

MISSOURI DEPARTMENT OF CONSERVATION
DESIGN & DEVELOPMENT

ADDENDUM NO. 1

TO THE SPECIFICATIONS, PROPOSAL, CONTRACT AND BOND

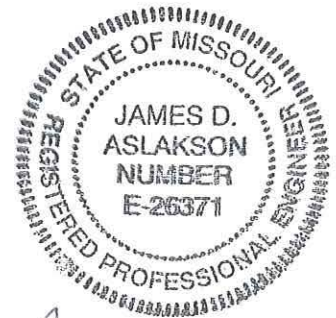
FOR THE

CONSTRUCTION OF

**GORMAN (THE ANITA B) CONSERVATION DISCOVERY CENTER
HVAC CONTROLS REPLACEMENT**

JACKSON COUNTY, MISSOURI
PROJECT JOB NUMBER: 97-06-18

BID DATE: MAY 15, 2019



James D. Aslakson
5-7-19

Jacob D. Careaga

Jacob D. Careaga, P.E.
Design & Development Division Chief

May 8, 2019

Date Signed

PRE-BID MEETING MINUTES
 GORMAN (THE ANITA B) CONSERVATION DISCOVERY CENTER
 HVAC CONTROLS REPLACEMENT
 11:00 a.m., Thursday, May 2, 2019

Attendees:

| | |
|--|--|
| Brian Ericksen Control Service Company 3621 NE Akin Lee's Summit, MO 64082 PH: 816-491-4023 Estimating@controlservice.com | |
| James D. Aslakson, P.E, Project Manager Missouri Department of Conservation 2901 W. Truman Blvd. Jefferson City, MO 65109 PH: 573-522-4115, Ext. 3767 FX: 573-522-2324 Jim.Aslakson@mdc.mo.gov | Chris Theis, Constr. & Maint. Superintendent Missouri Department of Conservation 12405 SE Ranson Road Lee's Summit, MO 64082 PH: 816-525-0300, Ext. 1244 FX: 816-622-0205 Chris.Theis@mdc.mo.gov |
| Allen Ledbetter, Maintenance Supervisor Missouri Department of Conservation 4750 Troost Avenue Kansas City, MO 64110 PH: 816-759-7305, Ext. 1135 FX: 816-759-7333 Allen.Ledbetter@mdc.mo.gov | Megan Madsen, Facility Maintenance Technician Missouri Department of Conservation 4750 Troost Avenue Kansas City, MO 64110 PH: 816-759-7305, Ext. 1158 FX: 816-759-7333 Megan.Madsen@mdc.mo.gov |
| Brian Knipp, Maintenance Supervisor Missouri Department of Conservation 12405 SE Ranson Road Lee's Summit, MO 64082 PH: 816-622-0900, Ext. 1235 FX: 816-622-0205 Brian.Knipp@mdc.mo.gov | Sandy Payne, Contract Specialist Missouri Department of Conservation 2901 W. Truman Blvd. Jefferson City, MO 65109 PH: 573-522-0136 FX: 573-522-2324 Sandy.Payne@mdc.mo.gov |

1. Sandy Payne, Contract Specialist, opened the meeting at 11:00 a.m. by welcoming the Contractors and introducing the Missouri Department of Conservation members who were in attendance. Sandy Payne then covered the following information in Division "0".

Highlights of Division 00

- a. Bids will be received May 15, 2019, at 2:00 pm, at the Missouri Department of Conservation, P.O. BOX 180, 2901 West Truman Blvd., Jefferson City, MO 65102.
- b. Drawings, specifications and other related contract information can be obtained at American Document Solutions, telephone number (573) 446-7768.
- c. For projects that exceed \$75,000, the contractor shall pay not less than the prevailing hourly rate of wages as determined by the Missouri Department of Labor and Industrial Relations. Weekly certified payrolls on our forms are required for this project, for the Contractor and all subcontractors. See 001113 item 8.1 and 005100 Article 5 for details. Also 007000 – Article 27.

