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| **Division of Finance and Business Operations** | **Procurement & Strategic Sourcing 5700 Cass Avenue, suite 4200****Detroit, Michigan 48202****(313) 577-3734** |

# wsu-primary-horz-color-600-10-2017-smallFebruary 17, 2025

**Addendum #5 Request for Proposal**

**Biological Science Building Fire Damage Restoration: Project 089-409131 Dated January 27, 2025**

**The Addendum must be acknowledged on your lump sum bid.**

Questions have been raised after the Pre-Bid meeting held on **February 3, 2025,** for the University's **Biological Science Building Fire Damage Restoration** project for the **Facilities Planning & Management.** A summary of the questions asked, and the University's responses are as follows:

**Question**: Can a substation be given for the fume hood?

Specified Product Specification Section/Reference Drawing(s):

**Answer:** include the proposed substitution being: ICI Scientific – Isolator, Manufactured by; ICI Scientific.

Also include the website: [www.iciscientific.com](http://www.iciscientific.com) as well as Phone number: 734-642-4251.

1155313.11 High Performance Fumes Hoods

**Add Alternate #1**: Air Compressor (SAC-1) Add

Furnish and install oilless scroll air compressor to provide instrument/compressed and lab air for Lab 2168 and the supporting spaces/equipment. The air compressor will be located in equipment room 2178.1 and discharge 8.8 scfm of clean, dry air at 100 psig which will be routed directly to the vibration isolation tables (BOD: Powerex SES03). A lab air branch line will be tapped off the 100 psig compressed air main and through a pressure reducing station will supply the required 10-15 psig to the lab equipment and general use outlets in the lab benches. The condensate discharge from the air compressor will be collected by an oil/water separator to protect the existing waste system from any potential oil in the condensate fluid. The discharge from the oil/water separator will be drained via air gap to a hub outlet connected to the existing waste/vent systems. Provide flexible connectors to isolate the air compressor from the piping systems. Provide an air inlet penetrating the exterior wall with a waterproof exterior pipe sleeve.

Provide a 208V 3-phase, 25A circuit in ¾" EMT conduit [(3) #10 THHN Cu & (1) #10 THHN Cu GND] from panel RP-4A in Open Laboratory 2168 to a 30A, 3-pole non-fused disconnect on wall within 6’ of air compressor.  Continue 25A circuit from disconnect to air compressor using liquid-tight flexible metallic conduit (LFMC); max distance of 6’.

**Add Alternate #2:** UPS Add

Furnish and install a 15kVA/13.5kW, 208Y/120V UPS system:  Eaton 93E-15 or similar.  Furnish and install new 208Y/120V, 60A, 18 position (min.) load center with 50A main circuit breaker.  Provide 60A circuit from panel RP-4A in 1-¼" EMT conduit [(4) #4 THHN Cu & (1) #10 THHN Cu GND] to UPS.  Provide 50A circuit in 1” EMT conduit [(4) #6 THHN Cu & (1) #10 THHN Cu GND] from UPS to new UPS-1 load center.  Provide (10) 120V, 20A branch circuits from UPS-1 load center to equipment and receptacles as shown on drawings.  Provide (3) spare 1-pole 20A breakers in load center UPS-1.

Bids are due **by electronic submission on February 19, 2025, at 2:00 p.m.** The link for bid submission will be posted with the bid details at [**http://go.wayne.edu/bids.**](http://go.wayne.edu/bids)

Should you have any questions or concerns about this Addendum, please send them by email to **A’nna Dunbar**, Senior Buyer, email: hx8739@wayne.edu.

Thank you,

# A’nna Dunbar Senior Buyer