


Request for Bids	 <p style="text-align: center;">Marshall University Office of Purchasing One John Marshall Drive Huntington, WV 25755-4100 Direct all inquiries regarding this order to: (304) 696-2599</p>	<p>Bid# R2002167 Addendum No. 03</p>
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<p>Vendor:</p>	<p>For information call: Purchasing Contact: Angela Negley Phone: (304) 696-2599 Email: negley4@marshall.edu & Purchasing@marshall.edu</p>
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Sealed requests to bid for furnishing the supplies, equipment or services described below will be received by the Institution. TO RECEIVE CONSIDERATION FOR AWARD, UNLESS OTHERWISE NOTED, THE BID WILL BE SUBMITTED ON THIS FORM AND UPLOADED INTO THE MU BONFIRE PORTAL ON OR BEFORE THE DATE AND TIME SHOWN FOR THE BID OPENING. When applicable, prices will be based on units specified; and Bidders will enter the delivery date or time for items contained herein. The Institution reserves the right to accept or reject bids on each item separately or as a whole, to reject any or all bids, to waive informalities or irregularities and to contract as the best interests of the Institution may require. BIDS ARE SUBJECT TO THE GENERAL TERMS AND CONDITIONS AS SET FORTH HEREIN.

<p>DATE 7/10/20</p>	<p>MANDATORY PRE-BID MEETING: 6/25/20 at 10:00 a.m., LPT, via Zoom at the following link: https://marshall.zoom.us/j/95368489017</p>	<p>DEPARTMENT REQUISITION NO. R2002167</p>	<p>BIDS OPEN: 7/16/20 at 3:00 p.m., LPT. Broadcast via Zoom at the following link: https://marshall.zoom.us/j/95855748364</p>	<p>BIDDER MUST ENTER DELIVERY DATE FOR EACH ITEM BID</p>
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Item #	Quantity	Description	Unit Price	Extended Price
<p><u>ADDENDUM NO. 03</u></p> <p>Project Name: R2002167 - Byrd Biotechnology Center Animal Research Facility Expansion</p> <p>To respond to technical questions.</p>				
Total				

To the Office of Purchasing,
 In compliance with the above, the undersigned offers and agrees, if this offer is accepted within _____ calendar days (30 calendar days unless a different period is inserted by the purchaser) from the bid open date, specified above, to furnish any or all items upon which prices are offered, at the price set opposite each item, delivered at the designated point(s), within the time specified.

Bidder guarantees shipment from _____ within _____ days
 FOB _____ After receipt of order at address shown
 Terms _____

Bidder's name Vendor _____
 Signed By _____
 Typed Name _____
 Title _____
 Email _____
 Street Address _____
 City/State/Zip _____
 Date _____ Phone _____
 Fein _____

SOLICITATION NUMBER: R2002167
Byrd Biotechnology Center Animal Research Facility Expansion

Addendum Number: No. 03

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Addendum issued to publish and distribute the attached documentation to the vendor community.

1. To provide responses to Vendor's technical questions.

NO OTHER CHANGES.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Attachment A



ADDENDUM NO. 3 July 10, 2020

**Animal Research Facility Expansion
Robert C. Byrd Biotechnology Science Center
Marshall University
Huntington, WV**

TO: All Bidders:

This Addendum forms a part of the contract documents and modifies the original specifications and drawings, dated March 6, 2020. Acknowledge receipt of this Addendum in the space provided on the Form of Proposal and Form of Proposal Purchasing Continuation Sheet. Failure to do so may subject bidder to disqualification.

The contents of this Addendum consist of the following:

- Edward Tucker Architects Letter dated July 10, 2020 (5 pages)
- Revised Project Manual Section 01 21 00 – Allowances (2 pages)
- Scheeser Buckley Mayfield Letter dated July 7, 2020 (2 pages)

GENERAL ITEMS:

1. Project Manual Section 012100 – Allowances: Delete existing Project Manual Section 01 21 00 – Allowances and replace with attached revised Project Manual Section 01 21 00 – Allowances.

ARCHITECTURAL ITEMS:

1. Project Manual Section 10 14 00 – Signage: New interior signs shall match existing configuration, color, type, etc. Provide one sign for each new interior door plus 3 additional signs of same size and type. Room numbers and copy to be determined in submittal process.
2. Project Manual Section 10 44 00 – Fire Extinguishers and Cabinets, paragraph 2.03-A: Metal shall be stainless steel to match existing.
3. Project Manual Section 01 50 00 – Temporary Facilities and Controls
 - a. Paragraph 1.08-A: In the first sentence, omit the words “as indicated”. Add the following sentences at the end of the paragraph: “Contractor shall erect temporary partitions at each end of First Floor Corridor 108 to isolate project area from adjacent occupied areas. Prior to cutting openings in wall between Corridor 108 and Exist. Dirty Corridor 108, Contractor shall erect temporary partition in Exist. Dirty Corridor 108 to protect Animal Care environment from dust, debris, and other foreign material. Temporary partitions shall be dustproof and consist of metal studs, sound batts, and 2 layers of 5/8 inch gypsum board.”





