ADDENDUM NUMBER 1
DATED FRIDAY, JANUARY 2, 2020
TO
SPECIFICATIONS TO REQUEST FOR BIDS #20-6008-LL-K
FOR
UMKC LABORATORY FURNISHINGS
DATED DECEMBER 10, 2019

The above entitled specifications are hereby modified as follows and except as set forth herein otherwise remain unchanged and in full force and effect.

VENDOR QUESTIONS:

1. **Question:** Item 5 from the BID REQUEST AND BID CONDITIONS sheet (page 2 of 9), states, "5. Bidder agrees to unconditionally guarantee all items bid upon against defects in material and workmanship for a period of one year from the date of acceptance by the University unless otherwise specified. However, item 1 under WARRANTIES on page 4 of 9 states, "Warranty shall agree to repair or replace any product found to have a manufacturing defect within five years after the date of acceptance. Which is correct, one year or five years?

   Answer: 5 years

2. **Question**: On page 4 of 9 under INSURANCE, the very first line states, "Bidders MUST include Certificate of Insurance as a part of their bid-response." However, the 2nd sentence of item 2 on page 5 of 9 states, "A certificate of insurance evidencing all coverage required is to be provided at least 10 days prior to the inception date of the contract between the contractor and the University." Is the COI required with our bid or is the COI required at least 10 days prior to the inception date of the contract between the contractor and the University?

   Answer: A certificate of insurance evidencing all coverage required is to be provided at least 10 days prior to the inception date of the contract between the contractor and the University

3. **Question:** Please clarify when Submittals, Samples and Shop & Installation Drawings mentioned on page 7 of 9 and Maintenance Instructions mentioned on page 8 of 9 are to submitted. Are they required with the bid or after award?

   Answer: After award

4. **Question:** Are we to include the cost of a dumpster in our bid or will UMKC provide the dumpster? If we are to provide the dumpster, will there be space to set the temporary dumpster at the building site?

   Answer: Installer shall be responsible for discarding all packaging and installation waste and cleaning up any debris.

5. **Question:** Most of the spec is about laboratory grade casework, tops, etc. and refer to SEFA standards, GREENGUARD, etc. which are part of the laboratory casework industry. However, the specified manufacturer, Lista International and the specified product ARLink 7000 are not considered products from the laboratory casework industry and have not has not been tested to SEFA standards nor Green Guard standards. Is the specified product, Lista International ARLink 7000 and laminate and wood tops are acceptable for items MT-0A, MT-1A, MT-1C, MT-1D, MT-1E, MT-1F, MT-1G, MT-2A, MT-2B, MT-3A, MT-3B, MT-3C, MT-3D, and MT-4A regardless of compliance with SEFA, GREENGUARD Certifications, SCS Gold Certifications, SCS Chain of Custody Certifications and SCS Recycled Content Certifications?

   Answer: The Lista tables are exempt.

6. **Question:** Please clarify if tall cabinets (T-1 and T-2) are to be tested and pass SEFA standards as to my knowledge the specified Global tall cabinets are not built and tested to SEFA standards.

   Answer: These cabinets can be exempt, however if substituted, these cabinets would need to be3 SEFA compliant.

7. **Question:** On page 22 of 29 of the Furniture Specifications, under '8. Performance, it states a flame spread less than 25 and Smoke Developed less than 450. Are standard ESD laminate tops acceptable in lieu of fire rated?

   Answer: Yes.

8. **Question**: Is it acceptable to quote the specified Wilsonart laminate as our base bid and the Nevamar laminate as an alternate to the specified Wilsonart laminate?

   Answer: Per the specification, Nevamar is an approved alternate.

9. **Question:** Fire rated material is not available in static dissipative laminate tops. Are laminate tops to be static dissipative or fire rated?

   Answer: Static Dissipative

10. **Question:** Is Lista's standard laminate top acceptable?
    Answer: Yes

11. **Question:** In the Specification attachment, Section 10 Materials: a. Core Material: 4) Edging it indicates that top edges are to be 3MMPVC. Confirm if a front bullnose edge with flat laminate self-edging on the side and back of the top are required?

