



Addendum No.: 04

Date Of Addendum: 10/30/2019

CT DAS • Construction Services • Office of Legal Affairs, Policy, and Procurement
Bathroom Renovations
Carl Robinson Correctional Institute
285 Shaker Road
Enfield CT
BI – JA – 481

Original Bid Due Date / Time:	November 20, 2019	1:00 PM
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Revised Bid Due Date / Time:	December 4, 2019	1:00 PM
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Previous Addendums: Addendum #3 dated 10/21/2019, Addendum #2 dated 10/7/2019,
Addendum #1 dated 10/4/2019

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated 03/15/2019. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form.

Failure to acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form shall subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1: The bid opening will be changed from November 20, 2019 at 1:00 PM to December 4, 2019 at 1:00 PM

Item 2:

Please NOTE: The RFI cut-off date is now November 22, 2019, 3:30 PM. Any e-mails received after this date will be rejected and not processed.

Item 3:

QUESTION: Is the Roof bonded? If so, Contractor name?

RESPONSE: Project BI-JA-481 cannot confirm nor deny that the roof is bonded at this juncture. Project BI-JA-481 does not have the name of the contractor at this time.

Item 4:

QUESTION: Is BIM required for coordination drawings?

RESPONSE: Please review the specification section 01 30 00 Project Management and Coordination

Item 5:

QUESTION: Does the existing Ductwork from all the RTU's require cleaning?

RESPONSE: Please refer to Specification SECTION 01 45 23.13 - TESTING FOR INDOOR AIR QUALITY, BASELINE IAQ, & MATERIALS, B.3

Item 6:

QUESTION: Per article 4.9 of the general conditions of the contract the contractor is to provide a full time project manager located and assigned to the project site during and for the duration of the work. Could you please advise if for this specific project the contractor will need to provide an onsite fulltime project manager assigned to



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this project or if it would be acceptable for the project manager to not be fulltime onsite and based out of the contractor's corporate office?

RESPONSE: Yes, a full time PM is required.

Item 7:

QUESTION: Could you please confirm that per specification section 013526 "Government Safety Requirements", section 1.7, B, that the contractor's site safety and health officer (SSHO) can also be the contractor's superintendent as long as that person meets all the qualifications for both positions?

RESPONSE: Yes, if they meet the qualifications.

Item 8:

QUESTION: It appears that the scales indicated for interior elevations 1 and 2 on drawing A602 are incorrectly indicated at $\frac{1}{4}''=1'-0''$ but in scaling the dimensions it appears that the scales should be $\frac{1}{2}''=1'-0''$. Please advise.

RESPONSE: The correct scale for elevations 1 and 2 on drawing A602 is $\frac{1}{2}'' = 1'-0''$.

Note: Per General Project Note A on drawing A101, do not scale drawings; please refer to stated dimensions.

Item 9:

QUESTION: Specification section 011100 "Summary of Work", 1.4, C, states that the entire project shall be constructed in six (6) equal and sequential phases of twelve (12) weeks for each housing pod for a total schedule of 504 calendar days. For bidding purposes, how long should we assume that the DOC turnover/relocation time will be between each phase if any?

RESPONSE: DAS has allotted 1 week for the relocation of personnel in pods. The goal is to have zero outstanding punchlist items at the completion of each building prior to the move.

Item 10:

QUESTION: Could you please confirm if the use of propress fittings is acceptable for domestic hot and cold water?

RESPONSE: DAS has no objection to the use of propress fittings.

Item 11:

QUESTION: Could you please provide a specification on what is to be assumed used for the patching in of the aluminum faced gypsum ceiling panels where required?

RESPONSE: All of the following will be acceptable materials for patching:

- a. Premanufactured aluminum faced panel; Basis-of-Design product to be $\frac{5}{8}''$ thick aluminum covered gypsum panels as manufactured by PORTAFAB Modular Building Systems (1-800-325-3782), prefinished white to match existing.
- b. Aluminum sheet material (.032" thick, smooth, prefinished white) adhered to $\frac{5}{8}''$ thick impact-resistant gypsum board panel.
- c. Existing ceiling panels salvaged from demolition scope defined on Drawing AD01. The Contractor shall store and protect panels salvaged from demolition operations for the duration of construction, for possible re-use in future phases of the project.

Item 12:

QUESTION: Specification section 083800 "Special Doors", 2.2, C, calls for tubular steel frames by the door manufacturer. The door manufacturers are stating that they never provide frames in correction facilities and the drawings don't appear to show any frames. Could you please confirm that frames are not to be provided.

RESPONSE: This section applies to the modesty gates required at all toilet and shower compartments. No steel frames are to be required.



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Item 13:

QUESTION: ATC-Is there a required sole source contractor? Is it a building management system or are they stand alone controls? Are the Electric Unit Heaters and Exhaust Fans tied into a BMS or Standalone controls?

RESPONSE: There is no BMS on the compound at CRCI all the RTU's are standalone units with the thermostats locked inside the control bubbles for their respective buildings.

Item 14:

QUESTION: Note #1 on M102 says to furnish new Filters and to match existing MERV rating. Please supply quantity, size & MERV ratings for the existing Rooftop units?