ADDENDUM NO. 3

Animal Research Facility Expansion

July 10, 2020

- b. Paragraph 1.10: Add the following subparagraph D: “Contractor shall access worksite primarily from 3rd Avenue through new doorway into Corridor 134. Work with Marshall University Facilities Planning and Management staff and authorities having jurisdiction to allow temporary on-street parking on 3rd Avenue for loading/unloading.”
 - c. Paragraph 1.11: Add the following subparagraph E: “Contractor shall work with the authority having jurisdiction to locate dumpster on 3rd Avenue.
4. Drawing AD-1.1: Add the following notes under the heading “DEMOLITION SEQUENCING”:
 - a. After temporary partitions are in place to protect adjacent occupied areas, Contractor shall begin by cutting/preparing new opening in exterior wall and installing a temporary door consisting of hollow steel construction for access to and from the work site.
 - b. Contractor shall delay work required by Demolition Keynotes 17, 18, and 19 until all other demolition and new work on the First Floor is completed with the possible exception of resinous flooring and other miscellaneous work that will not compromise the Animal Care environment.
5. Drawing AD-1.1 - Keynote 29: Omit “...and return to Owner” and substitute “and salvage for reuse – See Mechanical.”
6. Drawing A-1.1 – Enlarged Plan 1/A1.1: Add the following General Note “Coordinate new walk slope and elevations in the field with Architect. Design intent is to provide 1/4 inch / foot slope away from building; slope stair treads 1/8 inch / foot perpendicular to nosing. Locate and protect existing underground electrical conduit and storm sewer prior to excavation.”
7. Drawing A-2.1 – Interior Wall Type Legend, Wall Types A & B: Metal stud and gypsum board portion rests atop of CMU portion. See Section 1/A-1.2.
8. Drawing A-2.1 – Interior Wall Type Legend, Wall Type J: At the beginning of the wall type description add the following, “1-Hour Fire Rated Partition UL499: “ This partition is to be constructed adjacent to the existing partition for continuity of the 1-hour corridor fire separation.



**ADDENDUM NO. 3**

Animal Research Facility Expansion

July 10, 2020

9. Drawing A-2.1 – Interior Wall Type Legend, Wall Type K: Add “Run to deck and seal for sound attenuation.”
10. Drawing A-2.1 – Finish Matrix: Add a row with the space name and number “108A Passage” with finish descriptions to match those listed for Corridor 108.
11. Drawing A-2.1 – Holding-2 Space 129: Omit east wall Wall Type “C” designation and replace with Wall Type “B” designation.
12. Drawing A-2.1 – Keynote 12: Add the following sentences, “All concrete cutting and trenching shall be saw cut in straight lines. Replace and recompact stone base. Replace cut/torn vapor barrier with new; lap/tape and otherwise transition to existing to provide continuous vapor barrier. Epoxy anchor 12-inch long #4 reinforcing bars at 24-inch o.c. maximum staggered along each side of trench edges for anchoring new concrete floor slab. See Drawing S0.1 for other notes.”
13. Drawing A-1.2 and A-2.1 – Architectural General Notes: Add the following Note 7, “Existing steel structure is protected with 1-hour spray-on fireproofing. Where anchorage to existing steel structure is required for new structural steel, hangars, straps, clips, etc., Contractor shall patch fireproofing with similar materials to restore existing fire protection. See Section 07 81 00 Applied Fireproofing.” New Interstitial Floor framing is not required to be fireproofed as this area is not a normally occupied space.
14. Drawings AD-1.3 and A-3.1: Add the following note: “Remove existing gypsum board ceiling in Space 108K to facilitate mechanical and fire protection alterations required above ceiling. Modify ceiling attachment system as required where new partition is installed. Replace ceiling with gypsum board to match existing; patch and paint walls and ceiling as required.”
15. Drawing A-4.1 – Detail 1/A4.1 Folding Partition Detail: Wood blocking shall be fire-treated as described in Section 06 10 00.
16. Drawing A-5.1 – Section 3/A5.1: 2-inch rigid insulation indicated shall be mineral fiberboard type as specified in Section 07 21 00.





ADDENDUM NO. 3

Animal Research Facility Expansion

July 10, 2020

CONTRACTOR QUESTIONS:

(Emnett Construction)

- 1) No room finish schedule for Passage Room 108a?