- d. Bids have to be on our forms supplied with the plan set. Bids shall be submitted in the sealed envelope provided. Each space of this form needs to be properly filled. The bidder should submit the bid in their full legal company name and be signed by a person with legal signature authority for the company. Proposals submitted under a fictitious name will not be considered. See 002113 Article 1, 5 and 6 for details.
- e. All proposals shall be accompanied by a 5% bid bond, put into effect by the bidder and a duly authorized surety company or, certified check, cashier's check or bank draft made payable to the Missouri Department of Conservation. See 002113 Article 5 for details. Also 004113 item 3.1.
- f. Bidders shall be responsible for actual delivery of proposals during business hours, and it shall not be sufficient to show that a proposal was dispatched in time to be received before scheduled closing time for receipt of proposal. See 002113 Article 7 for details.
- g. Bidder's proposal price shall include all city, state and federal sales, excise and similar taxes which may be lawfully assessed in connection with the performance of work and purchase of materials to be incorporated in the work. See 002113 Article 7 for details. (This project is not tax exempt.)
- h. The contractor shall furnish a performance/payment bond in an amount at least equal to 100% of the contract price as security for the faithful performance of the contract. See 007000 Article 12 for details.
- i. Each bidder must submit as part of the bid proposal, a list of subcontractors and material suppliers to be used in performing the work. This list should have each company's full legal name. See 002113 Article 15 for details.
- j. For bids in amounts greater than or equal to one hundred thousand dollars (\$100,000), the bidder shall have as a goal not less than 10% MBE AND 5% WBE of the awarded contract price to MBE/WBE(s). See 002113 Article 17 for details.
- k. The successful Contractor shall procure and maintain for the duration of the contract insurance for the protection of both the Contractor and the Owner. The Owner requires certification of insurance coverage from the Contractor prior to commencing work. See 007000 Article 21 for details.

It is highly recommended that you confer with your insurance broker/agent or other insurance company representative, prior to submitting your bid, to determine that availability and applicable cost, if any, of certificates, endorsements, coverage, and limits required.

Note: Flood, and Earthquake insurance will not be required for this project.

- l. No telephonic, telegraphic, electronic mail, facsimile (FAX), or similar bid transmission will be accepted or allowed. See 002113 Article 7 for details.
- m. The Owner reserves the right to reject any and/or all bids. See 002113 Article 10 for details.
- n. Requests for interpretation shall be made in writing and submitted with all supporting documents not less than seven days before opening of bids. See 002113 Article 4 for details. (Transmission of this request to us can be by mail, e-mail, or by fax.).
- o. Must be on the list of bidders having made a payment for plans and specifications to be eligible to bid. See 002113 Article 3 for details.
- p. The 10 hour OSHA Safety Training as per MO. Revised Statutes 292.675 is required for this project. See 002113 Article 10 for details. Also 005100 Article 6.
- q. RSMo 285.525 and 285.530 requires the successful bidder to enroll and participate in a federal work authorization program in order to be eligible to receive award of any state contract in excess of \$5,000.00. Submittal of Document – 006350 Affidavit of Work Authorization and appropriate documentation is required before the award of any contract. See 002113 – Article 10 E for details.
- r. Personnel certification(s) as required in the specifications shall be submitted to and then approved by the Owner's Project Manager before commencing work. See 007000 Article 13 for details.

2. Jim Aslakson, P.E., Project Manager, discussed and summarized the scope of the project.

QUESTIONS AND RESPONSES

1. **Question:** Do you want all new wiring?
Answer: Yes.
2. **Question:** Will existing sensors and wiring need to be replaced?
Answer: Yes. There is a 4" conduit that can be used to pull wiring across the lobby from one side of the building to the other.
3. **Question:** Does all wiring need to be in a conduit?
Answer: No. Where there is a dropped ceiling and mechanical spaces wiring can be in a conduit and then exposed with plenum rated cable above 8'.
4. **Question:** Can we get a listing of the existing equipment?
Answer: Yes, the existing equipment list is attached at the end of this addendum.
5. **Question:** In the greenhouse, is a regular, not water-resistant thermostat acceptable?
Answer: Yes.
6. **Question:** Are there controls on the heat pumps now?
Answer: Yes, they are an Andover System.
7. **Question:** Will the existing controls need to be removed?
Answer: Yes.
8. **Question:** In the greenhouse are all controls on the Andover System?
Answer: No.
9. **Question:** Can work take place during day time hours?
Answer: Yes, on Mondays there are no classes on the classroom side.
10. **Question:** Do you have a contact for additional site visits?
Answer: Allen Ledbetter, Maintenance Supervisor, at 816-797-4500.

