

Request for Qualifications (Registered Design Professional*)

State of Ohio Standard Forms and Documents

Administration of Project: Local Higher Education

Project Name	<u>Brain & Spine - AHU Review/Repair</u>	Response Deadline	<u>04/14/2025</u>	<u>2:00 PM</u>	local time
Project Location	<u>Brain and Spine Hospital (0372)</u>	Project Number	<u>OSU-200524</u>		
City / County	<u>Columbus / Franklin</u>	Project Manager	<u>Alexandra Radabaugh</u>		
Owner	<u>The Ohio State University</u>	Contracting Authority	<u>Local Higher Education</u>		
Delivery Method	<u>Construction Manager at Risk</u>	Prevailing Wages	<u>State</u>		
No. of paper copies requested (stapled, not bound)	<u>0</u>	No. of electronic copies requested (PDF)	<u>1</u>		

* "Registered Design Professional includes any architect holding a certificate issued under section 4703.10 of the Revised Code, any landscape architect holding a certificate issued under section 4703.36 of the Revised Code, or any engineer holding a certificate issued under section 4733.14 of the Revised Code." (Ohio Building Code section 4101:1-2-01 Definitions)

Submit the *Statements of Qualifications* (Form F110-330) via email to Brain_Spine_-_AHU_ReviewRepair.01_Selection5@docs.e-builder.net. In the subject line, include the project number and name for RFQ you are responding to. See Section J of this RFQ for additional submittal instructions.

Submit all questions regarding this RFQ in writing to Alexandra Radabaugh at radabaugh.52@osu.edu with the project number included in the subject line (no phone calls please). Questions will be answered and posted to the Opportunities page on the OFCC website at <https://ofcc.ohio.gov> on a regular basis until one week before the response deadline. The name of the party submitting a question will not be included on the Q&A document.

Project Overview

A. Project Description

The Ohio State University Wexner Medical Center (OSUWMC) Brain and Spine Hospital located at 300 W. 10th Ave Columbus, Ohio 43210, is predominantly served by twelve (12) custom air handling units. These AHU's are located inside of mechanical equipment rooms on the first, fourth, fifth and thirteenth floors of the building. These AHU's were installed in 1984-1985 and are single pass units (AHU-1, 2, 3 and 8), dual deck units (AHU-4, 5 and 6), a multizone unit (AHU-7) and 100% OA units (AHU-9 and 10) with associated heat recovery units (AHU-11 and 12).

The scope of this project is to either repair or replace the twelve (12) custom air handling units and AHU-13 presently serving the Brain and Spine Hospital. All controls, as they relate to the AHUs, shall be converted from pneumatic to direct digital controls (DDC) and integrated with the existing Building Automation System (BAS). The design team will be responsible for working with our WMC planning team to understand the backfill plan as it relates to the Inpatient Hospital departmental moves and will partner with the Construction Manager at Risk (CMR) to identify phase and budget efficiencies.

The primary goals of the project are:

1. To safely replace or repair the AHU components in a methodical, phased sequence of construction with the occupied hospital area(s) being temporarily served by a roof or grade mounted HVAC unit(s). The hospital areas will not be shutdown of HVAC service unless on a weekend for unit switchovers.
2. To analyze each AHU with respect to overall condition of the unit cabinet including the flooring.
3. To have the AHUs deliver a design airflow based on building IAQ and a future anticipated load.
4. To have the AHUs meet the HVAC requirements of ANSI/ASHRAE/ASHE Standard 170 – 2017 – Ventilation of Healthcare Facilities. The AHUs shall be designed to comply with ASHRAE 90.1 – 2016 according to OSU Division 18, Sustainability Standards.

A previous study with an estimated construction budget has been previously developed and will be shared with the shortlisted firms.

Scope of work is subject to change.

This project is required to be designed and delivered within a collaborative BIM-enabled environment following The Ohio State University BIM Project Delivery Standards. The Primary firm submitting for the project will be required to have the BIM expertise capable of meeting the aforementioned standards. The Ohio State University BIM Project Delivery Standards can be accessed via the OSU FOD website: [BIM Project Delivery Standards](#).

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The minimum required BIM Use Cases for this project are noted below. Details on the BIM Uses Cases are outlined in Section 2 of the Ohio State University BIM Project Delivery Standards.