    Answer: Bullnose Edge

12. **Question:** Regarding solid lumber core tops, are Lista's standard butcher block tops are acceptable?

Answer: Yes

13. **Question:** The Furniture Specifications include specs on epoxy resin tops, however I could not see where the epoxy resin tops were required on the drawings or in the Spec Sheets. Is epoxy resin on the tops required?

    Answer: The epoxy was eliminated from this scope.

14. **Question:** In the Specification document, page 22, Section 9;, a. Core Material Thickness:, the Specification sates 1-1/8 inch. However, under 10. Materials, a. Core Material: 2) Thickness: the spec states 1 inch. Please clarify which thickness.

    Answer: The correct core material thickness that should be used is 1".

15. **Question:** Lista International's standard top thickness for laminate tops and wood tops is 1 ½". Please confirm this is acceptable?

    Answer: Yes

16. **Question:** The MT-3A is the only bench required to have task lighting. Will you accept Lista's standard light?

    Answer: Yes

17. **Question:** Regarding the workbench height, the bid lists everything as adjustable height with a 35" finish height. Will it be an issue if the adjustable work height is 30", 32", 34" and 36"? Or do we need to do custom benches to get to exactly 35" in height?

    Answer: Benches do not need to be exactly 35". Adjustable height of 30 , 32", 34", and 36" are acceptable.

18. **Question:** For MT-3C, the bid is asking for an adjustable height bench with a hanging cabinet with a bar lock. We can do the bench with a hanging cabinet as specified, but we cannot do the bar lock using standard product. Those are only made for our regular drawer cabs…. not the hanging ones. Would you want us to proceed with the customized hinged lock bar for a hanging cabinet? Or would want us to leave off the hinged lock bar? Or would want us to convert the suspended cabinet to a fixed height bench with a standard floor standing base cabinet?

    Answer: Price a custom bar lock as an alternative if you like as well as provided base pricing with a keyed lock for each drawer.

19. **Question:** In regards to Section 1.3 Action Submittals; D. Informational Submittals; are these required with the bid documents or after?

    Answer: After award.

Part 2 -Products, Section 2.5, A Epoxy Resin, 1 LABORATORY WORK SURFACES, Subsection A Epoxy Resin, 1 through 6 is hereby removed.

2.1 LABORATORY WORK SURFACES

A. Epoxy Resin:

1. Countertop Grade: Laboratory Work Surface with the identified requirements, characteristics, and features specified herein.
2. Acceptable Manufacturers:
   a. Manufacturers:
      1) Durcon Inc.
      2) American Epoxy Scientific LLC.
      3) Kewaunee Scientific Corporation.
   b. Substitutions: Not permitted
3. Performance:
   a. Worksurface Fabrication and Installation: Premium Grade Laboratory Work Surface.
   b. Worksurface characteristics and performance shall be in compliance with SEFA 3, current edition.
4. Dimensions (thickness):
   a. Typical work surface: 1 inch [25mm].
   b. Curbs and Splashes:
      1) Curbs and Splashes: 1 inch [25mm] thick.
      2) Curbs and Splashes: 3/4 [19mm] thick.
      3) Height: 4 inches [100mm], unless noted otherwise on Laboratory Furnishing Drawings.
         a) Backsplashes supporting pipe drop enclosures shall be 5 inches [127mm] high or as indicated on the Drawings.
5. Material Properties:
   a. Recycled Content: Provide a minimum of 10 percent post-consumer glass content.
   b. Heat resistance tests:
      1) High temperature test:
         a) Heat a porcelain crucible to a dull red color, place on the test material, and allow to cool to ambient temperature.
         b) Result: No observable surface deformation.
      2) Flame test:
         a) Overturn a 3/8 inch [10mm] Bunsen burner, adjusted to a quiet flame, with a 1-1/2 inch [38mm] inner cone, on the test material, and allow to stay for 5 minutes.
         b) Result: no observable surface deformation.

