Invitation for Bids (IFB 26-05)

Cage and Bottle Washer

Addendum #1 – Vendor Questions & JSU Answers

1. **Question**: Last time we bid this, there was a steam unit specified, however it was determined that steam was not available. This bid lists steam as BOD. Is steam available, if so, what is the pressure?

   Answer: **Steam is not available because the building is not equipped for steam**.

2. **Question:** What is the electrical configuration desired for the main connection? 480V/3ph/60Hz or 208V/3ph/60Hz?

   - Note – this electrical connection is not associated with the heating of the water, this is to be provided by steam mentioned above.

   Answer: **Steam is not available. The building can handle 208V/3ph/60Hz. Field verification is required.**

3. **Question:** Exhaust connection to HVAC is specified, we bid this before and there was no exhaust available. Is exhaust available and if so, what are the CFM's available?

   Answer: **An existing HVAC exhaust connection is potentially available for tie-in; however, the volumetric airflow capacity (CFM) is currently undetermined and will require field verification.**

4. **Question:** Water connection – What is the GPM and temperature of the incoming hot water? Cold water available as well? If so, what GPM?

   Answer: **Electrical exhaust is required. Jackson State University has new equipment to assist the cage washer: Rheem-RUUD (part#: E10-12-G) electric water heater, 204V, 10 gal and a Thomas Portable air compressor [quiet, oil free, 2 gal, hot dog, 0.5hp, 0.85 cfm @ 90 psi, 120V AC. Field verification is required.**

5. **Question:** Compressed Air – is a dry/oiless air available, PSI available?

   Answer: Thomas Portable air compressor [quiet, oil free, 2-gal, hot dog, 0.5hp, 0.85 cfm @ 90 psi, 120V AC

6. **Question:** Drain –What is the drain size available? While on site, appeared as if the drain was not sufficient to handle the temperature due to PVC type, has this been re-worked or will it be changed to handle the discharge water?

   Answer: **The existing drain connection consists of a 1½-inch PVC discharge line tied into a 3-inch floor drain connector pipe. Field verification is required to confirm pipe material suitability, thermal ratings, and compatibility with the proposed equipment's discharge temperature and flow rate.**

7. **Question:** Can you provide the complete technical specifications and required quantity for the cage and bottle washer?

   Answer: One combination cage and bottle washer must provide a minimum cycle capacity of approximately twenty (20) cages (12" L × 8" W × 7" H) and watering bottles. If the proposed unit cannot accommodate the university's existing cages and bottle inventory, replacement cages, bottles and wash racks must be included. Sliding vertical front door opening; right hand services; no pass-thru unit; electrical exhaust. Field verification is required.

8. **Question:** Is the university requesting a combination unit or separate washing systems?

   Answer: A single combination washing system designed to process both animal cages and watering bottles is requested.

9. **Question:** Is there a preferred manufacturer or model, or are equivalent products acceptable?

   Answer: Equivalent products are acceptable.

10. **Question:** Will installation, plumbing, electrical connections, or onsite setup be required?

    Answer: Yes. Turnkey installation is required, including all onsite mechanical, plumbing, HVAC, and electrical utility tie-ins. Full system commissioning and operational verification must be completed prior to final acceptance and handoff to Jackson State University. Field verification is required.

11. **Question:** What is the exact delivery location, and what is the anticipated delivery timeline?

Answer: **1400 John R. Lynch Street, John A. Peoples Building, Room 401; The anticipated delivery date is 60 days or earliest possible delivery date, whichever is sooner.**

12. **Question:** Are there specific warranty, maintenance, or operator training requirements?

Answer: **Yes. A standard Original Equipment Manufacturer (OEM) warranty, accompanied by a minimum two-year preventative maintenance (PM) and service agreement, is required. Additionally, on-site operational and safety training must be completed for all designated facility personnel prior to equipment commissioning.**

13. **Question:** Are there any additional bidding documents or manufacturer authorization requirements?

Answer: **Electrical exhaust is required. Jackson State University has new equipment to assist the cage washer: Rheem-RUUD (part#: E10-12-G) electric water heater, 204V, 10 gal and a Thomas Portable air compressor [quiet, oil free, 2 gal, hot dog, 0.5hp, 0.85 cfm @ 90 psi, 120V AC]. Field verification is required.**

14. **Question:** Is this equipment intended to replace an existing cage and bottle washer? If so, could you provide the current manufacturer's name and model number, along with any facility space or utility limitations?

Answer: **This equipment will replace a discarded Scientek SW5200 (S/N 100474-1512). Please note that the fourth-floor room measures approximately 10-ft 11-in wide by 19-ft 11-in long, with a floor-to-ceiling height of 108 inches. The building is not equipped with steam. The building is equipped with two (2) standard commercial (US) elevators. Field verification is strongly required.**

15. **Question:** Are there any requirements for removal or disposal of the existing equipment?

Answer: **No requirements; old equipment has been removed.**

16. **Question:** Should clarification questions be submitted directly to your office or through the Mississippi procurement portal? Will responses be provided through a formal addendum?

Answer: **Clarification questions should be submitted directly to our office and responses will be posted as Addendum #1 on the JSU website on November 24th. The website address is**: https://www.jsums.edu/businessfinance/bid-information/#Learn