Attachment D – Specific Scope of Work

Unit 11D – Clean Bedding Delivery System

This work shall include all items indicated in Section A: General Scope of Work, as such items apply to this work unless specifically noted otherwise herein.

This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provision related to the Subcontractor’s execution of the Work and the Project. The details of the scope of work are further defined in Drawings, Specifications, and other provisions contained in the Project Documents.

This work primarily includes, but is not limited to the following specification sections as well as related work specified or shown elsewhere in the Contract Documents:

- General Requirements as specified in contract documents
- 11 54 00 Vivarium Equipment

***Note: This Subcontractor is responsible for the requirements of the complete Contract Documents as they pertain to this Unit of Work.

Specific Scope of Work

1. This scope of work is intended to include the design, coordination, fabrication, assembly, installation, startup and commissioning of a clean bedding delivery system for the University of Kentucky RB2 Cagewash.

2. Submit a document of specification compliance along with RFP proposal noting acceptance of all specification sections and confirming any specification deviations. This document is not intended to infer acceptance of any specification deviations. This document shall confirm that equipment will be provided to match the air pressure and flow, voltage and amperage indicated on contract documents.

3. It is strongly recommended that subcontractor perform field measurements to assure accurate fabrication before submission of RFP. These field measurements shall be provided on the final shop drawings and shall be incorporated into fabrication procedures. These measurements shall address location, size and depth of existing pits and floor drains, and existing walls, overhead clearance in bedding storage room, structure and MEP systems. Field dimensions for corridors, elevators, doorways and other restrictions along the equipment delivery path shall be verified at the same time. Equipment shall be coordinated to fit through all existing and planned doorways and corridors and to not exceed allowable floor/elevator loading.

4. Submit detailed submittals within four weeks of contract award, including but not limited to dimensions, weights, heat and cooling loads, pipe and duct connection sizes, electrical information, material and product data. Note that attachment to floor cannot exceed 3” depth to avoid damaging underfloor waterproofing system.
5. Provide a complete list of spare parts along with price list. Prices for spare parts are to remain valid for 90 days after date of substantial completion.

6. Provide dimensioned 3D models of all equipment compatible with CAD, Revit and Navisworks for use by the project team for coordination. These models shall be dimensionally accurate and include accurate locations of control devices, conduit and pipe connections.

7. Clean Bedding Delivery System shall consist of Bulk Bag Unloader, Filter Receiver, Central Vacuum Producer, Dust Collector, Bedding Dispenser, Control Panels and all Piping. Confirm proposed location of each major piece of equipment in RFP response (Bedding Storage or Clean Cagewash).

8. Fabrication of equipment shall not exceed 8 weeks from date of submittal approval.

9. Provide shipping FOB jobsite for all equipment.

10. This subcontractor shall be responsible for receiving, unloading, setting and installation of Clean Bedding Delivery System. All equipment required to transfer equipment and material from delivery vehicle to final location shall be by this subcontractor. Subcontractor shall coordinate with Whiting-Turner at least four weeks prior to delivery date to confirm crate dimensions and delivery path. Provide all protection for finishes and any shoring required for equipment delivery and installation. Costs for any damage to existing building or area under construction during delivery and installation will be the responsibility of this subcontractor.

11. Setting and installation is to include all final assembly, levelling of equipment to existing substrate, attachment to substrate, and connection of all internal components of equipment to provide a single point of connection for each system. This subcontractor shall be responsible for connections between equipment and control panels.

12. Coordinate with mechanical and electrical contractor for connections to equipment. Costs incurred by any subcontractors due to changes from the approved equipment submittals will be backcharged to this subcontractor. MEP subcontractors onsite will only provide connections as shown on contract documents, clean bedding system subcontractor shall extend services from equipment to the locations shown on contract documents.

13. Provide final hookup, programing, start up, testing, certifications, training, etc. as noted in the Contract Documents.

14. Training shall include a minimum of two full days of onsite training. Subcontractor shall plan for two separate mobilizations for training as these days may not be concurrent and may not take place immediately upon startup.

15. Provide alternate pricing for factory acceptance test along with detailed description of scope of testing.
16. Notify construction manager four weeks in advance of field testing. Coordinate field testing with mechanical contractor and owner. Testing shall be performed using owner’s actual bedding material.

17. Provide alternate pricing for five year service contract along with detailed description of scope included in service contract.