

ADDENDUM 2

DATE: April 19, 2017
PROJECT: Tashman Dry Lab Construction
ITB NO: 744-B1716
OWNER: The University of Texas Health Science Center at Houston
TO: Prospective Proposers

This Addendum forms part of and modifies Proposal Documents dated, April 7, 2017, with amendments and additions noted below.

The following questions were submitted before the deadline. The responses are in red. An additional addendum is forthcoming.

- 1) Is there any special conditions needed to access the vivarium?
Answer: Yes, Entry to the area is restricted by badge access. UT Health to provide information for additional requirements.
- 2) Is there any special infection control requirements on this project?
Answer: As long as contractors do not go into other animal rooms or research procedure rooms, there is no concern that there will be cross-contamination between the animals and the contractors. Dust barrier is to be installed at the door (or around the entrance if the door has to be removed for construction) and place sticky mats outside of the door to trap as much construction dust as possible. No special personal protective equipment or garb is required to enter the BBSB vivarium.
- 3) Is there any shielding requirements required for the ceilings?
Answer: Based on the physicist report, shielding will not be required at the ceiling.
- 4) Since the demolition drawings state to demo one side of drywall. What is the requirement for shielding of the electrical back box within stud wall cavity?
Answer: Per the Shielding Report, lead shielding is required around all electrical boxes and other components with penetrate the lead shielding in partitions which are being shielded. A note will be added to the Electrical drawings and details will be added to the Architectural drawings in a future Addendum.
- 5) Sheet A-102, BBSB demo drawing Note 3 is in conflict with Note 6. Note 6 requires base to be cut back for sheetrock installation. Please advise dimension for cutback? Also, please note this patch work on the epoxy will be visible.
Answer: Cutback to be as much as required to install gypsum board.

- 6) Sheet EL-200B, since wall electrical boxes are sealed, is there any requirement of existing ceiling devices?

Answer: Conduits entering light fixtures are required to be sealed after wiring modifications. A Drawing EL-200B drawing note will be added in a future Addendum.

- 7) Sheet A-111, Reflective Ceiling shows a ceiling mounted rail system. Please clarify if this is a proprietary system provided by the equipment vendor or is this structural Unistrut system which requires engineering. Provide details at ceiling construction as well as structural supports to deck above.

Answer: Clarification will be included in future Addendum.

- 8) Please furnish vendor equipment drawings or cut sheets for mounting vendor equipment as well as the truss system and rail system.

Answer: Additional information will be included in future Addendum.

- 9) Sheet A-520, Detail 18 indicates $\frac{3}{4}$ " plywood for lead lined partitions. Is this required for all lead partitions or just the $\frac{3}{32}$ " to $\frac{1}{8}$ " thick lead partitions? Also, is this plywood fire rated?

Answer: Plywood not required, revision will be provided in future Addendum.

- 10) Sheet A-101, Note 6 and Sheet A-102, Note 2 requires removal of existing sheetrock inside face only. Is the existing steel stud gage sufficient to carry the additional plywood / lead weight? Per architects drawing no new studs are supplied except where new control room walls and new door frames are being constructed.

Answer: Yes

- 11) Please note that upon installation of new door frame in BBSB room is on conflict with note 1 detail 8 on sheet A-102. Some ceiling demo is required to put in structural reinforcement of door frame to deck above.

Answer: Patch and repair as required.

- 12) Sheet A-540, Door Schedule, Note 3 calls for extra reinforced frame is recommended on the pivot side of frame and suggests installation to deck. Per Isometric Detail 11 on A-540, provide size of steel and detail where this is positioned. Will an extra reinforced frame be required opposite of the pivot side?

Answer: Detail will be provided in future Addendum.

- 13) Is there a lead shielding requirement for electrical / plumbing boxes installed within the existing studs? If so, please provide the necessary detail for shielding.

Answer: Per the Shielding Report, lead shielding is required around all electrical/plumbing boxes and other components with penetrate the lead shielding in partitions which are being shielded. A note will be added to the electrical and plumbing drawings and details will be added to the Architectural drawings in a future Addendum.

14) Control room partitions, will a structural member be required for stability of wall? If so, please provide detail / size of structural member.

Answer: Yes, detail will be provided in future Addendum.

15) Sheet EP-200S, Note 6. Is there current shielding for existing floor boxes?

Answer: The electrical floor boxes are standard fire rated poke-thru floor boxes and are not shielded or lead lined. Per the Shielding Report, additional shielding is not required for floors or ceilings.

16) Sheet EP-200S, Note 33, requires the abandonment of one floor poke-thru outlet by simply removing the cover outlet and install a flush mounted cover. New stud wall track may be located over this abandoned box and suggest removal of device / wires to the nearest floor poke-thru and terminate at said floor box. Plug conduit at box and fill level with non-shrink grout.

Answer: Preliminary field measurements indicate that this existing floor outlet is outside the new partition being added. If final field conditions differ, an RFI should be submitted so that the partition location can be adjusted to miss the existing floor box. Drawing EP-200S notes will be revised in a future Addendum to indicate that this floor box is to remain as is.

17) Sheet A-102, Note 2 requires complete removal of existing sheetrock. Sheet P-200B, Note 12 is an existing wall mounted animal watering system to remain. Please provide elevation of existing watering system for reinstallation due to sheetrock removal.

Answer: Per the Shielding Report, shielding is only required in walls up to 7' AFF which will not require removal of the existing animal watering system piping. The Architectural drawings will revise the existing sheetrock removal height in a future Addendum to reflect this requirement.

18) Will pretesting of lead shielding occur prior to interior finishes being installed?

Answer: Yes. A quick visual pretesting of the lead will occur prior to interior finishes being installed. Also, after construction completion, a more in depth testing of the lead will be performed.

19) Sheet EP-200B, Note C, after sealing of electrical devices with silicone will any testing be required?

Answer: No testing is required although the boxes should be inspected by UTHealth/Engineer prior to installing coverplates.

20) Are the existing electrical boxes within BBSB currently Crouse Hinds FD?

Answer: The original electrical Construction Documents indicate that FD boxes are required. This condition has not been field verified by the Engineer.

21) On Sheet A-600 detail 1 Equipment Schedule, please confirm that all items listed as contractor furnished is truly to be contractor furnished and installed?

Answer: Future Addendum will confirm which equipment the contractor is to furnish and install.

22) On Sheet A-600 detail 1 Equipment Schedule, please provide the manufacture and model for items E006 (X-ray image intensifier) and E007 (X-ray Source).

Answer: Future Addendum will address equipment information.

END OF ADDENDUM 2