REQUEST FOR

STATEMENTS OF QUALIFICATIONS

FOR

GEOTECHNICAL ENGINEERING SERVICES
(Preliminary Geotechnical Investigation & Peer Review Services)

FOR

PROJECT NO.M050465
REPLACEMENT HOSPITAL TOWER (RHT)

MARCH 31, 2020

UC DAVIS HEALTH
FACILITIES DESIGN & CONSTRUCTION
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ATTACHMENTS

Consultant Statement of Qualifications Form

University of California Professional Services Agreement – Blanket (Sample)
PROJECT BACKGROUND:

The UC Davis Medical Center, located in Sacramento, is the primary teaching hospital for UC Davis Health (UCDH). In order to meet California seismic standards and the projected space needs for the hospital, UCDH is planning a new project, the Replacement Hospital Tower (RHT). The proposed site is located on the east end of the existing hospital, adjacent to the pavilion that houses primarily surgery, ICUs, the burn unit, and the emergency department. The new RHT, which will be connected to the Surgery and Emergency Services Pavilion, is envisioned to provide 200 +/- inpatient beds plus other support services. The building options under consideration range from 12 to 14 floors and 650,000 – 900,000 BGSF of new space, plus approximately 10,000 BGSF of renovation and one below-grade basement level. Utilities for the RHT will be supplied from the Central Utilities Plant. Site utilities will be relocated as part of this project.

This project is a Progressive Design-Build delivery and as such, the University will engage the firm selected to provide a Preliminary Geotechnical Investigation and Peer Review services.

The Design-Builder will contract directly with a different Geotechnical Engineer to serve as Geotechnical Engineer of Record for the project. The firm selected to provide services described in this RFQ will be precluded from providing Geotechnical Engineer of Record services for the Progressive Design Builder on the RHT Project.

PROJECT DESCRIPTION:

Project Delivery Method: Progressive Design-Build
Estimated (Current Dollars 10/2019) Design and Construction Cost Range: $860,000,000 to $1,000,000,000
Estimated (Escalated) Design and Construction Cost Range: $1,000,000,000 to $1,500,000,000
Estimated GSF Range: 650,000 GSF to 900,000 GSF
Estimated Project Duration: 84 Months

PROFESSIONAL SERVICES REQUESTED:

This selection process will identify the most qualified Geotechnical firm to provide UCDH with Geotechnical Engineering services for the RHT project. There are two phases of services in this RFQ:

1) Preliminary Geotechnical Investigation
2) Geotechnical Peer Review services

Phase 1: Preliminary Geotechnical Investigation
Provide a preliminary geotechnical investigation on the physical properties of surface and subsurface conditions of the RHT project site, as well as provision of geotechnical recommendations for design of both building and site utilities. Deliverable: A preliminary geotechnical report, discussions and presentation.

Scope shall include site borings and analysis, a detailed soils report, recommendations for type of foundations systems, and site investigation sufficient to determine desired backfill conditions for underground utilities.

All geotechnical/geo-hazard reports shall comply with the requirements of Title 24, Part 1, Section 7-117 and the California Building Code. This Report must be prepared and signed and stamped by a California registered geotechnical engineer. Provide California registration number with the RFQ response.

Upon selection and prior to performing any field work, the selected firm (that provides drilling, boring or other services requiring excavation) will submit a project specific safety plan. This should include both measures to protect workers and the public as well as hospital patients and staff. The plan shall include analysis of any special site conditions or hazards as well as methods of mitigating risks to an acceptable level.
Phase 2: Peer Review

The scope for Peer Review of Geotechnical Services shall include technical review of Design-Builder’s Geotechnical Engineer of Record’s investigation and report, feedback for the proposed foundation design system and utility support systems, input on value improvement, documentation of comments into a peer review report (at major milestones), meetings, reviews, and consultation with Owner’s structural peer reviewer and the Progressive Design-Build team.

The duration of this Professional Services Agreement is multi-year and for the length of the RHT project. Proposed milestones are:

- Contract Award: mid-May 2020
- Submit Work Plan for Subsurface Investigations: Two weeks after contract award
- One month to complete required borings
- Three weeks to generate and submit the Geotechnical Report to UCDH.
- Geotechnical Peer Review Services: Refer to project milestone schedule below.