RESPONSE: Same finishes as Corridor 108. See Architectural Item no. 8 in this Addendum.

- 2) Does new exposed ductwork paint?

RESPONSE: Exposed ductwork at Interstitial space does not require paint finish. No ductwork is intended to be exposed to view on the First Floor; however, if any ductwork is exposed at the First Floor it shall be painted in accordance with Section 09 91 23 Interior Painting.

- 3) I am sending over Mopec specifications to see if they would be acceptable for the downdraft tables.

RESPONSE: Request is rejected on the following basis:

- a. Specified model is 48 inches long. Proposed substitution is 78 inches long; room size will not accommodate.
- b. Specified model requires 200 CFM exhaust air. Proposed substitution requires 480-640 CFM exhaust air.
- c. Specified model equipped with RO faucet. Could not find on proposed substitution.

- 4) Would the resinous flooring be phased?

RESPONSE: Phasing of resinous floor installation is Contractor's option.

(Trace Creek)

- 1) Can you please give a value for the 2yr maintenance bond that is required for the full value of the roofing system? This is located on page 87 of the specifications.

RESPONSE: Maintenance bond value shall cover the work associated with this contract and not the entire existing roofing system. Roofing work of this contract is limited to that required to cut in and patch for installation of new rooftop mechanical equipment.





ADDENDUM NO. 3

Animal Research Facility Expansion

July 10, 2020

(Phillip S. Johnson Co. Inc.)

- 1) Page P-1.1 sink P4-2 note 9. Has acid waste pipe to this fixture.
RESPONSE: See attached letter from Scheeser Buckley Mayfield dated July 7, 2020.
- 2) Spec. book section 11-53-00 Page 6 Laboratory Equipment M.4 calls for eye wash for the downdraft workstation P-2.1 doesn't show TDHW for eyewash run to this fixture.
RESPONSE: See attached letter from Scheeser Buckley Mayfield dated July 7, 2020.
- 3) The PDC series Beacon Medaes gas manifold doesn't match the remarks on the laboratory equipment schedule.
RESPONSE: See attached letter from Scheeser Buckley Mayfield dated July 7, 2020.
- 4) Does the RO water loop need to be temporarily hooked up during construction of the new one to maintain RO to the labs next to the project?
RESPONSE: See attached letter from Scheeser Buckley Mayfield dated July 7, 2020.

(Hatzel & Buehler, Inc.)

- 1) Can you confirm that this project is tax-exempt for bidding purposes?
RESPONSE: Refer to Request for Bids – General Terms and Conditions item no. 20
“TAXES: The Vendor shall pay any applicable sales, use, personal property or other taxes arising out of the Contract and the transactions contemplated hereby.”
- 2) On Drawing E-1.1 a lighting fixture is shown with a designation of “R6”. This fixture is not included on the fixture schedule shown on drawing E-0.1. Will you please provide a part number, catalog sheet or an acceptable replacement to be installed in its place from those fixtures currently shown within the fixture schedule?
RESPONSE: The fixture with designation “R6” should be revised to be “R2.” There is no R6 fixture type in the project.

OTHER QUESTIONS AND RESPONSES – SEE SCHEESER BUCKLEY MAYFIELD LETTER
DATED JULY 7, 2020

- END OF EDWARD TUCKER ARCHITECTS LETTER -



**SECTION 01 21 00
ALLOWANCES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Cash allowances.
- B. Inspecting and testing allowances.
- C. Payment and modification procedures relating to allowances.

1.02 RELATED REQUIREMENTS

- A. Section 01 20 00 - Price and Payment Procedures: Additional payment and modification procedures.

1.03 CASH ALLOWANCES

- A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts, less cost of delivery to site, less applicable taxes.
- B. Architect Responsibilities:
 - 1. Consult with Contractor for consideration and selection of products, suppliers, and installers.
 - 2. Select products in consultation with Owner and transmit decision to Contractor.
 - 3. Prepare Change Order.
- C. Contractor Responsibilities:
 - 1. Assist Architect in selection of products, suppliers, and installers.
 - 2. Obtain proposals from suppliers and installers and offer recommendations.
 - 3. On notification of which products have been selected, execute purchase agreement with designated supplier and installer.
 - 4. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
 - 5. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.
- D. Differences in costs will be adjusted by Change Order.

1.04 INSPECTING AND TESTING ALLOWANCES

- A. Costs Included in Inspecting and Testing Allowances: Cost of engaging an inspecting or testing agency; execution of inspecting and tests; and reporting results.
- B. Costs Not Included in the Inspecting and Testing Allowances:
 - 1. Costs of incidental labor and facilities required to assist inspecting or testing agency.
 - 2. Costs of testing services used by Contractor separate from Contract Document requirements.
 - 3. Costs of retesting upon failure of previous tests as determined by Architect.
- C. Payment Procedures:
 - 1. Submit one copy of the inspecting or testing firm's invoice with next application for payment.
 - 2. Pay invoice on approval by Architect.
- D. Differences in cost will be adjusted by Change Order.

