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# BIDDERS BULLETIN

**PROJECT:** Brodstone Memorial Hospital
Specialty Clinic & PT Pool Additions
Superior, Nebraska

**BULLETIN NUMBER**
BB-2

**ISSUED BY:**
Grant Creager

**PROJECT #:** 15-1015

**DATE ISSUED:** April 5th, 2016

*This bulletin is issued by the Architect to all known bidders before receipt of proposals, for the purpose of explaining, interpreting, or modifying the original plans and specifications. When enumerated by the bidder upon the proposal sheet, the information or instructions given hereon will be equally binding upon all parties as if included in the original plans and specifications.*
**BIDDER MUST ENTER THE NUMBER OF THIS BULLETIN ON HIS PROPOSAL SHEET**

## GENERAL INFORMATION

1. ~~

## THE FOLLOWING ITEMS ARE APPLICABLE TO THE SPECIFICATIONS

**BB-1, ITEM #1: Substitutions**

The following products and manufacturers will be considered approved equal for the products in which they are listed below. However, this does not relieve the supplier from providing equipment as specified, and if equipment is submitted which does not meet the intent of the specifications, it will in fact be rejected.

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**BB-2, Item #2: In reference to Section 23000, Security – Access Control** (listed at this location in lieu of the electrical portion of this addendum)

In addition to providing a card reader HID Proxpro with Keypad 5355 proxy reader at doors A111, A116, A131a, A208, A216, A222a, D111 & in the elevator cab, provide one EIDC 32 and one relay 16 to be located in the elevator mechanical equipment room A014. The elevator timing system is to be set up on the access control side with the above listed system. See electrical plans for power at these locations.

## THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS:

**BB-1, Item #3; Drawing Sheet A1021 – Wall Types & Elevations**

*Window type W8 elevation is the window type in Exam A101, Exam A102, Exam A103, Exam A106, Exam A107, Exam A124, Exam A125 & Exam A126 for a total of 7 window type W8.

**END OF BB-2,** See Attachments. Mechanical & Electrical comments attached separately.

| | | | |
|---|---|---|---|
| DATE ISSUED | 4/5/2016 | ADDENDUM # | 3 (BB-2) |
| ENGINEER | Engineering Technologies, Inc.<br>825 M Street, Suite 200<br>Lincoln, NE 68508 | PROJECT | Brodstone Hospital – Clinic & PT Pool Addition |
| | | ETI PROJECT # | 2015-100 |

The Architect issues this Addendum to all known bidders before receipt of proposals. Bidder shall acknowledge the receipt of this addendum on their proposal sheet and all information contained herein shall become a part of the contract documents.

## ADDENDUM:

**SPECIFICATIONS – MECHANICAL**

1. Section 22 6005
   A. Med Gas and Vacuum Pipe and Fittings: Allow "Lokring" non brazing pipe fittings for Oxygen and Vacuum.

**SPECIFICATIONS – ELECTRICAL**

2. Section 26 2100
   A. Electrical Service Entrance – include in bid, any utility company aid-to-construction costs, that might be incurred, to provide new electrical service (s), to the facility.

3. Section 26 2419
   A. Motor Control Centers - Siemens shall be an acceptable manufacturer of motor control centers.

4. Section 27 5124
   A. Intercom Systems - Airphone shall be an acceptable manufacturer of intercom systems.

**DRAWINGS – ELECTRICAL**

1. Sheet E001 Site Plan - Electrical
   A. Delete Sheet Note 5 in its entirety and replace with "Remove TV, telephone, and fiber optic service cables and conduits. See TV/Telephone/Fiber Service Riser Diagram on Sheet E501."
   B. Delete Sheet Note 6 in its entirety and replace with "New pullbox and underground TV, telephone and fiber optic service. See TV/Telephone/Fiber Service Riser Diagram on Sheet E501."

2. Sheet E101d, Main Level Area "D" Electrical Demolition Plan:
   A. Remove 4"x 6"x 8"Sanigizer j-box, in southeast corner of Mechanical Equip 154, to allow for new door opening to Electrical D118. Currently there are four (4) 1/2" conduits, extending overhead, and one (1) 3/4" conduit that extends underground from the j-box, with 3-10/3 UF type cables. Existing circuits for helipad lighting, south awning and bollards, outside lights, and photocell shall be extended to a new j-box. Field verify exact requirements.
   B. Existing automatic transfer switches ATS-CR, ATS-EQ, and ATS-LS are located in Mechanical Equip. 154A, on south wall, adjacent to Panel ECR.

