



Facilities Planning and
Development Division

REQUEST FOR
STATEMENTS OF QUALIFICATIONS
FOR
MATERIALS TESTING, INSPECTION &
GEOTECHNICAL SERVICES
FOR
PROJECT NO. 9565150
PARKING STRUCTURE 7

MARCH 15, 2024

UC DAVIS HEALTH
FACILITIES PLANNING & DEVELOPMENT
4800 2ND AVENUE, SUITE 3010
SACRAMENTO, CA 95817
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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 future Parking Structure 7 (PS7) will be constructed in the Eastern quadrant of campus, at the greenfield east of the MIND Institute and most of the existing Lot 25 surface parking area. The 383,000 GSF structure will be four to five stories, accommodate over 1200 stalls, bicycle parking, elevators and provide long term flexibility to accommodate the University's future growth. The entry point to the new PS7 structure will be from 50th Street at the driveway to Lot 25 north of the Kiwanis Family House and will also serve as the primary site access during construction. The project requires rerouting of utilities, removal of landscaping, and extensive site development including new fire access around the structure, new pedestrian concrete walks, enhanced landscaping and reconfiguration of Lot 25.

The PS7 structural system is comprised of cast-in-place concrete columns and beams, post-tensioned elevated concrete decks, slab-on-grade ground floor, and an exterior special reinforced concrete moment frame lateral force resisting system. Other ancillary structures include two steel exit stairs, a CMU elevator tower, and a CMU utility yard.

The project will meet UC Sustainable Practice Policy (UCSPP) and will be ParkSmart Certified.

The project will be under the University Controlled Insurance Program (UCIP).

The Materials Testing and Inspection firm will be contracted directly with the University.

PROJECT DESCRIPTION:

Project Delivery Method: Design-Build
Estimated Construction Cost: \$40,000,000
Estimated BGSF: 383,000 GSF
Estimated Project Duration: 18 months

PROJECT SCHEDULE:

The following is the University's timeframe for Parking Structure 7. Assumptions could include phased approvals, overlapping packages, incremental reviews, and approval with University Plan Review.

Phase 1: Schematic and Design Development Documents (completed)

Phase 2: Construction Documents & Approvals (ending April 2024)

Phase 3: Construction Q2 2024

Completion: Q3 2025

PROFESSIONAL SERVICES REQUESTED:

This selection process will identify the most qualified firm to provide the Parking Structure 7 project with Materials Testing and Special Inspection services. The nature of the services requested, and the duration of the project involved requires a contract from approximately 2024 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), 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, 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. 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.
- I. Perform any and all additional testing as may be required by UC Davis Health and its authorized representatives.
- J. Provide additional Inspector(s), if needed, within a maximum of a 48-hour request from the Construction Supervisor/IOR/Owner or Owner's Agent.
- K. Ensure that the following technical requirements are met:
 - a. All required inspections shall be in accordance with the provisions of Title 24, CCR, and the California Building Code.
 - 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 Firestop Council (IFC) certification as a Firestop Special Inspector.
 - ix. It is the Contractor's responsibility to ensure that all its employees – and subcontractors, as permitted – performing services relative to the 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.

SUBMITTAL REQUIREMENTS:

Address all 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 PS7 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 and UC Davis Health
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
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. Professional (Errors & Omissions) liability insurance will be required, with a minimum limit of \$2,000,000 per occurrence and \$4,000,000 in aggregate.
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. This information is not basis of selection and will be used for reference after award.
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.

Qualified applicants will demonstrate proven experience in providing inspection services in California on a range of project types including healthcare campuses. Specialty expertise will also be required for complex underground utilities on an active healthcare campus.

Statements of qualifications shall be as brief and concise as possible, responding directly to the screening criteria and specifically tailored to this project. Boiler plate or generic brochures 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 **2 p.m. Tuesday, April 9, 2024** 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 April 8, 2024 to be provided a link to upload their Qualifications package.

Questions should be directed via email to: Hans Ram h1ram@ucdavis.edu

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, the 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, , 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 Parking Structure 7 project. This includes cast-in-place structures on an active campus, projects valued at over \$40 million in construction value, and projects with design-build 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 st Ad for services:	March 15, 2024
Statements due:	2 p.m., April 9, 2024
RFQ Shortlist Determined:	April 16, 2024 (Estimated date)
Discussions with Shortlisted Firms:	April 19, 2024 (Estimated date)
Firm's notification(s):	Week of April 22, 2024