

This addendum is hereby made a part of the contract documents to the same extent as though it were originally included therein. Specifications and drawings shall be considered modified or revised as hereinafter described. Revisions to the drawings are referenced by the drawing number.

General Information

1GI1. Mandatory Pre-Bid Meeting Agenda and Attendance Roster

1. See the attached agenda and attendance roster from the mandatory pre-bid meeting that was held on December 20, 2023.

1GI2. Conduit Seal Offs

1. Question: Are conduit seal offs required for this project?
2. Answer: Yes, new controls conduit penetrations made into the BSL 3 lab for the AFMS-2 are to be fitted with airtight seal off fittings as they enter each room as noted in Flag Note 6 on Sheet E100. Each new conduit penetration shall also be covered with a rectangular, flat stainless steel escutcheon plate to match the existing conditions. Further clarification on the general use of controls conduit seal off fittings is provided in this addendum under Sheet M000.

Changes to the Mechanical Specifications

Specification Items:

1MS1. Section 233100 – HVAC Ducts and Casings

1. Page 233100 – 5: Add Subparagraph 2.5.A.16. as follows:

“16. Spiral Pipe of Texas.”
2. Page 233100 – 5: Update Subparagraph 2.5.C.1.a. as follows:

“a. Insulation:
 - 1) Thickness: 1.75 inch.
 - 2) Material: Segmented phenolic board with outer foil scrim barrier.
 - 3) Insulation K Value: 0.083 Btu/hr/ft²/deg F.
 - 4) Insulation Density: 3.5-lb/cu. ft.”
3. Page 233100 – 6: Add Subparagraph 2.5.D.3. as follows:

“3. Transverse Duct Connection System:
 - a. SMACNA "E" rated rigid class connection, interlocking angle and duct edge connection system with sealant, gasket, cleats, in accordance with SMACNA (DCS). Provide stainless steel materials and fasteners to match duct construction.

- b. External welded angle rings joined with stainless steel bolt connections. Provide stainless steel materials and fasteners to match duct construction.”

1MS2. Section 234000 – HVAC Air Cleaning Devices

- 1. Page 234000 – 3: Add Subparagraph 2.5.A.4. as follows:

“4. Contamination Technology Corp.”

1MS3. Section 237433 – Packaged Heating and Cooling Makeup Air Units

- 1. Page 237433 – 2: Add Paragraph 2.2.F. as follows:

“F. Greenheck.”

Changes to the Mechanical Drawings

1MD1. Sheet M000 – Mechanical Symbols, Abbreviations and General Notes

- 1. Add HVAC General Note 15 as follows:

“15. Controls conduit penetrations made into rooms Anti-Room 002A, Wash Area 002B, BSL III 003A, and Lab 003B are to be fitted with airtight seal off fittings as they enter each room. Each new conduit penetration shall also be covered with a rectangular, flat stainless steel escutcheon plate to match the existing conditions.”

1MD2. Sheet M300 – Mechanical Schedules

- 1. Ductwork Construction and Testing Schedule: Update as follows:

A. Supply Air “Duct Material” shall be “SS Double Wall” instead of “GS”.

B. Supply Air “Accessory Material” shall be “SS” instead of “GS”.

- 2. Makeup Air Unit Schedule (Electric Pre-Heat and Gas Heat): Add Remark 11 as follows:

“11. Provide cottonwood seed filters with mesh vinyl coated polyester which is UV, mold, mildew, and flame resistant and mount with quick release fasteners over the condenser coil air inlet and over the outdoor air inlet.”

Changes to the Electrical Drawings

1ED1. Sheet E101 – Roof Plans – Electrical

- 1. Flag Notes: Revise Flag Note 11 to delete reference to the Isolation Damper Transformer(s).



2. Electrical contractor shall provide 208V power to the isolation damper transformers at the new exhaust fans. This power wiring shall be fed directly off of the associated local disconnect switch serving each fan. Liquidtight flexible metal conduit is acceptable for installation of this wiring.

END

PAB-CAH



Jim Pillen, Governor

Pre-Bid Conference

State Lab BSL3 Make-Up Air Handling Unit Replacement (12/20/23) at 2:00 PM

Agenda

1. Introductions and mandatory Pre-Bid Conference Sign-In Sheet
2. Project's Scope of Work Overview.
3. Bid Opening
 - a. Bid Due date: 1-9-23 at 2:00 PM (CT)
 - b. Bid Opening Location: DAS/State Building Division, 1526 "K" St., Suite 160, Hurst Room.
 - c. Bid Proposals to be mailed or delivered to DAS / State Building Division, 1526 K Street, Suite 160, Lincoln, NE 68508 by 2:00 PM (CT) on 1-9-24 bid deadline.
 - d. Late Bids will be returned unopened.
 - e. No Bids withdrawn for 60 days after date of opening.
 - f. No e-mailed or faxed bids will be accepted.
 - g. Proposal Form includes Base Bid and Bid Alternates.
4. Bid Documents: Prepared by Alvine Engineering a PDF or hard copy may be obtained upon request at A&D Technical Supply.
5. Bid Security:(5%) Bid Bond, Cashiers' Check, or Certified Check in the amount of 5% of the bid.
6. Addenda/Interpretations:
 - a. Addenda will be issued incorporating updates generated up to 6 days prior to bid, with the Pre-Bid Conference sign-in sheet. The Final Addendum to be issued on 1-3-24.
 - b. Written requests for information to be e-mailed to by 1-2-23, 1 calendar days prior to the final Addendum.
7. Insurance coverages and Certificate of Insurance will be required as stated in Pages GC-5, 6 and 7 of 16 of the Project Manual General Conditions and Pages 4, 5 and 6 of 14 in the Construction Proposal and Agreement.
8. Nebraska State Fire Marshall and State Electrical Inspections and Permits are required.
9. Nebr. State Patrol Criminal Background checks are required.
10. Perform work between the hours of 8:00 AM and 5:00 PM on Monday through Friday excluding government holidays.
11. All project documentation including Pay Apps., Product Submittals, RFI's, etc. to be submitted to Paul Bauman / Alvine Engineering for distribution and review.
12. Construction Phasing Schedule: Coordinate construction schedule and start of construction with SBD and BSL3 lab users following delivery of MAU and new exhaust fans depending on accepted Bid Alternates.
13. Pre-Bid Project Walk-Thru.

Brent Flachsbart, Administrator

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State of Nebraska – Nebraska State Lab Makeup Air Unit Replacement for BSL-3 Lab
December 20, 2023

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Alvine No. 2023 9890