Design BIM Use Case	Required	Additional Notes
2.3.1.1. Model Authoring – Design Intent BIMs (Required for the Architectural team and the Engineering team)	X	
2.3.1.2. Model Authoring – Design Intent BIMs (Required for the architectural team, preferred for the engineering team)		
2.3.2. Existing Conditions Documentation/Modeling	X	
2.3.3. Program of Requirements (PoR) Validation	X	
2.3.4. Site Design		
2.3.5. Model Based User Group Meetings/Reviews	X	
2.3.6. Sustainability (Energy Modeling/Simulation and Performance)/ Design Simulation/Analysis	X	
2.3.7. Clash Prevention	X	
2.3.8 Quantity Schedule	X	
Construct BIM Use Case	Required	Additional Notes
2.4.1. Model Authoring – Trade Coordination BIMs	X	
2.4.2. Model Authoring – Shop/Fabrication BIMs	X	
2.4.3. Clash Detection	X	
2.4.4. Model-based Scheduling (Sequencing/Simulation)	X	
2.4.5. Model-based Estimating (Quantification/Cost Estimating)	X	
2.4.6. Site Analysis Planning		

The minimum required deliverables for this project are noted below. Details on the BIM deliverables are outlined in Section 4 of the Ohio State University BIM Project Delivery Standards

Deliverable	Required
BIM Execution Plan	X
Design Intent BIMs	X
Revit Model Rule Set Results	X
Interim Architectural and Structural Conformed Design Intent BIMs	X
Project Base Point	X
Conformed Design Intent BIMs	X
Interim Asset Worksheet	X
Final Asset Worksheet	X

This project includes asset tagging. The Primary firm submitting for the project is required to have the expertise capable of meeting this prerequisite and is responsible to support their consultants to meet this requirement. The Asset Tagging Process Diagram, Asset Worksheet Template, and LOD Matrix can be accessed via the OSU FOD website (<https://fod.osu.edu/resources>) under Design Guidelines, Specifications, Standards; Specifications and Standards; Building Information Modeling (BIM).

B. Scope of Services

The project shall follow the applicable University Sustainability Standards: https://fod.osu.edu/sites/default/files/div_18.pdf.

The selected A/E, as a portion of its required Scope of Services and prior to submitting its proposals, will discuss and clarify with the Owner and/or the Contracting Authority, the cost breakdown of the Architect/Engineer Agreement detailed cost components to address the Owner's project requirements. Participate in the Encouraging Growth, Diversity & Equity (EDGE) Program as required by statute and the Agreement. Required Professional Liability Insurance will be per Exhibit A – A/E Terms and Conditions Article 7.2.6.

As required by the Agreement, and as properly authorized, provide the following categories of services: Program Verification, Schematic Design, Design Development, Construction Document Preparation, Bid and Award Support, Conformed Documents, Construction Administration, Post-Construction, and Additional Services of all types.

Refer to the *Ohio Facilities Construction Manual* for additional information about the type and extent of services required for each. A copy of the standard Agreement can be obtained at the OFCC website at <https://ofcc.ohio.gov>.

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The selected A/E will be required to sign the standard agreement. No modifications to the requirements in the agreement will be accepted.

During the construction period, provide not less than 20 hours (excluding travel time) on-site construction administration services each week, including (1) attendance at progress meetings, (2) a written field report of each site visit, (3) on-site representation comprised of the A/E and its consultant staff involved in the primary design of the project, all having relevant and appropriate types of construction administration experience.

The project team (Owner / A/E / Contractor) will be required to utilize the University's Project Management System, for all compatible services required by the University.

The Ohio State University is dedicated to providing a safe and healthy environment for students, patients, staff, visitors, and contractors. While not exclusive, guidelines governing safety expectations for construction/ renovation projects within Ohio State buildings are set forth in the Building Design Standards Appendix V and are summarized here: <https://fod.osu.edu/resources>, under the section titled "Construction Site Safety Requirements."

Closeout Services: The closeout for this project is required to be delivered in an electronic cloud-based format using the e-Builder Project Management System and adhere to The Ohio State University Project Closeout Standards. The Ohio State University Project Closeout Standards can be accessed via the OSU FOD vender resource website (<https://fod.osu.edu/resources>) under Post Construction / Close Out.

The A/E will comply with applicable OSU Wexner Medical Center policies, including the Identification Badge Policy, which incorporates the Non-discretionary Vaccination Policy/Employee Health Infection Control and Background Check Policies, as identified at <https://wexnermedical.osu.edu/utility/footer/vendor-interaction>. The A/E is responsible for all costs incurred related to compliance with these policies.