3. Sheet E212A, Second Level Area "A" – Lighting:
   A. Office A204: Change two (2) Type 36 light fixtures to Type 29 light fixtures.
   B. Office A205: Change two (2) Type 36 light fixtures to Type 29 light fixtures.

4. Sheet E310A, Lower Level Area "A" – Electrical:
   A. A new fire sprinkler service will be installed in Storage A003. Connect associated flow and tamper switches to existing fire alarm system.

5. Sheet E311d, Main Level Area "D" – Electrical:
   A. Existing automatic transfer switches ATS-CR, ATS-EQ, and ATS-LS are located in Mechanical Equip. 154A, on south wall, adjacent to Panel ECR.



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6. Sheet E400, Electrical Schedules:
   A. Reference LMSD switchboard schedule:
      a) ATS-EQ/MCCE shall require one (1)3-1/2” conduit, in lieu of two.
      b) Change kAIC RMS rating for Panel H and I to 25kAIC.

7. Sheet E401, Details and Schedules:
   A. Change kAIC RMS rating for motor control center MCCA to 25kAIC.

8. Sheet E501 Electrical Riser Diagrams
   A. Reference TV/Fiber Service Riser Diagram:
      c) Rename TV/Fiber Service Riser Diagram, to TV/Telephone/Fiber Service Riser Diagram
      d) Delete Sheet Note 3 in its entirety and replace with “Install three (3) 2 1/2" conduits at 30” below finished grade with warning tape above at 12” below grade for TV/Telephone/Fiber Service Cables. Install existing TV cable in one of the conduits, existing telephone cable in one of the conduits and existing fiber cable in the remaining conduit.
      e) Delete Sheet Note 6 in its entirety and replace with “Sleeves three (3) through wall. Core drill masonry walls as required for conduits. Seal water tight around conduit wall penetrations and seal ends of conduits with insulation after installation of cables.
   B. Reference Switchboard “LMSD” Electrical Riser Diagram. The following is a proposed phasing plan, for installation of Switchboard LMSD and subsequent demo of Switchboards MS and EEQ:
      a) Electrical Room D118 shall be constructed, prior to construction of the PT addition.
      b) New Switchboard LMSD and associated utility company pad mounted transformer shall be installed and energized.
      c) Existing feeder to ATS-EQ shall be removed and new feeder shall be installed. Existing Switchboard EEQ shall remain in service, until new MCCE is installed.
      d) Transfer designated loads, from existing Switchboard MS, to new Switchboard LMSD.
      e) Remove existing feeder to Switchboard MS. Remove switchboard CT, main, and distribution sections (2) and west motor control center section. Provide a temporary feed, to the motor control center section, that will need to remain in service, until new MCCA is installed.
      f) Install new MCCA, on existing housekeeping pad, and transfer loads from Switchboard MS motor control section to new MCCA. Remove remaining motor control center section.
      g) Existing Switchboard MDP underground secondary service shall be removed and new feeder shall be installed. Remove existing utility company pad-mounted transformer. The utility company may utilize the existing pad-mounted transformer for new Switchboard LMSD. If so, then this would be combined with the second step of the proposed phasing plan.
      h) Install new MCCE on existing housekeeping pad and transfer loads from Switchboard EEQ to MCCE. Remove Switchboard EEQ and associated feeder.

      This phasing plan may be modified, as required to minimize down time and disruption of services. Contractor shall provide temporary circuits or feeders as required and may utilize the existing standby generator as a temporary source of power, during outages. All work shall be coordinated with the utility company and owner. Contractor shall submit their proposed phasing plan to the engineer for review, prior to installation of equipment.

   C. Reference Switchboard LMSD Electrical Riser Diagram:
      a) Feeder from Switchboard LMSD to Switchboard MDP shall be four (4) sets of 4-350 MCM conductors and a 3/0 gnd., each set in a 3” conduit.
      b) Change note 17 to read “Change GE Power Break II Power Plus rating plugs to 1200 amp units. Install plugs and adjust breaker, in accordance with manufacturer’s instructions.”

9. Sheet E502, Electrical Riser Diagrams & Symbols
   A. Reference electrical riser diagram:
      A disconnect is not required as soon as the service entrance conductors come up from underground. By code, the disconnecting means needs to be installed nearest the point of entrance of the service conductors, but the service conductors are still considered outside the building if they are encased in at least 2 inches of concrete. The main disconnect in switchboard LMSB satisfies this requirement.

END OF ADDENDUM



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