1.05 ALLOWANCES SCHEDULE

- A. Allowance No. 1: Include the stipulated sum of \$ 54,470 for all HVAC control system work associated with the **Base Bid** of this project as shown on the drawings and specified in Section 23 09 00 "Instrumentation and Control for HVAC".
- B. Allowance No. 2: Include the stipulated sum of \$ 83,900 for all HVAC control system work associated with the **Add Alternate No. 1** of this project as shown on the drawings and specified in Section 23 09 00 "Instrumentation and Control for HVAC".

- C. Allowance No. 3: Include the stipulated sum of \$ 47,330 for all HVAC control system work associated with the **Add Alternate No. 2** of this project as shown on the drawings and specified in Section 23 09 00 "Instrumentation and Control for HVAC".
- D. Allowance No. 4: Inspecting and Testing Allowance: Include the sum of \$ 5,000 for payment of inspecting and testing services specified in Section 01 40 00.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION 01 21 00



July 7, 2020

Edward Tucker Architects, Inc.
1401 Sixth Avenue
Huntington, WV 25701

Attn: Eddie Bumpus

Re: MU Biotech Animal Research Facility Expansion

Dear: Eddie

Please include the following items in the next addendum issued by your office for the above referenced project.

PLUMBING

RFI Questions from Contractors:

1. Question: "Page P1-1.1 sink P4-2 note 9. Has acid waste pipe to this fixture."

Response: Revise coded note 9 to read, "Install 2" US below slab and extend up in wall to hand sink with hair/solids trap. Extend 1-1/2" vent up in wall to ceiling space."

2. Question: "Spec book section 11-53-00 Page 6 Laboratory Equipment M.4 calls for eye wash for the downdraft workstation. P-2.1 doesn't show TDHW for eyewash run to this fixture."

Response: Extend 1/2" TDHW piping from Room 131 to drop down in wall to eyewash provided with downdraft workstation.

3. Question: "The PDC series Beacon Medaes gas manifold doesn't match the remarks on the laboratory equipment schedule."

Response: Carbon Dioxide Cylinder Manifold shall be model #PDC1500B-320-4-SSH-VV. Oxygen Cylinder Manifold shall be model #PDC3000B-540-2-SSH-VV. Install in accordance with manufacturer's recommendations.

4. Question: "Does the RO water loop need to be temporarily hooked up during construction of the new one to maintain RO to the labs next to the project?"

Response: Downtime for relocation of RO system shall be kept at a minimum and shall be closely coordinated with the owner.

5. Question: "The specifications call for a fully automatic, cabinet style manifold as opposed to the open style, semi-auto PDC series manifold shown on the schedule."

Response: Refer to Question 3 response above.

6. Question: "The specifications call for use of gas monitors but were not seen on the plans. Beacon Medaes recommends the use of gas monitors in all areas where personnel could be exposed to dangerous levels of gases, particularly in cylinder rooms. Should O2 and CO2 monitors be included, and if so, to what extent. Monitor only, or warning beacons and horns?"



Response: NFPA does not mandate confined space monitoring for manifold rooms. Mechanical ventilation (exhaust) shall be provided in the cylinder room.

7. Question: "The specifications call for use of vacuum pressure regulators but were not seen on the plans. Please clarify."

Response: Vacuum pressure regulators are not required.

ELECTRICAL

1. Refer to sheet "E-1.1 Lighting – Partial First Floor Plan – Electrical"
 - a. Revise corridor lighting fixture type R6 outside room 133a to be fixture type R2.
2. Refer to sheet "E-1.2 Power – Partial First Floor Plan – Electrical"
 - a. Revise room 133a west wall duplex receptacle to be a quadreceptacle.
3. Refer to specification section 283111-2.01-A.-1.
 - a. Revise section to read, "Edwards Systems Technology (EST); a part of UTC Fire & Security as furnished by authorized EST dealer."

If you have any questions regarding the above, please do not hesitate to call.

Issued by Scheeser Buckley Mayfield LLC

A handwritten signature in black ink, appearing to read "Vincent J. Feidler".

Vincent J. Feidler, P.E.
Principal

Scheeser Buckley Mayfield LLC

ADDENDUM ACKNOWLEDGEMENT
FORM SOLICITATION NO.: Addendum No. 03

R2002167 - Byrd Biotechnology Center Animal Research Facility Expansion

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specifications, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any University personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

Authorized Signature

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.