For purposes of completing the Relevant Project Experience Matrix in Section F of the *Statement of Qualifications* (Form F110-330), below is a list of relevant scope of work requirements for this RFQ:

1. Renovation experience in an occupied Medical / Healthcare facility
2. Experience with multi-phased complex renovations including heavy MEP design and coordination
3. Sustainable Design Experience
4. Projects delivered in a collaborative BIM-enabled environment

For the purpose of the selection of 10 Relevant Projects in Section F of the Statement of Qualification (Form F110-330), projects must be designed by the Lead Firm.

C. Estimated Budget / Funding

State Funding: \$0
Other Funding: \$47,000,000
Construction Cost: \$36,000,000
Total Project Cost: \$47,000,000

D. Anticipated Schedule

Professional Services Start: 06 / 25
Construction Notice to Proceed: 03 / 26
Substantial Completion of all Work: 10 / 29
Professional Services Completed: 02 / 30

E. Estimated Basic Fee Range (see note below)

6.25% to 6.25%

F. EDGE Participation Goal

Percent of initial Total A/E Fee: 5%

NOTE: **Basic Services** include: (1) Program Verification, (2) Schematic Design, (3) Design Development, (4) Construction Documents, (5) Bidding and Award OR GMP Proposal and Amendment (as applicable), (6) Construction Administration, and (7) Closeout services. The **Basic Fee** includes all professional design services and consultant services necessary for proper completion of the Basic Services, including validation of existing conditions (but not subsurface or hidden conditions) and preparation of cost estimates and design schedules for the project. The **Estimated Basic Fee Range** is calculated as a percentage of the **Estimated Budget for Construction Cost** above. **The Basic Fee excludes any Additional Services required for the project.**

G. Basic Service Providers Required (see note below)

Lead A/E Discipline: Architecture
Secondary Mechanical-Electrical-Plumbing Eng.
Disciplines: _____

H. Additional Service Providers Required

Hazardous Materials Consultant

NOTE: The lead A/E shall be (1) any architect holding a certificate issued under section 4703.10 of the Revised Code, (2) any landscape architect holding a certificate issued under section 4703.36 of the Revised Code, or (3) any engineer holding a certificate issued under section 4733.14 of the Revised Code.

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I. Evaluation Criteria for Selection

- Demonstrated ability to meet Owner's programmed project vision, scope, budget, and schedule on previous projects.
- Demonstrated ability to meet Owner's Sustainability Standards: https://fod.osu.edu/sites/default/files/div_18.pdf.
- Previous experience compatible with the proposed project (e.g., type, size).
- Relevant past work of prospective firm's proposed consultants.
- Past performance of prospective firm and its proposed consultants.
- Qualifications and experience of individuals directly involved with the project.
- Proposer's previous experience (numbers of projects, sizes of projects) when working with its proposed consultants.
- Design quality and demonstrated ability of prospective firm and its proposed consultants to provide design services which represent the University's *Design Guidelines for Buildings and Landscape* [buildings-landscape.pdf](#)
- Specification writing credentials and experience.
- Experience and capabilities of creating or using Critical Path Method (CPM) schedules and of using CPM schedules as a project management resource.
- Approach to and success of using partnering and Alternative Dispute Resolution.
- Proximity of prospective firms to the project site.
- Proposer's apparent resources and capacity to meet the needs of this project.
- The selected A/E and all its consultants must have the capability to use the Internet within their normal business location(s) during normal business hours.

Interested firms are required to address their BIM project delivery experience and how they will implement Building Information Modeling ("BIM") on the project by documenting:

- The ability for the entire team to effectively collaborate and share models and data.
- Each discipline's model manager and their relevant experience.
- How the A/E will support a consultant that does not have sufficient BIM experience to meet the above expectations.

Interested A/E firms are required to submit the *Commitment to Participate in the EDGE Business Assistance Program* form in its *Statement of Qualifications* (Form F110-330) submitted in response to the RFQ, to indicate its intent to contract with and use EDGE-certified Business Enterprise(s), as a part of the A/E's team. The *Intent to Contract and to Perform* and / or waiver request letter and *Demonstration of Good Faith Effort* form(s) with complete documentation must be attached to the A/E's Technical Proposal. Both forms can be accessed via the OFCC website at <https://ofcc.ohio.gov>. The *Intent to Contract and to Perform* form is again required at the Fee Proposal stage.

If the A/E firm intends to receive points for exceeding the EDGE Participation Goal, it must provide BOTH a completed *Commitment to Participate* form AND a completed *Statement of Intent to Contract and to Perform* forms signed by both parties with its *Statement of Qualifications*.

