January 18, 2017

Re: Request for Proposals- Third Party Testing and Special Inspections for Concrete, Applied Fire-Proofing, and High Performance Coatings
0691801 – CWP2-Increase Cooling Tower Capacity
University of Iowa

The University of Iowa, located in Iowa City, Iowa, seeks a qualified Company to provide Special Inspections and Testing of Concrete, Applied Fire-proofing, and High Performance Coatings, Professional Services in accordance with Special Inspection in IBC Chapter 17 and other Owner required testing for the above project. Qualified Special Inspections and Testing Agencies (Consultant) are invited to submit a lump sum not to exceed proposal based on the scope of services described below.

1. Statement of Qualifications. It is the Owner’s intent that the Consultant designated as the Special Inspections and Testing Professional, and the key staff members, exhibit the following:

1.1 LABORATORY – The independent testing laboratory shall:
   a. Meet “Recommended Requirements for Independent Laboratory Qualifications”, published by American Council of Independent Laboratories;
   c. Authorized to operate in the State of Iowa.
   d. Testing Equipment: Calibrated in accordance with National Institute of Standards and Technology (NIST).

1.2 SENIOR ENGINEER – The senior engineer shall be a registered professional engineer and have at least ten (10) years of related experience and have the authority to commit the firm to the conditions and requirements of this project.

1.3 FIELD TECHNICIAN(s)/ SPECIAL INSPECTOR(s) – Experienced person who is educated and qualified in conducting, supervising, and evaluating tests and/or inspections.
   a. Where tests or inspections are required to be performed by a certified individual, the field technician/special inspector shall have the required certifications.
   b. Where tests or inspections are required to be performed by a licensed engineer, the field technician/special inspector shall be a licensed engineer or shall be under direct supervision of a licensed engineer, licensed in the State of Iowa and experienced with type of work requiring special testing and inspection.
   c. Are able to read and understand project plans and specifications.
   d. Understand the requirements and testing standards of Special Inspections in IBC Chapter 17.
e. Test or inspect Work specified for conformance with approved design Drawings, Specifications, and applicable material and workmanship provision on code.

f. Limits of authority:
   i. Special inspector/field technician may not waive or alter Contract requirements or approve or accept any portion of Work unless specifically authorized by Owner or Design Professional.
   ii. Special inspector/field technician may not assume any duties of the Contractor and has no authority to reject or stop work.

2. Proposal Requirements include the following:
   2.1 List the individual who will be the Senior Engineer and Project Manager.
   2.2 Provide an organization chart indicating proposed project team.
   2.3 Provide resumes for key staff members.
   2.4 Briefly describe relevant experience of the proposed team in the following areas. List each person’s direct involvement in:
      i. Similar Projects.
      ii. Special Inspections and Testing
   2.5 Describe proposed approach to managing the budget for this project.
   2.6 Limit submittal to twelve (12) single-sided pages or six (6) double-sided pages. Total page count includes Letter of Proposal, resumes, and all supporting materials.
   2.7 List date of construction documents, Addendum and RFP reviewed and included in proposal.

After selection, the successful firm shall provide a written proposal on the University of Iowa Letter of Proposal form found on the University’s Facilities Management/Consultants web site. Note that hard copies of the agreement will not be required with the RFP.

http://www.facilities.uiowa.edu/pdc/consultants/agreement-form.html

   Respondents’ proposals are due no later than 12:00 noon on Tuesday, January 30, 2017.

   Submit electronically to: adam-cannon@uiowa.edu and john-rutherford@uiowa.edu

   Include on the subject line:

   “RFP for Special Inspections – Cooling Tower - #0691801”

   Should you have any questions or comments, please contact:

   Adam J Cannon, PE
   Project Manager
   University of Iowa
   FM - Design & Construction
   200 University Services Building
   Iowa City, Iowa 52242-1922
   adam-cannon@uiowa.edu

0691801 – CWP2(West) – Increase Cooling Tower Capacity – RFP for Concrete, Fire-Applied Fire-Proofing and High Performance Coatings
4. Proposal Evaluation and Award.
   4.1 The Owner will consider and evaluate the following proposal components:
      a. Consultant experience and qualifications.
      b. Project Manager and Senior Engineer qualifications and accreditations.
      c. Key support personnel experience and qualifications.
      d. Project approach.
      e. Consultant location.
      f. Proposal quality.
      g. Proposed lump sum not to exceed fee.
   4.2 The Owner reserves the right to negotiate and accept any proposal, or to reject all proposals, and to offer to accept any proposal subject to the deletion of any item or group of items of work from the scope of work.
   4.3 The Consultant shall be prepared to attend an interview as part of the evaluation process. The Consultant shall bear all costs associated with preparing the RFP and subsequent interviews.

5. Listing of Project Information.
The project consists of the construction of a new 1-cell, field-erected, concrete, induced-draft, counterflow cooling tower located on the roof of the CWP2(West) plant.

