



UNIVERSITY OF ARKANSAS

Request for Qualifications – Architects BIOLOGY GREENHOUSE EXPANSION

The University of Arkansas Fayetteville, in accordance with the policies of the Board of Trustees, is soliciting responses from qualified architects for *Biology Greenhouse expansion*.

PROJECT DESCRIPTION

The Biology Greenhouse was built in 2013 to support the research of the Department of Biological Sciences within the Fulbright College of Arts and Sciences. A previous greenhouse was demolished the same year to make way for Champions Hall (completed 2015), which allowed for more undergraduate-focused instructional space in the center of campus. The new greenhouse was placed near the edge of campus on a site that would allow for future expansion. The site was prepared and the building designed in such a way that two additional wings could easily be constructed adjacent to the pair of original wings.

The building currently houses research for six investigators, with over \$11 million in funding from sources including the National Science Foundation, United States Geological Survey, Arkansas Game and Fish Commission, Animal Behavior Society, etc. The need for additional space is the result of both department growth, including new and future faculty whose work requires greenhouse space, and grant obligations for the existing research. A sample of the current research is listed below. A more detailed list of current and future research project, their funding sources, and their physical requirements will be provided to shortlisted design teams.

*example 1: Biology Integration Institute: Host-virus evolutionary dynamics institute INFEWS/T3
RCN: Brazil, Argentina, Columbia, and United States*

example 2: Effects of increasing dopamine on visual learning in the butterfly Bicyclus anynana

example 3: Constructing a distributional map for winter stonefly species of greatest conservation need in Arkansas

example 4: Integrating spatial data for predicting the influence of altered hydrologic and thermal conditions on fish assemblage traits and taxa across stream flow regimes

*example 5: National Science Foundation Career Research Experiences for Undergraduates (REU)
Supplement: A role for local adaptation in shaping species coexistence*

This project will add one new wing to the building's two original wings, including both headhouse and greenhouse components. The new headhouse will accommodate instructional use, while the new

greenhouse will expand the department's available research space. Because the new wing will house butterflies that are classified as an invasive species in Arkansas, it must be designed to meet US Department of Agriculture-Animal and Plant Health Inspection Service (USDA-APHIS) regulations for containment. It is expected that during the programming process, the design team will suggest ways in which the university can optimize use of the full facility based on research requirements, mechanical and electrical systems, containment protocols, etc.

PROJECT COST

The total project cost is currently estimated at \$1.75 million. Total project cost includes the construction cost and soft costs like design fees. Architects and consultants will work with a university building committee, an independent third-party commissioning agent, and Facilities Management to advance campus master planning and design principles, as well as sustainability requirements. *Note that this will be a low-bid project.*

ANTICIPATED PROJECT SCHEDULE

<i>Request for Qualifications (RFQ) issued</i>	<i>December 16</i>
<i>Statement of Qualification (SOQ) due</i>	<i>January 10, 2023</i>
<i>interviews of shortlisted firms</i>	<i>January 31</i>
<i>Board of Trustees selection announced</i>	<i>March 15</i>
<i>contract negotiations</i>	<i>April 2023</i>
<i>design starts</i>	<i>May 2023</i>
<i>construction starts</i>	<i>January 2024</i>
<i>project complete</i>	<i>July 2025</i>

SUBMISSION

The deadline for responses is 1:00pm local time on Tuesday, January 10, 2023.

All respondents will be notified of the results by EMAIL, so please provide accurate contact information.

Address [ten \(10\)](#) copies of responses to:

Todd Furgason, Senior Campus Planner
University of Arkansas
Facilities Management Planning and Design
521 S. Razorback Road, FAMA C-100
Fayetteville, AR 72701

Notice to design teams:

The University of Arkansas Board of Trustees has expressed a clear preference for design teams that include an Arkansas architect. Please note that this will be considered during the selection process.

