1, delete the last sentence and insert "Provide 100."

1.6 REVISIONS TO DRAWING SHEETS

- A. Sheet G1.2
 - 1. Firestop all penetrations through the rated assemblies shown on this Drawing. Affix labels to all firestopping penetrations per 07 84 13.
- B. Sheet Civil 3 of 15:
 - 1. Paving Notes, Flexible Paving, binder thickness shall be 2-1/2-inches as Detailed.
- C. Sheet A1.1:
 - 1. Ground Floor Plan.
 - a. Evidence Garage – Revise location of trench drain from 3'-6" to 4'-0"
 - b. Floor Plan Key Notes, add #14 – All fire extinguishers (FE) are furnished and installed by the Owner
- D. Sheet A4.1:
 - 1. Applicable to all Exterior elevations, low voltage systems device locations shall be as shown on the Low Voltage Series Drawings.

- E. Sheet A7.2
 - 1. Details 9 and 17, delete reference to masonry bond beams; all lintels at openings shall be steel as noted on the Structural Drawings, particularly S0.0 "Lintels".
- F. Sheet A8.1:
 - 1. Plan Detail 1, Evidence Drop-Off 01013, east wall, designate as A3 over precast panel and south wall as A2 over concrete block. Framing and drywall terminate 6-inches above ceiling.
- G. Sheet A8.3:
 - 1. Elevations 1, 2, 9 and 18, all countertops in the Fuming/Drying/Processing Room are *Durcon* epoxy resin as specified in Section "Metal Laboratory Casework".
 - 2. Elevations 10 and 11, the island casework countertop is *Durcon* epoxy resin.
- H. Sheet A9.3
 - 1. Door Type Legend, Type 11, delete reference to glazing.
 - 2. Sectional Overhead Garage Door Schedule, Notes, (1) delete reference to security film (not required), (2) delete basis-of-design (see specifications) and (3) glass panel size is manufacturer's standard 24 x 12.
 - 3. Section Overhead Garage Door Schedule, Options, Auxiliary Contacts, for clarification, this pertains for auxiliary opening and close limits.
 - 4. Glass Key Legend, Type GL-2, revise to read "1/2-inch insulated tempered glass"
- I. Sheet S2.0,
 - 1. Detail 8, revise horizontal wall reinforcement to 16-inches on center.
- J. Sheet P1.1,
 - 1. Fuming/Drying/Processing 01012, delete reference to sink SK-1 and designate as SK-2. SK-2 is a *Durcon* epoxy resin under-mount sink provided by the Division 12 Metal Laboratory Casework supplier including tailpiece and strainer and, installed by the Plumbing Contractor. Plumbing Contractor to furnish and install Chicago Faucet 786-GN8BVBE7CP and accessory installation items.
 - 2. Add the following Drawing Note: "Division 25 shall provide a starter equal to Franklin BAS-1P to allow for HOA control. Division 25 shall provide a current transducer to read amps. See Division 25 for details. All wiring shall be in blue conduit. Division 25 shall control CP-1 from a schedule that is set to run the pump from 0700 to 2000. See Drawings for locations and quantities. When there is a call for the pump to run based on tank temperature below the setpoint and the amp reading is zero for 2 minutes (user settable), generate an alarm at the Front End. Division 25 will use the current transducer to calculate kW and kWh. Report this data to the heating system energy dashboard for the project."
 - 3. Add the following note to the Water Meter: "Water meter shall come with a pulse head so Division 25 can pick up the pulse point and can count the pulses to determine water consumption. The water meter pulse head requires power to operate. Division 26 shall provide 120 V power to within 3 ft. of the meter. Division 25 shall provide a transformer suitable for powering the pulse head"
- K. Sheet P2.1
 - 1. Refer to Equipment Schedule - Delete reference to "Honeywell Aquastat" and add the following Note: "Division 25 will control the recirc pump CP-1 per the Drawing P1.1 Addendum note. Division 25 shall enable and disable the DHW per the schedule set by
 - 2. Refer to Note 25: Raise DHW temperature to 140 F minimum to reduce the possibility of Legionella growth and make consistent with Note 23.

