



COLORADO

Department of Transportation

Office of the Chief Engineer

2829 W. Howard Place, 4th Floor
Denver, CO 80204-2305

CDOT

Craig HVAC Upgrades

Project No.: 24742

Date: 04/29/2024

ADDENDUM #2

This **Addendum Number Two** supersedes and/or supplements all portions of the Documents with which it conflicts. **Bidders must acknowledge receipt of this Addendum and any future Addenda on the Bid Form.**

General Notes:

1. The CDOT contact person for this project is Robert Wilson, Property Management Section, 2829 W. Howard Place, 4th Floor, Denver, CO 80204. **Email: robert.L.wilson@state.co.us**

Bids are to be submitted electronically through CDOT's Procurement Website; BidNet. Electronic Bids are due **Monday May 6, 2024 2:00 PM UPDATED BID DEADLINE**

Contractors need to register at CDOT's new Procurement Website (BidNet) at:
www.bidnetdirect.com/colorado/colorado-department-of-transportation

Once registered, all CDOT State Buildings bidding opportunities are available at the same website.

If you are having issues seeing this electronic site, registering, or up-loading your bid, please e-mail the following address with specifics about your concerns: support@bidnet.com and cc Robert Wilson (e-mail address above). A BidNet representative will contact you with assistance.

Please note: all communication about bid system issues **MUST** start with an e-mail to the above Help Desk e-mail; a representative will call or e-mail you back, however, there must be a logged e-mail with the issue you're experiencing. If you call a phone number you have been given in the past and that individual is not available to help, and are unable to upload your bid before the deadline your bid will **NOT** be accepted. Multiple agents monitor the e-mail, so always e-mail this help desk e-mail with your bidding system issue.

2. The bid opening may be observed by using the following meeting information.

Meeting Link: meet.google.com/uyo-ebqb-kgr

Call In (audio only): 724-740-8232 PIN: 319 745 357#

Project Q&A:

Q1. Regarding Sheet A2.0, Add Alternate #1, Based on our on-site observations and a comparison with the provided construction drawings, it appears that there is one two-port tele/data device and one duplex outlet located in the area of the new door. If these devices are in the way of the new door. Question: Please confirm whether these devices will be relocated for reuse or disconnected and removed.

A1. Relocation is acceptable to engineer. Confirm final location of relocated devices onsite with CDOT project manager.

Q2. To maintain apples-to-apples bidding, kindly clarify whether a plumbing permit will be necessary for this project. On-site discussions indicated that an electrical permit will be required.

A2. Yes, a State Plumbing and State Electrical Permit will be required for this project.

Q3. For the purpose of acquiring a bid bond, could you please provide information on the daily rate for liquidated damages?

A3. Article 46 of the Design/Bid/Build contract lists \$875/calendar day if the work is not substantially complete starting on the Substantial Completion Deadline as well as \$875/calendar day if the work is not accepted on the Final Acceptance Deadline. The substantial completion (maximum of 120 calendar days) and final acceptance deadlines (maximum of 44 calendar days) are calculated by the amounts listed on the bid form, starting on the date of the Notice to Proceed. Please see Article 38 of the General Conditions to the Design/Bid/Build Contractor's Agreement to review how extensions of time are managed adjusting these deadlines.

Q4. During the walk-through we were guaranteed there was not to be any plumbing work being done, however specified in the specifications book are two sections with scopes of work for plumbing.

4a. do any of the following sections in 22 00 00 pertain to this project and are expected to be completed?

A4.a. Not Applicable

4b. 22 00 00 1.3 A-I describes new water services being brought into building, are we replacing the main cold water from outside to in?

A4.b. No new water main/service is to be provided. Only modifications to existing water lines as mentioned on plans.

4.c. 22 00 00 1.5 A-C Describes sanitary drainage work, are we doing any DWV piping on this project?

A4.c. Only new condensate lines shall be routed from new VRF indoor units to existing sanitary drainage. Condensing mechanical equipment in basement (boilers) shall have condensate routed to condensate neutralization kit and then to an existing floor drain.

4.d. 22 00 00 1.6 A-C describes new gas line services, are we replacing the existing gas line from the city tap to all fixtures/applications including meter, regulators, and such?

A4.d. Only new gas lines will be to the new boilers in the basement, the duct furnace on the rooftop ERV and the gas furnaces in the utility closets by the washdown and shop bays.

4.e. 22 00 00 2.2 A-D has water pressure been tested and is pressure above the 75psi described, are we installing a building PRV if pressure is above 75psi?

