

REQUEST FOR STATEMENTS OF QUALIFICATIONS

FOR

TESTING AND SPECIAL INSPECTION SERVICES

UNIVERSITY OF CALIFORNIA, MERCED

Downtown Center

PROJECT NO. 900320

April 2016

REQUEST FOR STATEMENTS OF QUALIFICATIONS
DOWNTOWN CENTER
UNIVERSITY OF CALIFORNIA, MERCED

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Introduction

The University of California, Merced is seeking a qualified testing and special inspections firm for the Downtown Center project in downtown Merced. The University will negotiate a contract with the selected firm immediately upon selection and services are expected to begin summer 2016. The project construction is scheduled to be completed by the end of 2017.

Project Description

The Downtown Center Building is approximately 47,194 assignable square feet (68,105 gross square feet) and a 3-story Type 2A (one hour rated frame, bearing walls, floors and roof; fully sprinklered building). The project site is located at 655 West 18th Street, Merced CA 95340. The estimated construction cost is \$32M

Scope of Services

The scope of services to be provided will comply with the 2013 California Code of Regulations – Title 24 Requirements, and all other related applicable standards. The testing staff and inspector(s) will report to and work with UC Merced Inspection Services (including forms and policies), and will perform services including but not limited to the scope outlined below:

Observe Contractor's operations to ensure conformance with applicable standards and perform special testing and inspections in accordance with the Campus Fire Marshal- approved Contract Documents, including but not limited to the following:

Foundation Concrete, Building Concrete and Site Concrete

- Verification of mix designs and certifications of compliance.
- Compaction testing of aggregate base course, crushed rock, pea gravel and/or sand.
- Testing of material samples, including but not limited to aggregate base, aggregate and cement.
- Concrete batch plant inspections
- Verification of size, type, grade and placement of reinforcement steel, including welding inspection if applicable.
- Perform bend and tensile testing of reinforcing steel.
- Verification of size, type and placement of reinforcement steel
- Verification of concrete placement and curing, including placing sequence.

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- Concrete cylinder and slump tests including handling, and delivery, and testing of cylinders.
- Verification of surface finish tolerances (FF and FL).
- Grout sampling at steel baseplates.
- Observe curing operations

Concrete Reinforcing Steel

- Verification of all reinforcing steel placement, material tags, mill reports, installation methods, clearances, connections and laps.
- Mechanical couplers size, placement, and tension tests.
- Welding

Post-Tensioned Concrete

- Tendon placement and count
- Anchorage devices and associated reinforcement
- Tendon stressing operations

Anchors and Dowels in Resin

- Fabrication Anchor hole placements, size, and clean-out
- Resin type and placement
- Tension load tests of placed and cured resin anchors

Shotcrete

- Test panels
- Test panel cores and associated laboratory testing
- Shotcrete placement
- Concrete sampling
- Concrete testing

Expansion Anchors

- Anchor hole placements, size and clean-out
- Resin type and placement
- Tension load tests of placed and cured resin anchors.

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Structural Steel, Miscellaneous Metal and Prefabricated Metal Stairs

- Fabrication plant inspections – Monitor fabrication operations and verify welder certifications, welding procedures, shop inspections per applicable codes and standards, testing per chapter 17 of the C.B.C., and Contractor’s quality control records.
- Review certified mill analysis reports.
- Field inspections – Review and verify proper qualification of welders and proper W.P.S.s per AWS D1.1., magnetic particle testing, and ultrasonic testing of field welds.
- Metal decking –Review and verify proper qualification of welders, WPSs, and observe qualifying testing of material per AWS D1.3. Inspect installation of nelson studs and testing of nelson studs.
- Metal fabrications—inspect field welding as specified.
- Bolting—observe and inspect bolts, including high strength bolts, per AISC and the Structural Bolting Handbook.
- Review deformed bar anchors.

Under Slab VOC Vapor Membrane

- Concrete/Shotcrete/Masonry and Other Hard Surfaces
- Dirt and Other Soft Substrates
- Smoke Testing for Holes

Cementitious Fireproofing

- Field tests

Portland Cement Plaster

- Slump test

Soils

- General site grading
- Backfill and compaction of site utilities
- Review Building pad and road sections

Special Cases

- Construction materials and systems that are alternatives to the materials and systems prescribed by the code.

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- Unusual design applications of materials described in C.B.C 1705.1.1
- Materials and systems required to be installed in accordance with additional manufacturer's instructions that prescribe requirements not contained in C.B.C 1705.1.1 or in standards referenced by C.B.C 1705.1.1.

Other:

- Fire caulking system
- Identify items that may have been omitted and should be included as part of scope.

