Capital Project Request  
2023 - 25 Biennium

**Agency**  
University of Wisconsin

**Institution**  
Madison

**Facility ID**  
285-0A-9950

**Facility Name**  
Multi Building

---

**Project ID**  
21E2T

**Project Title**  
Multi-Building AAALAC Accreditation Repairs

---

**Project Intent**

This project provides investigation and research, pre-design, and design services in accordance with the DFD Consultant Policy & Procedure Manual to complete the predesign, design and construction to perform required renovations to bring the Birge Hall, Brogden and Noland Building’s vivaria up to AAALAC accreditation standards. Project scope and budgeting is based on a study completed, DFD 13H2M. The scope of the project was taken from this study and budget numbers escalated from the study.

---

**Project Description and Scope**

1. **Birge Hall**
   
   This project will seek to remodel roughly 3,650 ASF of vivarium and support space on B2, B1 and 5th floors. The project scope includes: improve enclosure and add a ceiling to B2 level procedure room, seal or replace wood doors/frames, and demolish wood casework, degraded plastic laminate countertops and shelving, wooden storage and support components. Remove the vivarium function from north end of 5th floor, move the surgery suite to room 517, and redefine the vivarium barrier. Renovate 5th floor cage wash and replace washer. Establish a clear PPE gowning area. Seal penetrations throughout the vivarium. Re-balance ventilation system to meet animal standards. Revise ductwork, diffusers, grills as necessary to accommodate new ceilings. Minor modifications to existing 120V distribution system. Replacement of existing lighting systems in B1 and 5th floor areas with new ceiling installed in B1.

2. **Brogden Psychology Building**
   
   This project will redefine 5th floor vivarium boundary including adding a corridor to provide compliant egress. Add secured door at 5th floor boundary including a PPE gowning area. Renovate cage wash and replace washer. Add unisex locker room on 6th floor. Correct non-code compliant stair at 6th floor north end. Repaint animal areas with epoxy paint. Demolish and replace wood casework and delaminated plastic counters and wood components with stainless steel. Replace ceilings in animal areas with sealed system. Seal penetrations throughout the vivarium. Re-balance ventilation system to meet animal standards. Revise ductwork, diffusers, and grills as necessary to accommodate new ceilings. Provide exhaust fan and associated ductwork to serve rooms 565, 567, and 567A. Provide new power distribution to remodeled areas. Replace existing lighting system on 5th and 6th floors.

3. **Noland Zoology Building**
   
   This project consists of renovating the cage wash and replacing the washer. Add gender neutral locker room to 4th floor. Replace some ceiling systems in animal areas with sealed systems. Seal penetrations throughout the vivarium. Re-balance ventilation system to meet animal standards. Revise ductwork, diffusers, and grills as necessary to accommodate new ceilings. Replace wall receptacles in the basement rooms with GFCI outlets. Replace lighting in rooms 18 and 18A.

---

**Project Justification**

Of the five animal programs on the UW-Madison campus, the L&S program is the only one which is not AAALAC accredited. There continues to be pressure from campus to accredit the L&S program so the campus animal program can be accredited as a whole unit instead of as individual programs. Although the program is able to meet the requirements of the University’s PHS assurance and the requirements of animal care, L&S vivaria have regulatory deficiencies in HVAC systems, sanitizable surfaces, defined animal barriers, cage wash configuration, etc. Furthermore, the vivaria, most of which exist in spaces not originally intended as vivarium space, are dated and contain aged finishes and antiquated equipment.

The animal vivaria are an essential service as defined by campus. Updating the facilities to an AAALAC accreditable standard would serve to improve animal and human safety, serve University and College animal program needs, and address the excessive amount of deferred maintenance in these dated facilities. In addition, improvements to the vivaria will better support the research mission of the departments which use the facilities.
Consultant Requirements
Consultants should have specific expertise and experience in the design and coordination of vivarium and related building systems including mechanical, structural and electrical engineering and fire code expertise as part of a design team. Work includes site surveys, acquiring field data, and verifying as-built conditions to assure accurate development of design and bidding documents, and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants. The consultant will verify project scope, schedule, and budget estimates, and recommend modifications as required to complete the specified project intent. The consultant will prepare a pre-design document to establish an appropriate project scope, budget, and schedule prior to the university seeking authority to construct from the Board of Regents and State Building Commission.

Project Schedule
A/E Selection: Mar 2022  Contact Name: Kurt Beilman
Design Report: Apr 2023  Contact Email: Kurt.Beilman@wisc.edu
SBC Approval: Aug 2023  Contact Phone: 608.890.1499
Bid Opening: Sep 2023
Start Project: Dec 2023
Substantial Completion: Dec 2024
Project Close Out: Feb 2025

<table>
<thead>
<tr>
<th>Project Budget</th>
<th>Funding Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>GFSB: $0</td>
</tr>
<tr>
<td>Hazardous Materials:</td>
<td>PRSB: $0</td>
</tr>
<tr>
<td><strong>Total Construction:</strong></td>
<td>Cash: $285,000</td>
</tr>
<tr>
<td>Design Fees (Basic):</td>
<td>Gifts: $0</td>
</tr>
<tr>
<td>Design Fees (Other):</td>
<td>Grants: $0</td>
</tr>
<tr>
<td><strong>Total Design Fees:</strong></td>
<td>BTF: $0</td>
</tr>
<tr>
<td>Contingency:</td>
<td>Other (Please Describe): $0</td>
</tr>
<tr>
<td>Management Fees:</td>
<td>Other (Please Describe): $0</td>
</tr>
<tr>
<td>Furnishings/Fixtures/Eqpt:</td>
<td>Other (Please Describe): $0</td>
</tr>
<tr>
<td><strong>Total Budget Estimate:</strong></td>
<td>$7,397,000</td>
</tr>
<tr>
<td><strong>Total Funding Sources:</strong></td>
<td>$285,000</td>
</tr>
</tbody>
</table>