3. Refer to the Detail - Gas-Fired Power Direct Vent Water Heater.
 - a. Division 25 Section 25 09 22.11.23 covers the controls Work for the recirc pump CP-1.
 - b. Division 25 Section 25 09 22.33.00 covers the controls Work for the gas-fired DHW.

- L. Sheet M1.1,
 1. Add Note 8 to read as follows: Division 25 shall install building static pressure sensor on RT-2 (also referred to as RTU-2 in the Contract Documents) per Manufacturers specifications. This sensor shall control the building static pressure per the Division 25 sequence of operations.

- M. Sheet M2.0.
 1. Ductless DX Fan Coil Unit Schedule, for clarification, the notation of "Alternate Bid" is in reference to identifying an acceptable alternate product and manufacturer. It is **not** an Alternate Bid to the Base Bid.
 2. Refer to Duct Heater Schedule. Division 25 Section 25 09 23.55.13.19 covers the controls Work for the electric duct heaters.
 3. Refer to Gas-Fired Unit Heater Schedule. Division 25 Section 25 09 23.82.39 covers the controls Work for the gas-fired unit heaters.
 4. Refer to Roof Mounted Gas-Fired Heater Schedule. Division 25 Section 25 09 23.82.39 covers the controls Work for the roof mounted gas-fired heaters.
 5. Refer to Ductless DX Fan Coil Unit and the Split System Schedules. Division 25 Section 25 20 23.81.23 covers the controls Work for the ductless DX fan coil unit and the split system equipment called up in these schedules.
 6. Refer to Vehicle Exhaust Detection Schedule. Division 25 Section 25 20 28.33 covers the controls Work for the Tox-Alert (or approved equal) gas detection system.
 7. Refer to Exhaust Fan schedule:
 - a. Change Note 8 as follows: Division 25 is responsible for controlling this EF per the sequence of operations outlined in this Addendum.
 - b. Change Note 9 as follows: Division 25 is responsible for controlling this EF per the sequence of operations outlined in this Addendum.

- N. Sheet M2.2,
 1. Division 25 Section 25 09 23.55.13.16 covers the controls Work for the gas-fired radiant heaters.

- O. Sheet E1.1,
 1. Refer to Note 32. Change as follows: Provide Franklin EMS with BACnet MS/TP enclosed controller for exhaust fan EF-2. See Division 25 for sequence of operation.

- P. Sheet E1.2,
 1. Add Note 9. Provide Franklin EMS with BACnet MS/TP enclosed controller for exhaust fan EF-11. See Division 25 for sequence of operation. Delete reference to "t'stat operated".

- Q. Sheet E2.1,
 1. Replace Fire Alarm Control Panel Note that reads" Fire Alarm System shall have BACnet cards for network interface connection" with "Provide each FACP with a BACnet/IP BACnet Interface Device installed at the factory. See Division 25 for details."

- R. Sheet E4.2,
1. Refer to Detail – Typical Gas Detection System. Division 25 Section 25 20 28.33 covers the controls Work for the Tox-Alert (or approved equal) gas detection system. This system is a BACnet MS/TP system.
- S. Sheet T1.1, Add IP drops for BACnet/IP devices in the following locations. All work shall be in conduit".
1. Ductless Split system(s) – BACnet/IP. Locate in 01003 per Note 18 on M1.0.
 2. BAS panel – BACnet/IP. Locate in 01003.
 3. IP data drop beside BAS panel. Locate in 01003.
 4. Modbus to BACnet gateway for the Trip Units – BACnet/IP. Locate drop beside MDP.
 5. FACP(s) – BACnet/IP Locate in Mechanical Room.
 6. Lighting Segment Manager – BACnet/IP (part of Lighting System Alternate Price). Assume that this device will be located in 01003.

1.7 This Addendum included the following attached Sheets.

1. None.

1.8 This Addendum included the following attached Specification Sections

1. Section 08 7100 Hardware

END OF ADDENDUM 1