For all *Statements of Qualifications*, please identify the EDGE-certified Business Enterprises, by name, which will participate in the delivery of the proposed professional services solicited in the RFQ.

Interested A/E firms must indicate on their *Statement of Qualifications*, the locations where their services will be performed in the spaces provided or by attachment in accordance with the requirements of Executive Order 2019-12D related to providing services only within the United States and the requirements of Executive Order 2022-02D prohibiting purchases from or investment in any Russian institution or company. Failure to do so may cause their *Statement of Qualifications* to be rejected.

J. Submittal Instructions

Firms are required to submit the current version of *Statement of Qualifications* (Form F110-330) available via the OFCC website at <https://ofcc.ohio.gov>.

Electronic submittals should be combined into one PDF file saved with the form name, project number listed on the RFQ and your firm's name (ex. F110-330_OSU-nnnnnn_Firm Name). Use the "print" feature of Adobe Acrobat or similar software for creating a PDF rather than using a scanner. If possible, please reduce the file size of the PDF. In Acrobat, go to Advanced, then PDF Optimizer.

Statements of Qualifications must be submitted electronically by email. Submittals are limited to one email with a maximum file size of 25 MB.

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Firms are requested to identify professional registrations, memberships, and credentials including: LEED GA, LEED AP, LEED AP+, CCCA, CCM, CCS, CDT, CPE, DBIA, and any other appropriate design and construction industry credentials. Identify that information on the resume page for individual in Block 22, Section E of the F110-330 form.

Architect / Engineer Selection Rating Form

State of Ohio Standard Forms and Documents

Project Name Brain & Spine - AHU Review/Repair Proposer Firm _____
 Project Number OSU-200524 City, State, Zip _____

Selection Criteria		Value	Score
1. Primary Firm Location, Workload and Size (Maximum 10 points)			
a. Proximity of firm to project site	Less than 50 miles	5	
	50 miles to 100 miles	2	
	More than 100 miles	0	
b. Amount of fees awarded by Contracting Authority in previous 24 months	Less than \$200,000	2	
	\$200,000 to \$1,000,000	1	
	More than \$1,000,000	0	
c. Number of licensed professionals	Less than 2 professionals	1	Max = 3
	2 to 10 professionals	3	
	More than 10 professionals	2	
2. Primary Firm Qualifications (Maximum 30 points)			
a. Project management lead	Experience / ability of project manager to manage scope / budget / schedule / quality	0 - 10	Max = 20
b. Project design lead	Experience / creativity of project designer to achieve owner's vision and requirements	0 - 5	
c. Technical staff	Experience / ability of technical staff to create fully coordinated construction documents	0 - 10	
d. Construction administration staff	Experience / ability of field representative to identify and solve issues during construction	0 - 5	
3. Key Consultant Qualifications (Maximum 20 points)			
a. Key discipline leads	Experience / ability of key consultants to perform effectively and collaboratively	0 - 15	
b. Proposed EDGE-certified Consultant participation*	One point for every 2 percent increase in professional services over the EDGE participation goal	0 - 5	
4. Overall Team Qualifications (Maximum 10 points)			
a. Previous team collaboration	Less than 4 sample projects	1	Max = 3
	4 to 8 sample projects	2	
	More than 8 sample projects	3	
b. OSU Sustainability Standards or LEED** project experience	LEED v4.0 or v4.1 projects	1	Max = 2
	OSU Sustainability Standards projects	2	
c. BIM project experience	Training and knowledge	1	Max = 3
	Direct project experience	3	
d. Team organization	Clarity of responsibility / communication demonstrated by table of organization	0 - 2	
5. Overall Team Experience (Maximum 30 points)			
a. Previous team performance	Past performance as indicated by evaluations and letters of reference	0 - 10	
b. Experience with similar projects / delivery methods	Less than 4 projects	0 - 3	
	4 to 8 projects	4 - 6	
	More than 8 projects	7 - 10	
c. Budget and schedule management	Performance in completing projects within original construction budget and schedule	0 - 5	
d. Knowledge of Ohio Capital Improvements process	Less than 4 projects	0 - 1	
	4 to 8 projects	2 - 3	
	More than 8 projects	4 - 5	

* Must be comprised of professional design services consulting firm(s) and NOT the lead firm – For more information on scoring this and other criteria refer to [Document F199-01 – PS Selection Rating Rubric](#).
 ** Leadership in Energy & Environmental Design administered by Green Building Certification Inc.

Subtotal	
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Notes:

Evaluator:

Name _____

Signature _____ Date _____