PROJECT MILESTONE SCHEDULE

Following is the University Supplied Milestone Schedule. Assumptions include phased approvals, overlapping packages, incremental review and approval.

Notice of Intent to Award (Builder) (3/16/20)
Selection of Architect
Preliminary work Phase 1 Commence (8/1/2020)
Program Validation Phase and Site Master Planning Complete
Schematic Design Complete
Design Development Complete
Phase 2 Commence (8/1/2021)
Construction Documents Complete
Agency Review Complete (OSHPD)
Review and Approve GMP
Phase 3 Commence (2/1/2023)
Commence Construction
Utility Connections Complete
Foundations Complete
Building Structure Complete
Building Envelope Complete (Watertight)
Building Interiors Complete
Final Completion
First Patient (10/1/2027)

PROPOSAL REQUIREMENTS

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

Qualifications

- Organization: Please submit general statements about your organization’s qualifications and other information deemed necessary. Include at least the following:
  1. Firm name, business address, telephone, email address, website address and fax numbers
  2. Contact person(s) with title(s)
  3. Professional history and affiliations
  4. Current staff size and professional registrations
  5. Range of Geotechnical engineering service capabilities
  6. Impact of current workload on ability to meet the requirements of this RFQ
  7. Previous experience with University of California system and/or UC Davis Health
• Relevant Project Experience: Provide descriptions of at least three projects that have been executed within the past five years by your firm. The projects described shall be similar in scope and complexity to the project described within this RFQ. Please include at least the following:
   1. Project size (square feet)
   2. Construction value
   3. Basic project program
   4. Project delivery approach
   5. Project owner with current address and telephone number

• Key Personnel: Please submit resumes for key personnel proposed for the project. State their project responsibilities and a list of projects they were involved in. Include resumes for the following staff members:
   1. Signatory Licensee who will be professionals of record
   2. Project Manager
   3. Discipline leaders
   4. Field representative(s)
   5. Other specialists Staff Team resume

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 geotechnical services in California on a wide range of project types including healthcare, both inpatient and outpatient. Specialty expertise will also be required for high-rise buildings, complex underground utilities, and California OSHPD experience.

SCREENING CRITERIA:

1. **Experience of the Firm:** Demonstrated experience of the firm in relation to the scope of potential work, experience on OSHPD Level 1 projects and quality of services provided to customers in the past.
   
   Points 25

2. **Expertise of Personnel:** Demonstrated expertise of the key personnel in relation to the scope of potential work including relative degrees, licenses and certifications.
   
   Points 25

3. **Quality Assurance:** Demonstrated record that the firm has delivered high quality services and documentation from clients, and has an effective continuous quality improvement process.
   
   Points 25

4. **Availability of Resources:** Ability of the firm to provide staff and resources necessary to provide geotechnical services in a timely manner. Demonstrated past performance history for providing timely services on an as-needed basis.
   
   Points 25
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.

Please note that the firm selected to provide Geotechnical Peer Review services and Preliminary Geotechnical Services would be precluded from providing Geotechnical Engineer of Record services for the Progressive Design Builder on the Replacement Hospital Tower Project.

The timeline for the qualification and contracting is below:

1st Ad for services: March 31, 2020
Statements due: 2:00 PM, April 16, 2020
RFQ Qualification Review Completed: April 24, 2020
Firm's notification(s): May 1, 2020 (tentative)

SUBMITTAL REQUIREMENTS:

Statements of qualifications must be submitted electronically no later than 2:00 PM, Thursday, April 16, 2020 to the link provided by UC Davis Health. No hard copies will be accepted.

Firms interested in responding to this RFQ must notify UCDH by April 14, 2020 to be provided a link to upload their Qualifications package.

Questions and requests for the link should be directed via email to Leila Coueiro - lccoueiro@ucdavis.edu

Statements of qualifications shall be specifically tailored to this RFQ, responding directly to the screening criteria. Boiler plate or generic pages are not desired. All material should be in 8 1/2” x 11” format. Please attach a completed Consultant Statement of Qualifications form, available for download at the FD&C website on the following link:

https://health.ucdavis.edu/facilities/contractors/REQ-FOR-QUAL.html