RESPONSE: The fans remain on at all times and the air filter MERV rating is an eight (8).
DOC has provided DAS with the following information:

Carl Robinson CI - Building RTU's	
Contractor to verify information during construcion	
1)Carrier 48HCRA06A2A6A0F5CO Serial #4112C87349	7)Carrier 48HCRA06A2A6A0F5CO Serial #4112C87340
2) Carrier 48HCRA06A2A6A0F5CO Serial #4112C87340	8)Carrier 48HCRA06A2A6A0F5CO Serial #4112C87366
3) Carrier 48HCRA06A2A6A0F5CO Serial # 4112C87342	9) Carrier 48HCRA04A2A6A0F5CO Serial # 4012C87217
4) Carrier 48HCRA04A2A6A0F5CO Serial # 4012C87203	10)Carrier 48HCRA06A2A6A0F5CO Serial #4112C87339
5) Carrier 48HCRA04A2A6A0F5CO Serial # 4012C87210	11)Carrier 48HCRA06A2A6A0F5CO Serial #4112C87361
6)Carrier 48HCRA06A2A6A0F5CO Serial #4112C87358	12) Carrier 48PGMM06-D-60-54 Serial #1511G40004

Item 15:

Please NOTE – When submitting RFI's for answer, Please include the project e-mail in the CC: line of the e-mail communication (**DAS.JA481@ct.gov**)

Item 16:

QUESTION: Drawing P102 references the location and intended quantity of CVC's inside each plumbing chase. 4 are shown on each side



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The WMS II is capable of controlling up to 6 flushometers without overflow monitoring. The drawing has one CVC referenced for the three toilets and two urinals for a total of 5 fixtures. Confirm overflow monitoring is not required and the intent was for the one CVC to control those 5 fixtures.

One CVC is referenced at the showers on each side. There are 4 showers on each side but the WMS II is only capable of controlling up to 6 solenoids (3 hot and 3 cold at the showers) Should another CVC be added to cover the 4th shower on each side?

RESPONSE: Additional CVC are not required.

Per Manufacturer:

"The Willoughby WMSII Water Management System is a PC-based water control system for use with Willoughby Cell Valve Controller-equipped plumbing fixtures.

By serving as the operator interface for multiple individual trunks of networked Cell Valve Controllers (CVC2), the WMSII system allows full water usage control of up to 4 networks, each with a maximum of 127 nodes connected by up to 4,000 ft. of CAT 3 network wiring, through a centrally-located PC workstation. The typical WMSII system will consist of a user-selected PC workstation, pre-programmed with a facility-specific WMSII control system; chase-mounted CVC2's, in networked or stand-alone configurations as specified; 8 ft. of CVC2-to-valve/switch wiring; and any additional support or equipment as specified. Using a WMSII system control workstation, an operator can remotely view and control any function of any networked plumbing fixture.

Each CVC2 is capable of controlling a total of 6 low-voltage solenoid valves: up to 2 lavatory/toilet combination units (1 hot valve, 1 cold valve, and 1 flush valve for each unit), 3 individual lavatories (1 hot valve and 1 cold valve each), 4 toilets with overflow sensors, 6 toilets without overflow sensors, or any other combination of 6 valves."

QUESTION: Specification section 224600 2.2 calls for a networked system, PC based and running on a Windows operating system. Paragraph C mentions an option to be provided to control the operation of a master shutoff valve that provides water to an area of several cells or fixtures. No master solenoid valve is shown or referenced. Does this need to be added to the design?

RESPONSE: It is part of the design per the specification referenced.

QUESTION: The specification also notes having the ability to shut down each individual fixture from the PC, which might be typical for individual cells. Confirm the intent is to have the ability to isolate individual fixtures.

RESPONSE: Yes.

QUESTION: It appears the six buildings are not interconnected. Confirm that a PC is required in each building to control the CVC's in each building.

RESPONSE: PC is required for each building.

QUESTION: Cold water line sizing for detail 2 and 3 on drawing P102 appears to decrease and then increase again. On detail 3, one side is 3" and the other side is 2". On detail 2 cold water changes from 3" to 2" then from 2" to 2-1/2" then from 2-1/2" back to 3". Please confirm the required cold water main line sizing in each plumbing chase or clarify the design as shown.

RESPONSE: Pipe size should be 3" to the mechanical room on 2/P102.

QUESTION: The detail also shows 2" branch piping to the water closets (riser diagram has 1-1/2") and 1-1/2" branch piping to the urinals. Connections would be 1" and 3/4" respectively on those fixtures. Confirm the branch line sizing as shown on the drawing is required.

RESPONSE: Connection to WC shall be 1-1/2" and connection to UR shall be 1".

Item 17:

QUESTION: Note 2 on drawing S101 calls for a 12" minimum layer of compacted structural fill under the new "F1" slab. Are we to assume that the existing base materials do not meet this requirement and that we are to remove 12" of existing base materials and replace them with 12" of imported structural fill?

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RESPONSE: Yes, that is intent, however GC has option to test existing materials to see if they meet and/or exceed the requirements of structural fill; cost for testing will be borne by the contractor for this verification.

All questions must be **emailed** (not verbal or by **phone**) to the consulting Architect/Engineer (Rodolfo Garcia, Email: rodolfog@chkarch.com) with copies sent to the DAS/CS Project Manager (Ronald Wilfinger, Email: ronald.wilfinger@ct.gov) and Construction Manager (Josephine Pittman, Email: Josephine.Pittman@jacobs.com)

End of Addendum Four

Mellanee Walton, Associate Fiscal Administrative Officer
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