

CORNELL UNIVERSITY
FACILITIES CONTRACTS
121 HUMPHREYS SERVICE BUILDING
ITHACA, NEW YORK 14853-3701

DUFFIELD 207, 227 AND BARD 160/131,
B28 & SB37 LABS RENOVATION

ADDENDUM NO. 5

January 6, 2022

This Addendum contains changes to the requirements of the Contract Documents and Specifications. Such changes are to be incorporated into the Construction Documents and shall apply to the work with the same meaning and force as if they had been included in the original document. Wherever this Addendum modifies a portion of a paragraph of the specifications or a portion of any Drawing, the remainder of the Paragraph or Drawing shall remain in force.

NOTE: Provisions of all Contract Documents apply.

TECHNICAL SPECIFICATIONS

Item 1. RFI Questions and Clarifications

See attached RFI Log (Items 1 - 12)

Attachments: RFI Log (Items 1-12)

******END OF ADDENDUM******

RFI Form

RFI/ Response Index	Page/ Dwg./Spec./Rep. Number	Section/ Paragraph/Topic	RFI	Design Team Response
1	Drawing DH GM101		Drawing DH GM101: Will Cornell be hiring Hallam-ICS direct for the TGMS controls work?	The Contractor is responsible to hire Hallam-ICS for TGMS controls.
2	Drawing DH A101	Detail E1	E1 / DH A101: Please provide specification for the new H2 Gas Cabinet - listed as CFCL.	See Addendum No. 4, Items 3, 12, 13, 14, 15, 16, 17 and 18. Existing gas cabinet will be retrofitted by contractor instead of providing new gas cabinet.
3	Drawing BH A101		BH A101: Will the eyeglass stations be provided by owner?	Eyeglass station will be provided by the Contractor, see spec section 10 2800 Toilet, Bath, and Laundry Accessories.
4	Drawing BH A601/ BH A101	Detail A3	Door Schedule Keyed Note 1 at Door 1-160 on plan sheet BH A601 indicates that the card reader is OFCI. There is a note on floor plan BH A3/A101 indicating that the card reader at this location is OFOI. Please clarify which is correct.	See Addendum No. 4, item 11. Card readers will be OFOI.
5	Spec Section 12 3553		Specification 12 35 53 lists the wood and metal laboratory casework as owner furnished/contractor installed, but uses the abbreviation OFOI. Please clarify if the casework will be installed by the owner or contractor. 1.01 RELATED DOCUMENTS A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section. B. Equipment listed in this specification is classified by who furnishes (F) and installs (I) equipment items. All equipment in this specification shall be Owner Furnished / Contractor Installed (OFOI)	See Addendum No. 4, Items 4 and 5. Casework and fumehoods will be Owner Furnished/ Contractor Install.
6	Drawing BH B601		The Door and Frame Schedule shown on plan sheet BH A601 shows a new door and frame at Door 1-160. Note 1 indicates that the card reader is OFCI. What about the rest of the hardware for this new opening? There are no specifications for Door Hardware.	See Addendum No. 4, Items 1 and 11.
7	QL Drawings		Who is responsible for purchasing and/or installing the fixtures listed in the schedules on the QL drawings. These items do not appear on the P series drawings and there are multiple notes about final connections by owner. Various PLM notes also say to provide a manifold, pressure regulator, and quick connect fitting. Can a schedule or spec section for these items please be provided?	Lab drawings sheet QL001 plumbing schedule denotes fixture BOD, these fixtures are to be provided by the casework manufacturer and installed by plumbing as stated in Lab Casework Specification 123553 sections 1.02, C & 1.03, E.
8	Drawing BH/DH QL 501	Detail 20 and 21	Drawing BH/DH QL 501 Detail 20 and 21 show a gas supply station. Is the pipe drop to be inside the column? Plumbing drawings currently show pipe dropping behind the column and stubbing in the back side.	The pipe should drop down the inside of the column.

RFI/ Response Index	Page/ Dwg./Spec./Rep. Number	Section/ Paragraph/Topic	RFI	Design Team Response
9	Drawing DH P101/ DH QL105		Drawing DH P101 shows to salvage and reinstall a PW loop to an existing sink, while drawing DH QL104 shows hot water and cold water is required at this sink with an eye wash. There is an existing hot/cold water drop to the right of this sink that has no work involved with this project. Can clarification be provided on what the PW loop is connecting to?	The existing HW/CW & eyewash fixtures are to be replaced due to ADA requirements, these will tie into the existing feed lines for these services. The PW system serves lab equipment on bench. Reconnect the PW system within the ceiling and re-use all piping and piping accessories routed down to the bench. See Addendum 4, item 14.
10	Spec Section 22 1010	Section 2.8	Spec section 221010 item 2.8 is named Stainless Steel Pipe and Fittings (For Hydrogen and Nitrogen) Exhibit A of this spec says to use copper for nitrogen. Which material should be used? Argon gas is not referenced in the spec, what material should be used?	See Addendum No. 4, Items 6, 7, 8, and 9. Stainless Steel for Hydrogen and Nitrogen in Duffield. To match existing in Bard Nitrogen will be Copper. Argon is added as stainless steel in the addendum.
11	Drawing DH P101	Detail 1	Drawing DH P101 Detail 1, near column F3 there is a note 4 pointing to AR gas canisters, but no piping is shown. Is this location for future use?	This is not for future use. Note 4 also says to provide a manifold, regulator, shut off valve and quick connect. To clarify, all piping up to point of the quick connect will be provided and installed by the contractor. The end user will make the final connection.