Format requirements:

Printed responses should be no larger than 8.5in x 11in, limited to **50 sheets maximum (100 pages)**, fully recyclable (i.e. no plastic covers, plastic tabs, etc.) and bound with glue, staples, or thread (i.e. perfect bound, saddle stitching, etc.). No metal or plastic coils allowed. **Responses that do not meet these requirements will be disqualified.**

Please send a digital copy of the response via email to toddf@uark.edu in addition to the printed booklets.

To avoid potential conflicts of interest, respondents should not communicate with university faculty or staff about this project. This document provides the relevant information for assembling a Statement of Qualifications. If you have questions about the selection process or the project scope, you can send them via email to toddf@uark.edu.

Content requirements:

Include the information below and organize it in an easily accessible manner. You do not need to divide the response into chapters exactly matching the descriptions below. **Responses that do not include the required licensure information will be disqualified.**

1. Proof of licensure or eligibility:

Architects: All firms shall be licensed, or eligible for licensure, in the State of Arkansas. Eligible firms not currently licensed in Arkansas must send a letter to the Arkansas State Board of Architects (501-682-3171/501-682-3172 fax) stating their intent to respond to an RFQ issued by the University of Arkansas. Please include project name, submittal date, and proof of valid NCARB certification in the letter. Consulting and joint venture firms are also required to be licensed by the Arkansas State Board of Architects. Notification to the State Board must be made PRIOR to responding to this solicitation, and **A COPY OF EITHER A VALID ARKANSAS LICENSE OR THE LETTER OF INTENT TO THE STATE BOARD DESCRIBED ABOVE FOR ALL TEAM MEMBER FIRMS MUST BE INCLUDED WITH THE RESPONSE.** The final selected firm(s) will have 30 days to make application for corporate licensure after they are awarded the contract.

Landscape Architects: All firms shall be licensed by the Arkansas State Board of Architects, Landscape Architects, and Interior Designers. **A COPY OF A VALID ARKANSAS LICENSE MUST BE INCLUDED WITH THE SUBMITTAL.**

Civil Engineers: All engineers shall hold individual licenses in the State of Arkansas, and all engineering firms shall hold a valid Certificate of Authorization (COA) issued by the Arkansas State Board of Licensure for Professional Engineers and Professional Surveyors.

Joint venture firms are also required to hold a COA. A COPY OF A VALID ARKANSAS CERTIFICATE OF AUTHORIZATION MUST BE INCLUDED WITH THE SUBMITTAL.

2. Organizational chart for design team and all consultants
3. **Specific project experience** (within the past five years) with design of university research laboratories and their programmatic, spatial, and technological requirements
4. **Specific project experience** (within the past five years) with spaces and systems supporting biological sciences research, as well as a general familiarity with national, state, and non-profit funding sources and their typical grant requirements that may inform project design
5. **Specific project experience** (within the past five years) with spaces and systems the meet USDA-APHIS regulations
6. Current office size, personnel description, and workload
7. Experience constructing projects under nationally-recognized sustainable rating systems
8. Experience with fully commissioned projects
9. Proof of current professional liability insurance coverage (\$1,000,000 minimum required)
10. List of projects currently under contract with state agencies or educational facilities
11. Statement of diversity in the workforce, if applicable
12. Certificate of women-owned or minority-owned business, if applicable

PROFESSIONAL SERVICES REQUIRED

PROGRAMMING, FEASIBILITY ASSESSMENTS, GRAPHIC PRESENTATION, SITE PLANNING, CIVIL ENGINEERING, LANDSCAPE DESIGN, INTERIOR DESIGN, COST EVALUATION, SCHEMATIC DESIGN, DESIGN DEVELOPMENT, CONSTRUCTION DOCUMENTS, CONSTRUCTION ADMINISTRATION, AND PROJECT CLOSEOUT.

LOCATION

The Biology Greenhouse is located at the far southwest corner of central campus, near MLK Jr Boulevard.

