



Facilities Design  
and Construction

**REQUEST FOR  
STATEMENTS OF QUALIFICATIONS  
FOR  
MATERIALS TESTING AND INSPECTION SERVICES**

**FOR  
PROJECT NO. 9557270  
48X Complex**

**February 17, 2023**

**UNIVERSITY OF CALIFORNIA DAVIS HEALTH  
FACILITIES DESIGN & CONSTRUCTION  
4800 2<sup>ND</sup> AVENUE, SUITE 3010  
SACRAMENTO, CA 95817  
HEALTH.UCDAVIS.EDU/FACILITIES/**

# TABLE OF CONTENTS

Background .....	3
Professional Services Requested.....	4
Proposal Requirements .....	6
Screening Criteria.....	7
Selection Process and Schedule.....	7
Submittal Requirements .....	8

## ATTACHMENTS

Attachment A – Consultant Statement of Qualifications Form

Attachment B – Materials Testing and Special Inspection Rates

Attachment C – University of California Professional Services Agreement (Sample)

## **PROJECT BACKGROUND:**

The 48X Complex (Sacramento Ambulatory Surgery Center) will be constructed via Progressive Design Build Project delivery process, emphasizing Integrated Project Delivery. The 48X Complex will construct up to 262,000 gross square feet of HCAI Level 3 space in the UC Davis Health campus. This project is envisioned to support a preliminary program of 14 operating rooms, 3 procedure rooms, 58 pre- and post-operative recovery bays and 14 single occupant 23-hour recovery rooms. The building will also include public spaces, clinical support, operations space (sterilization, pharmacy, etc.) imaging space, physical therapy space as well as administration support space to facilitate patient support and education.

The 48X Complex will be delivered by the Progressive Design-Build Approach emphasizing Integrated Project Delivery processes. 48X Complex will require intensive and close collaboration between the Progressive Design-Builder, the Architect, all consultants, UC Davis Health staff, HCAI, the Campus Fire Marshal, design-build and design-assist trade contractors, all other subcontractors and other project participants. The 48X Complex will require all major members of the Materials Testing and Special Inspections team to be co-located in the Big Room for the commissioning phases of the project.

All work included in this bid package will be performed under the authority and jurisdiction of UC Davis Health as well as HCAI for utility connections to the Central Utility Plant. The Materials Testing and Inspection firm will be contracted directly with the University.

## **PROJECT DESCRIPTION:**

Project Delivery Method: Progressive Design-Build  
Estimated Construction Cost: \$392M  
Estimated BGSF: 262,000 GSF  
Estimated Project Duration: 30 Months

## **PROJECT SCHEDULE:**

The following is the University's timeframe for the 48 Complex. Assumptions include phased approvals, overlapping packages, incremental review and approval with both University Plan Review and HCAI review

Phase 1: Schematic and Design Development Documents (ending July 2022)

Phase 2: Construction Documents & Approvals (ending May 2023)

Phase 3: Construction (2023 through 2025)

Completion: First Patient, Q1 2025

## **PROFESSIONAL SERVICES REQUESTED:**

This selection process will identify the most qualified firm to provide the 48X Complex project with Materials Testing and Special Inspection services. The nature of the services requested, and the duration of the project involved requires a multi-year contract from approximately 2023 to 2025. The University expects the Proposer to adequately staff the Project with fully qualified inspection staff as the job demands.

The Special Inspector shall perform its services in accordance with the approved plans and specifications, applicable codes, regulations and accepted testing procedures, and shall furnish all material, labor, equipment and tools. All Special Inspectors shall perform all services provided in accordance with the Contract Documents, Title 24 of the California Code of Regulations (as amended), Design, and Construction of Buildings Under HCAI Jurisdiction by the California Healthcare Foundation, dated March 2006, HCAI, and all applicable State and local codes and regulations.

These services will include, but are not limited to:

- A. Perform Materials Testing and Special Inspection Services to ensure conformance with the Project's construction documents, including, but not limited to, all approved drawings, specifications, project manuals, and addenda, referenced and incorporated as part of the Agreement, and regulatory requirements as requested by the Owner, Owner's Agents, HCAI, and the IOR.
- B. Furnish daily and weekly field reports, engineering reviews, mix design reviews, and welding procedure reports.
- C. Provide Materials Testing and Special Inspection services on an intermittent or continuous basis, as deemed necessary.
- D. Provide staff to perform services in accordance with this Agreement.
- E. Attend a preconstruction meeting as well as progress coordination, office, and site meetings as authorized throughout the project.
- F. Work closely and harmoniously in collaboration with UC Davis Health's Construction Team, and Supervising IOR.
- G. Schedule work timely to ensure the Project is completed in accordance with the construction contract.
- H. Provide engineering supervision as required to meet Division of the State Architect's (DSA) Laboratory Evaluation Acceptance (LEA) program and ASTM E329.
- I. Ensure that all Contractor's inspectors maintain, at all times, all codes and regulations referred to in the Project's documents pursuant to California Building Standards Administration Code, Section 7-154 on the Project site.
- J. Perform any and all additional testing as may be required by UC Davis Health and its authorized representatives.
- K. Provide additional Inspector(s), if needed, within a maximum of a 48-hour request from the Construction Supervisor/IOR/Owner or Owner's Agent.
- L. Ensure that the following technical requirements are met:
  - a. All required inspections shall be in accordance with the provisions of Title 24, CCR, the California Building Code, and HCAI.
  - b. Provide technicians and inspectors that are thoroughly trained, qualified, and certified as applicable by the International Code Council (ICC), the American Welding Society (AWS), the American Society of Nondestructive Testing (ASNT), the American Concrete Institute (ACI), and the California Building Code (CBC).
  - c. Ensure all required soil testing services are supervised by a California licensed Geotechnical Engineer, and all other required Materials Testing and Special Inspections Services are supervised by the appropriately California licensed professional engineer.
  - d. Provide Inspector(s)/Technician(s) that meet the following minimum qualifications and, upon request, provide proof of the same to the satisfaction of the Owner and the Owner's Agent:
    - i. Soil Inspection and Density Testing – Comply with ASTM D 3740.

- ii. Reinforcing Steel Inspection – Valid International Code Council (ICC) certification as a Reinforced Concrete Special Inspector.
- iii. Concrete Placement Inspection/Sampling – Valid International Code Council (ICC) certification as Reinforced Concrete Special Inspector and American Concrete Institute (ACI) certification as a Concrete Field-Testing Technician – Grade 1.
- iv. Masonry Placement Inspection/Sampling – Valid ICC or Division of State Architect (DSA) certification as Structural Masonry Inspector.
- v. Shop/Field Welding Inspection – Valid American Welding Society (AWS) certification as an AWS Certified Welding Inspector (CWI).
- vi. High Strength Bolting Inspection – Valid International Code Council (ICC) certification as a Structural Steel and Welding Inspector.
- vii. Nondestructive Testing Technician (NDT) – Valid NDT level II certification (or greater) in accordance with the American Society of Nondestructive Testing (ASNT) CP-189.
- viii. Fireproofing Inspection – Valid International Code Council (ICC) certification as a Spray Applied Fireproofing Special Inspector and an International Firestop Council (IFC) certification as a Firestop Special Inspector.
- ix. Office of Statewide Health Planning and Development (HCAI) Inspection – Valid “Class A” HCAI certification.
- x. Laboratory Evaluation and Acceptance (LEA) Program - Projects under DSA jurisdiction be performed by testing laboratories acceptable to DSA and located within a 50-mile radius of the project site.
- xi. Laboratory must be approved by the Office of Statewide Health Planning and Development Facilities Development Division Laboratory Evaluation and Application Acceptance for HCAI Preapproved Agency (OPAA) for structural tests and special inspections.
- xii. It is the Contractor’s responsibility to ensure that all of its employees – and subcontractors, as permitted – performing services relative to a Project possess all requisite licenses and certifications, all such licenses are active and in good standing, and have not been suspended or revoked during the term of the Agreement.

#### **PROPOSAL REQUIREMENTS:**

Address all of the items noted in this section in your submittal. Failure to do so will result in your submittal not being considered. Qualifications will be evaluated based on demonstration of meeting the requirements of this RFQ.

1. Cover Letter and Organization Introduction: Please submit general statements about the organization’s qualifications for the services described in the RFQ. Include at least the following:
  - a. Firm name, business address, telephone, email address, website address and fax numbers
  - b. Location of main office and the local office which will serve the 48X Complex project
  - c. Key personnel and professional registrations
  - d. Current staff size
  - e. Current assignments of proposed staff
  - f. Previous experience with University of California’s system, UC Davis Health, and

HCAI Type 1 and Type 3 projects. HCAI 1 project experience is **preferred**.

