

Pre-RFQ Meeting for KSU-23S026 – January 27, 2023

Questions asked by Attendees:

1. Has the cage washing equipment been selected?
 - a. KSU has been in contact with Lynx, would like to purchase the equipment by June 30, 2023 to account in this fiscal year which supports KSU's R1 status. Will have equipment selection to design around.
2. What about bedding and removal equipment?
 - a. Nothing has been planned for this.
3. Is the purchase of this equipment in the \$3.6 million budget?
 - a. Yes.
4. What equipment does Kent State have now?
 - a. One cage washer and one tunnel washer. They were purchased in 2003 and are obsolete. Not able to replace parts.
 - b. The tunnel washer is the primary equipment that Kent State is interested in.
5. Kent is looking at Lynx Cage Washer 410LX pass-through and Lynx Tunnel Washer LSI
6. Is there limitations on access?
 - a. Right below this area are teaching labs and lavatories. Access will be given.
7. Is there a plumbing chase?
 - a. Runs on floors 1 and 2 from east to west. Will need a new riser system.
8. Are there requirements on electric?
 - a. This project can't fund updates to electric. Everything is current as of the 2017 update.
9. The BSL-3 facility?
 - a. This will be moved to another building. Perhaps they will also move the MRI machine. This will be discussed by the department.
10. Any anticipation on adding other rooms to this project?
 - a. Depends on the budget.
 - b. There are three mouse rooms that don't have high density storage at this time.
11. Jay can provide floor plan to the short-listed firms.
12. How will the hallways be set up?

- a. Every other hall will be dirty. This has not yet been established what the actual flow will be.
13. Is HVAC up to date?
- a. Yes. There is an AHU specific for this floor and this project is anticipating a reconnect and redistribution for this space.
14. The RFQ mentions “portions of the third floor” will be in the project scope. What is the approximate square footage of the project area? Can a floor plan of the proposed project area be provided?
- a. The proposed area for renovations totals 3,000 SF. A floor plan was reviewed at the Pre-Submission meeting to help communicate the scope of work. Floor plans will be shared with the short-listed firms.
15. At the pre-submission conference it was mentioned that both mouse and rat colonies are housed in the vivarium. Can you provide additional information on the number of animals of each species?
- a. We house approximately 5000 mice in 1700 cages in the facility. We house approximately 400 rats in 200 cages. No other species are housed in Cunningham Hall.
16. Are there specific research focus areas of the animal program? If so, are there particular animal models (e.g. immunodeficient, SPF, gnotobiotic, transgenic, etc.) housed for different research programs?
- a. We have several strains of Transgenic mice.
17. Is research funded by external agencies required to adhere to specific facility guidelines? For example, National Institutes of Health (NIH) funded laboratories are designed to the Design Requirements Manual (DRM).
- a. We have funding by NIH, NSF, and DoD / DoA
18. Are animal models propagated (bred) in the vivarium?
- a. Yes
19. What is the current and anticipated BSL / ABSL rating requirement for the vivarium and animal research spaces?
- a. Nothing over BSL2
20. Is the vivarium design intended to be a barrier facility for either bio-exclusion or biocontainment?
- a. No barrier
21. What is the typical housing for animals in the vivarium? For example, conventional caging, microisolator / IVC, DVC, other? Is the housing expected to change as this project is executed?
- a. We have nearly 1000 cages of IVC mice and over 700 static open top mouse cages. We also have between 200 and 300 static open top rat cages at any given time. Our total capacity is 1890 IVC cages and 1080 static mouse cages. We can house up to 750 rat cages.
22. Does the vivarium program include animal procedure, animal surgery and/or necropsy?
- a. No, those functions are provided already in the vivarium.

23. The RFQ references vivarium accreditation experience. It is assumed then that the design will, at a minimum, follow the NRC's *Guide for the Care and Use of Laboratory Animals* and the team will work to achieve voluntary accreditation with AAALAC International, correct?
- a. We are fully accredited by AAALAC and the NRC Guide must be followed.
24. Is the University aware of any hazardous materials in the space? Do we need to provide a hazardous material assessment/consultant?
- a. Yes, the university has a hazardous materials report for this facility. The design team will need a hazardous materials consultant to provide the documentation for the removal of material identified in the report.

Attendees:

Joseph Graham	KSU	Jeremy Bowers	Karpinski Engineering
Cindy Pizzuto	KSU	Don Rerko	Makovich & Pusti Arch.
Angelo Pirali	Ayers Saint Gross	Melissa Haver	Osborn Engineering
Chris Brown	DRAW Collective Arch	Jeff Foster	Payto Architects
Philip Lanier	DS Architecture	Vladimir Novakovic	Perspectus
Adam Yaracs	IKM Architecture	Todd Griffith	Stantec Architecture