5.1 Project Construction Budget:
   Approximately $4,000,000

5.2 Design Builder:
   Calacci Construction

5.3 Documents:
   a. Design Review Meeting #2 drawings and specs dated 01/05/2017
   b. To review the current documents, please send an e-mail request to: facilities-dcs@uiowa.edu
   c. The e-mail must include the subject line: CWP2(West) - Increase Cooling Tower Capacity – 0691801 – RFP for Special Inspections

6. Description of Services:
Please provide a proposal for the following scope of services: Please note that the list in 6.0 below supersedes any preliminary special inspections requirements noted in the Design Review Meeting #2 set of Plans and Specifications.

6.0 Scope of Testing/Special inspections Services: **

   6.0.1 Cast-in-Place Concrete
      *Intermittent Inspection: Air, Slump, Compressive Strength, Curing
      Applies to: Concrete cooling tower, basin, etc.

   6.0.2 Concrete Reinforcement and Formwork
      *Intermittent Inspection: Placement of formwork, reinforcement, and accessories
      Applies to: Concrete cooling tower.

   6.0.3 Applied Fire-proofing
      *Intermittent Inspection: Thickness, Bond, & Density tests
      Applies to: reinforced or new interior structural framing members (columns, braces, etc)
6.0.4 High Performance Coatings:
Intermittent Inspection: Dry film thickness (non-destructive method).
Applies to: Shop-painted, exterior structural steel under cooling tower basin, and shop-painted steel tube-framing structures that frame the aluminum architectural screen wall (louvers). Testing of the louvers is not required.

**Masonry and Structural Steel inspections are NOT to be included in this contract proposal. See Project Manual Specifications sections for details related to the items above where applicable. Where details on frequency of tests or other details is not provided, please provide an estimate based on your understanding of what is standard for the industry and note the assumed number of tests/inspections in your proposal.

6.1 For intent of this submittal, it is estimated that work under this project will be performed six (6) days per week, Monday through Saturday.

6.2 Attendance at pre-installation meetings will be required for each scope of work for which testing and inspections are required. Pre-installation meetings will be scheduled by the Contractor and the Contractor shall be responsible for meeting minutes and distribution via Submittal Exchange.

6.3 Attendance at bi-weekly progress meetings and a monthly deficiency meeting will be upon request especially during times of high frequency testing.

6.4 Coordination of services with the General Contractor so as to not impede the construction schedule.

6.5 Any deficiencies noted during testing and inspections shall be verbally reported to the General Contractor’s appointed responsible person before the field technician leaves the site. If uncorrected after a reasonable period of time, to attention of the Owner and Design Professional.

6.6 Parking onsite for one vehicle due to equipment and materials is included. All other parking is at an off-site location and is to be provided by this Consultant.

6.7 Notify Owner of any anticipated additional services before proceeding with the work or at the time it occurs if it is not foreseeable. In order for testing professional to be compensated for additional services, work must be identified as added scope, retest or delay with proper notification and timely costs prepared. Delays, such as wait times for pours, etc. will not be compensated if technician has other activities to perform or the inspection is to be full time.

6.8 CONFLICTING REQUIREMENTS
a. If compliance with two or more standards is specified and standards establish different of conflicting requirements for minimum quantities or quality levels, comply with the most stringent requirement; refer uncertainties and requirements that are different, but apparently equal, to Owner’s Representative for a decision before proceeding.
b. Minimum quantity or quality levels: Quantity or quality level shown or specified shall be minimum provided or performed; actual installation may comply exactly with minimum quantity or quality specified or it may exceed minimum or maximum, as appropriate, for context of requirements.

6.9 The Consultant shall use Submittal Exchange to access submittals for this project.

6.10 The University will provide an on-line, secure project communications web site which for use by the Owner’s Representative, Design Professional and
Contractor as the major method of communicating and storing contract change document information. This web site will be used to communicate request for information (RFI), and instructions to contractor (ITC).

7. Deliverables.

7.1 DOCUMENTATION – Submit reports to the Owner, Design Professional, Building Official, and General Contractor.
   a. Detailed daily field logs will be turned in within 24 hours specifically noting, in detail, the work that occurred for that day.
   b. Provide electronic copy of written reports within 48 hours of inspection or test.
   c. A deviation log will be maintained and updated for weekly to allow for tracking of open deficiency items.
   d. A final report of inspections will be required.
   e. All inspection and test reports, daily field logs, and all other reporting and documentation shall be uploaded to Submittal Exchange. Submittal Exchange shall serve as the primary means of distribution. All information shall be uploaded or distributed so as to not cause delays in construction or delays in reporting information and at a minimum of once a week.

8. Schedule.

The project is currently in the DD/CD phase of design. The fire-proofing inspections scope of work may begin in January 2018, with concrete and paint work occurring later in the Spring and/or Summer 2018. The approximate project schedule is as follows:

- CD Early package, DD Balance of project Review Mtg. ~January 16, 2018
- Begin Construction ~January, 2018
- CD Balance of project Review Meeting ~February 22, 2018
- Cooling Tower Start-up & Testing ~July 11, 2018
- Substantial Completion ~July 13, 2018