2. **Technical Approach:** Demonstrated expertise in designing and executing complex projects with special inspection requirements. Describe the firm's planned approach to the project, and an understanding of Design-Build and Lean Principles. Examples of required deliverables listed in this RFQ that exemplify the firm's methodology and planning approach.
3. **Relevant Project Experience:** Provide descriptions of three projects that have been executed within the past ten years by the firm. The projects described shall be similar in scope and complexity to key elements of the project. Please include at least the following information:
  - a. Project name
  - b. Project owner with current address and telephone number
  - c. Project size (square feet)
  - d. Construction value
  - e. Design duration
  - f. Construction duration
  - g. Year of Completion
  - h. Project delivery approach
  - i. Consultant's role on the project
  - j. Consultant's years of involvement
  - k. Type of facility
  - l. Project description
4. **Key Personnel:** Please list all personnel proposed for the project and identify the proposed Project Manager and main point of contact for this project. Provide resumes for all proposed personnel, to include, at a minimum, the following information:
  - a. Full name, position in the firm, years with the firm and office location
  - b. Education (list all degrees and institutions), CA licenses and affiliations
  - c. Project role and responsibilities
  - d. Relevant project experience (HCAI 1 project experience is preferred for key personnel)
5. Document your firm's willingness to accept the contract language in the University's Professional Service Agreement (Attachment C) including indemnification and insurance requirements.
6. Provide, on the Materials and Special Inspection Rates form (Attachment B) hourly rates for professional and non-professional personnel and an annual escalation rate through project completion.
7. **References:** Provide a minimum of 3 references (for your proposed main point of contact) within the company from Architects, Contractors, or Owners. Also provide references for the company.

Professional (Errors & Omissions) liability insurance will be required, with a minimum limit of \$2,000,000 per occurrence and \$4,000,000 in aggregate.

Qualified applicants will demonstrate proven experience in providing inspection services in California on a range of project types including healthcare, both inpatient and outpatient. Specialty expertise will also be required for healthcare on a UC campus, complex underground utilities, and California HCAI Type 1 experience.

#### **SCREENING CRITERIA:**

1. **General Qualifications:** Attention will be paid to respondents with a demonstrated interest in the project, recognition of the need to work harmoniously and productively with UC Davis Health, HCAI, the progressive Design/Build Team, and proximity to the project site or willingness to establish a local office.

Points	20
--------	----

2. **Technical Approach:** Respondents must show an understanding of the specific constraints and needs of the project, demonstrate their ability to perform quality and timely inspection services for the project and produce inspection reports of superior quality to meet the completion schedule. Describe how you will organize staff, and manage inspection requests and nonconformances in collaboration with UC Davis Health, HCAI, and the construction team.

Points	20
--------	----

3. **Experience of the Firm:** The experience of interest to the selection committee will be of similar size, type and complexity to the RHT project. Especially HCAI Level 1 & 3 projects, projects valued at over \$200 million in construction value, and projects with design-build or progressive design-built contracts located in Sacramento.

Points	20
--------	----

4. **Expertise of Personnel:** Proposed personnel on the inspection team with required certifications, including ACI, ICC, AWS/CWI will be reviewed favorably in the selection process. Demonstrated expertise of the key personnel in relation to the scope of potential work including relative degrees, licenses and certifications.

Points	40
--------	----

#### **SELECTION PROCESS AND SCHEDULE:**

The selection of a firm will be accomplished by the following process. After Qualification Statements are received, a Screening Committee will review, conduct reference checks and recommend the best qualified firm for selection.

The timeline for the qualification and contracting is below:

1 <sup>st</sup> Ad for services:	February 17, 2023
Statements due:	4 p.m., March 3, 2023
RFQ Shortlist Determined:	March 6, 2023
Final Screening Interviews:	Week of: March 13, 2023
Firm's notification(s):	Week of: March 17, 2023

## **SUBMITTAL REQUIREMENTS:**

Statements of qualifications shall be as brief and concise as possible. Please indicate lead in-house person. Provide attachments as appropriate to respond directly to the screening criteria. Submittal should be specifically tailored to this project. Please submit the contact information for (3) references. References should be from an Owner, Owner's Representative, Contractors, or Design Teams. "Boiler Plate" or generic pages are not desired. All material should be in 8 1/2" x 11" format.

**ONE (1) electronic copy of the information requested must be received on or before 4 p.m. Friday, March 3, 2023 via electronic submittal to UC Davis Health. All qualification submittals will be received electronically --- no hard copies will be accepted.**

***Firms interested in responding to this RFQ must notify the University by March 2, 2023 to be provided a link to upload their Qualifications package.***

Questions should be directed via email to:

Leila Couceiro  
[lcouceiro@ucdavis.edu](mailto:lcouceiro@ucdavis.edu)