The following scope will be by others and is specifically EXCLUDED:

- Hydrostatic or air pressure testing of pipes and fittings.
- Observations of formwork and shoring operations.
- Roofing and waterproofing inspections, including load testing of roof hatches and testing of gutters by flooding with water.
- Inspection of sheet metal flashing and trim.
- Façade mock up testing.
- Concrete moisture vapor emission and alkalinity testing.
- Testing of acoustical ceilings.
- Testing of exterior maintenance equipment.
- Elevator testing.
- Vibration isolation testing.
- Sound attenuator testing.
- Testing of mechanical, electrical, plumbing, security and telecommunication systems.
- Testing of fire protection system.
- Inspections for aesthetic acceptance.

Testing and Special Inspections firm and Criteria for Selection

The University is seeking strong experience in testing and special inspections for the construction type and size of these projects. The ability to be promptly responsive to requests for testing and inspection, the ability to dedicate personnel to the project for the sake of continuity, and the ability to provide services efficiently, are also criteria for selection.

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Inspectors must have the relevant qualifications for the type of inspection or testing they perform, e.g., at least the minimum requirements for AWS-CWI for welding and ICC certification as applicable to the system being inspected or tested.

Submittal Requirements

The Statement of Qualifications shall include:

1. A cover letter (not more than two pages) describing the firm's general qualifications for the work, and addressing: whether personnel can be dedicated to the project for the sake of continuity; timeliness of reports; and communications skills by all members of the testing firm's team. Provide the address of your firm, type of business organization of the firm (Sole Proprietorship, LLC, etc.), and name, title, phone number, and e-mail address for your main contact person for purposes of this RFQ.
2. Statement of qualifications addressing the firm's specific qualifications for the work of this project (separate from the letter), with a list of five to ten recently completed projects with similar scopes of work to that described above. For each project, provide information regarding project scope, scope of services, year completed, construction cost, and complete and current client contact information. Include at least 5 and not more than 10 projects.
3. Resumes of all proposed personnel, including both managers and inspectors. Include information on inspectors' certifications.
4. Location of the laboratory and office that will provide services.
5. Anticipated time of response for the various tests and inspections in the scope of work.
6. Request for Supplemental Information

Insurance Requirements

The University requires evidence of insurance coverage, to be presented only after the successful firm is selected to provide services. Submittal of insurance information is not required as part of the Statement of Qualifications.

General Liability, Professional Liability Insurance, Business Automobile Liability, and Worker's Compensation will be required in the following amounts:

1. General Liability:

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Comprehensive or Commercial Form:

(1) Each Occurrence	\$1,000,000
(2) Products/Completed Operations Aggregate	\$2,000,000
(3) Personal and Advertising Injury	\$1,000,000
(4) General Aggregate (Not applicable to Comprehensive Form)	\$2,000,000

If the above insurance is written on a claims-made form, it shall continue for three years following termination of this Agreement. The insurance shall have a retroactive date of placement prior to or coinciding with the effective date of this Agreement.

2. Business Automobile Liability Insurance for owned, scheduled, non-owned, or hired automobiles with a combined single limit not less than one million dollars (\$1,000,000) per occurrence.

3. Workers' Compensation as required by California State law.

4. Professional Liability Insurance:

(1) Each Occurrence	\$1,000,000
(2) Project Aggregate	\$2,000,000

If the above insurance is written on a claims-made form, it shall continue for three years following termination of this Agreement. The insurance shall have a retroactive date of placement prior to or coinciding with the effective date of this Agreement.

5. Such other insurance in such amounts which from time to time may reasonably be required by the mutual agreement of the University and Architect, Engineer, Consultant, or Construction Project Manager against other insurable hazards relating to the work to be done.

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Submittal/Selection Process and Schedule

This Request for Statements of Qualification and attachments will be available at <http://www.ucmerced.edu/rfp-rfq> on April 5, 2016. Please email Leon Waller at lwaller@ucmerced.edu or call him at 209-228-4333 with any questions.

Eight (8) bound copies of the submittal must be received by 1:00 p.m. April 21, 2016 at the following address:

Via Us Mail:

Interim Associate Vice Chancellor Michael Chow
Design & Construction
University of California, Merced
5200 N. Lake Rd.
Merced, CA 95343

Via Overnight Delivery:

Interim Associate Vice Chancellor Michael Chow
University of California, Merced
Design & Construction
767 E. Yosemite Ave., Suite C
Merced CA 95340

Submissions received later than this date and time may be rejected and returned unopened. Please call Jordan Thaw at 209 228 4479 for questions on delivery.

The University will screen and select a firm within 2 weeks of the submittal date. All firms will be notified of the final selection.

The University reserves the right to request any further documentation that it deems appropriate and necessary for the screening and selection process.

UC Policy on Equal Opportunity in University Business Contracting

It is the policy of The Regents of the University of California that race, religion, sex, color, ethnicity, and national origin will not be used as criteria in its business contracting practices. Every effort will be made

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to ensure that all persons regardless of race, religion, sex, color, ethnicity and national origin have equal access to contracts and other business opportunities with the University. The University will establish effective outreach programs to assure equal opportunity in business contracting.