SPECIFICATIONS

1. **CHANGE – Specification Section 239850, 1.3, A.2., b. paragraph 2**
FROM: When the space temperature drops below unoccupied heating setpoint of 62° F (adjustable) to maintain the space temperature setpoint.
TO: When the space temperature drops below unoccupied heating setpoint of 62° F (adjustable) to maintain the space temperature setpoint. **The existing electric resistance duct heater will need to be controlled and turned on as a second stage of heat in this area. The thermostat that controls HP-14 and the duct heater can be placed in the return ductwork for this area.**

2. CHANGE - **Specification Section 239850, 1.3, B.2.**

FROM: Air to Air Heat Pump

Space Temp.
Supply Air Temp

Fan On/Off
Heat/Cool mode
Heat/Cool On/Off
Electric heat On/Off

TO: Air to Air Heat Pump

Space Temp.
Supply Air Temp

Fan On/Off
Heat/Cool mode
Heat/Cool On/Off
Electric **Duct heater** ~~heat~~ On/Off

Gorman (The Anita B) Conservation Discovery Center Heat Pump List

| UNIT # | LOCATION | MANUFACTURER | MODEL # | SERIAL # |
|--------|----------------------|---------------|--------------------|---------------------------------------|
| HP-1 | Mechanical Room #106 | Water Furnace | P056TL400CADSSA | QL1084 |
| HP-2 | Mechanical Room #106 | Water Furnace | VX095TL401CASSA | QK1345 |
| HP-3 | Mechanical Room #106 | Water Furnace | VX120TL401CASSA | QK1334 |
| HP-4 | Mechanical Room #106 | Water Furnace | VX180TR411CASSA | QK1337 |
| HP-5 | Mechanical Room #125 | Water Furnace | P056TL400CADSSA | QL1085 |
| HP-6 | Mechanical Room #125 | Water Furnace | VX180TL411CASSA | QK1335 |
| HP-7 | Mechanical Room #135 | Carrier | 50VQP181BCC6A1AR | 4217V68682 |
| HP-8A | Mechanical Room #139 | Water Furnace | VX120TR401CASSA | QK1329 |
| HP-8B | Mechanical Room #154 | Carrier | 50PSV060ZCJ6ACJX | Unit on order- to be installed 5/2019 |
| HP-9A | Mechanical Room #154 | Water Furnace | VX095TL401CASSA | QK1346 |
| HP-9B | Mechanical Room #157 | Water Furnace | VX095TR401CASSA | Q1351 |
| HP-10 | Mechanical Room #159 | Water Furnace | VX095TR401CASSA | QK1347 |
| HP-11 | Mechanical Room #161 | Water Furnace | VX095TR401CASSA | QK1348 |
| HP-12 | Mechanical Room #163 | Water Furnace | VX095TR401CASSA | QK1349 |
| HP-13 | Mechanical Room #165 | Carrier | 50VQP096FCC6A1AB | 3917V67820 |
| HP-14 | Roof Top | Carrier | 50TCQA07A2A6A0A0G0 | 1219C75975 |

Gorman (The Anita B) Conservation Discovery Center Humidifier List

| UNIT # | LOCATION | MANUFACTURER | MODEL # | SERIAL # |
|-------------|----------------------|------------------------|-------------|-------------|
| H-1 / HP-4 | Janitor Closet 119 | Nepronic SK3000 series | Cannot Read | Cannot Read |
| H-2 / HP-10 | Mechanical Room #159 | Nepronic SK3000 series | 8K340M | 44212413 |

Gorman (The Anita B) Conservation Discovery Center ERU List

| UNIT # | LOCATION | MANUFACTURER | MODEL # | SERIAL # |
|--------|-------------------------|--------------|-------------------------|----------------------|
| ERU-1 | Roof-Mechanical Rm #106 | Venmar | ERV2000eDD2XG23SFHDBSXX | 6N812000901764 |
| ERU-2 | Roof-Mechanical Rm #125 | Venmar | ERV2000eDD2XG23SFHDBSXX | 6N812000901728 |
| ERU-3 | Mechanical Room #165 | Venmar | 500 i NA2XS3NSX | 6283200010011960 |
| ERU-4 | Mechanical Room #163 | Venmar | 500 i NA2XS3NSX | 628320001001964 |
| ERU-5 | Mechanical Room #161 | Venmar | 500 i NA2XS3NSX | 628320001001962 |
| ERU-6 | Mechanical Room #159 | Venmar | 500 i NA2XS3NSX | 628320001001960 |
| ERU-7 | Mechanical Room #157 | Venmar | 500 i NA2XS3NSX | 628320001001961 |
| ERU-8 | Mechanical Room #154 | Venmar | 500 i NA2XS3NSX | Unknown-Painted Over |