c. Physical properties:

Compressive strength	ASTM D695	216mPa 31,400 PSI
Tensile strength	ASTM D638	55mPa 8,000 PSI
Flexural strength	ASTM D790	81mPa 11,700 PSI
Rockwell hardness "M"	ASTM D785	122
Specific density	ASTM D792	1960kg/m^2 122.4 PSF
Water absorption	ASTM D570	0.01%
Fire Resistance	ASTM D635	ATB (sec)=0
Heat deflection @ 264 psi (1.82 MPa)	ASTM D648	172 degC 342 degF

d. Color:

1) Black. (Black Onyx as supplied by Durcon Inc. or similar).
2) Color sample shall be submitted for approved by Architect.

6. Features:

a. Finish all edges exposed to view.
b. Drip Edge:

1) Provide under all work surface exposed edges, unless noted otherwise on the Laboratory Furnishing Drawings.
2) Where the top overhangs 1 inch [25mm]: 1/2 inch [13mm] from the edge.

c. Edge profile: All exposed upper edges and corners: 1/4 inch [6mm] radius, or 1/8 inch [3mm] bevel.
d. Curbs and Splashes: Bonded to the surface of the top to form a square joint.
e. Provide all holes and cutouts as required for built-in equipment and mechanical and electrical service fixtures. Verify size of opening with actual size of equipment to be used prior to making openings. Form inside corners to a radius of not less than 1/8 inch [3mm]. After sawing, rout and file cutouts to ensure smooth, crack-free edges. Seal exposed edges after cutting with a waterproofing material recommended by the manufacturer.

Part 2 -Products, Section 2.5, A Epoxy Resin, 1 through LABORATORY WORK SURFACES, Subsection A Epoxy Resin, 9. DEMENSIONS has been hereby removed and revised to read:

9. Dimensions:

a. Core Material Thickness: 1 inch .

Part 2 -Products, Section 2.5, A Epoxy Resin, 1 through LABORATORY WORK SURFACES, Subsection A Epoxy Resin, 10. Materials; a. Core Material 1) Typical: M2 Particleboard a) through h) has hereby been removed..

10. Materials:

a. Core Material:

1) (NAUF: No Added Urea formaldehyde) with the following attributes:

a) 3-ply, FSC Certified, 100 percent pre-consumer recycled wood fiber

particleboard with no urea formaldehyde added during the manufacturing process.

b) California Air Resources Board (CARB) Compliance: Composite wood products in this section must incorporate a label that clearly identifies compliance with the Airborne Toxic Control Measure (ATCM) Title 17, California Code of Regulations 93120.
c) Formaldehyde Emissions: 0.00 to 0.01 ppm.
d) Reference Standards: Average density of 689 to 721kg/m^3 43 to 45 PCF meeting or exceeding ANSI Standard A208.1 M2 PB Standard specifications, current edition.
e) Moisture Content: less than 8 percent.
f) Binder: Urea formaldehyde-free adhesive system.
g) Formaldehyde Emissions: 0.00 to 0.01 ppm.
h) Flame spread: ASTM E84 Class 3 or C.

Part 2 -Products, Section 2.5, A Epoxy Resin, 1 through LABORATORY WORK SURFACES, Subsection A Epoxy Resin, 10. Materials; a. Core Material 2) THICKNESS;, a) Work Surface has been hereby revised to read:

a) Work surface: 1 inch [25mm]. OR 1 ½ inch is acceptable

Part 2 -Products, Section 2.5, A Epoxy Resin, 1 through LABORATORY WORK SURFACES, Subsection A Epoxy Resin, 10. Materials; a. Core Material 2) THICKNESS;, a) has been hereby removed and replaced with the following:

4) Edging: Standard Bullnose

Part 2 -Products, Section 2.5, B. Solid Core: 4. CONSTRUCTION/FABRICATION, b.,1) has hereby been removed and replaced with the following:

1) Manufacturer's standard

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