A4.e. If water pressure exceeds 75 psi, a PRV shall be installed. PRV to match existing pipe diameter.

4.f. 22 00 00 2.3 A-C describes a new backflow prevention device on main cold to building, are we doing this? If so, can a set of plumbing plans be designed for the domestic plumbing?

A4.f. Backflow should be existing. Not applicable.

4.g. 22 00 00 2.4 A-B describes a new water meter, are we replacing the existing water meter, if so, can a set of plumbing plans be designed for the domestic plumbing?

A4.g. No, not applicable.

4.h. 22 00 00 2.5 A-C describes curb valves and box, are we doing anything with the underground domestic water piping going into the building?

A4.h. No, not applicable.

4.i. 22 00 00 2.6 A-1-3 describes new wall hydrants, are replacing any wall hydrants, hose bibs, or shock absorbers on this project?

A4.i. No, not applicable.

4.J. 22 00 00 2.11 A-1-4 are we doing any floor drains, trench drains, catch basins, or catch basin strainers, if so, can a set of plumbing plans be designed for this scope of work?

A4.j. No, not applicable.

4.k. 22 00 00 2.12 A-D are we doing anything on this project pertaining to this section?

A4.k. No, not applicable.

4.L. 22 00 00 2.15 A-C and 3.3 A-P. are installation of fixtures part of this project, if so can a set of plumbing plans and schedules be designed?

A4.l. No, not applicable.

4.m. 22 00 00 3.1 A other than mechanical room domestic piping, are we replacing any other domestic piping throughout the building on this project? If so, can a set of plumbing plans be designed?

A4.m. Only for the cooling tower outside. This piping is shown on the floor plans.

4.n. 22 00 00 is/are (a) water drinking fountain(s) being replaced or installed?

A4.n. No, not applicable.

Q5. 23 50 00 during our walk-through we were told that the existing garage heaters were to remain and no work to be done, please confirm no work shall be done on this project for the existing garage heaters/ radiant tube/pipe system?

A5. Existing gas fired heating equipment is shown as existing to remain on mechanical plans.

Q6. Plans M1-1 to M3-3 the system is labeled as a VRF Recovery system, this is actually a HVRF Recovery system. Is a redline on plans needed for this correction?

A6. No, this label is correct.

Q7. Plans M1-1 hydronic piping and refrigeration piping must be run to all of the HPs, during our walk-through we were informed that the following areas had asbestos ceilings. Unless we run the hydronic piping exposed on the outside of the walls to each of the effected areas we will need to open ceilings.?

a listed areas of asbestos Office 134, Work Rm 133, Office 132, Server 131, and office 130. Can we run hydronic and refrigerant piping exposed to these areas and heat pumps, and build a chase around exposed piping? If not, please determine responsibility for abatement for ceiling?

A7. From a functionality standpoint, yes. For the areas in question the affected units are HP-130, 131, 132b, 133, and 134. These units are connected to the system with refrigeration piping only. Refrigerant piping may be installed exposed along the walls within a sheet metal enclosure.

Q8. M1-3 we were informed that the roof is asbestos and not to be disturbed, what is the proposed way of supporting the duct work on roof?

A8. New duct on roof to be supported using Miro Industries 6-DS (or equal) roof duct support system. This system does not penetrate the roofing and rests on top of the roof system.

Q9. M1-3 What is GF-2 ?

A9. GF-2 is mis-scheduled. It appears on the gas furnace schedule as "GH-2". This will be corrected on any future sets of plans issued, should there be any.

Q10. We were informed by CDOT that storage of equipment would need to be in the in the ungated parking lot, is it possible to make this location inside of the gated area?

A10. No areas behind a locked gate are available for contractor staging. The contractor may setup temporary fencing to close in the staging area if it is determined to be necessary by the contractor.

Q11. M3-4 this hydronic plan consist of new expansion tanks, glycol feeder, triple duty valves, and air separators. We see the model numbers on this plan sheet; however, these are not included in specifications nor the schedule. Are we providing new hydronic specialties listed above in this project? If so can an updated schedule and specifications be designed and wrote up?

A11. Expansion tanks, glycol feeder and hydraulic separator have model numbers called out on the piping diagram on M3-4. Valves to be provided by contractor.

Q12. Would CDOT and Engineer firm be open to including Viega Propress fittings, Viega Mega Press fittings and HE-PEX expansion style and/or Cinge style fittings to the approved fittings specifications?

A12. Yes, these substitutions are approved for this project.

END OF ADDENDUM NO. TWO