August 31, 2017

Re: Request for Proposals- Third Party Testing and Special Inspections

0303801-Psychological and Brain Sciences Building-Construct Facility-REBID
University of Iowa

The University of Iowa, located in Iowa City, Iowa, seeks a qualified Company to provide Special Inspections and Testing 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. Lump sum not to exceed proposal to include contract documents and addendum.

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.

1.4 STRUCTURAL STEEL SPECIAL INSPECTOR – The assigned person shall
work under the direct supervision of an American Society for Nondestructive
Testing (ASNT) Level III technician who is also an American Welding Society
Certified Welding Inspector (AWS/CWI) and the supervising engineer.
   a. The field technician shall be an American Welding Society Certified
      Welding Inspector (AWS/CWI) who is also an ASNT Level II
      technician or higher.
   b. The assigned person shall also have a minimum of five (5) years of
      field experience, during which time the person acted as the lead NDE
      technician on at least five (5) large structural steel buildings. The
      structural steel and decking related services will be done under the
      guidelines of special inspections. Details of these five (5) projects,
      along with other related projects and experiences, should be provided
      as part of the resume submittal.

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 all Addendum reviewed and included in proposal.
   2.8 Breakout pricing for relevant services for each of the three (3) Alternates
      listed. Pricing for each Alternate will be taken into consideration when
      evaluating feasibility of awarding Alternates prior to issuance of Notice of
      Award.

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 pm (Noon) on Tuesday,
   September 26, 2017.

   Submit electronically to:
   robert-young@uiowa.edu and facilities-dcs@uiowa.edu
Include on the subject line: **RFP for 0303801-Psychological and Brain Sciences Building-Construct Facility-REBID**

Should you have any questions or comments, please contact:

**Robert Young**  
Construction Project Manager  
University of Iowa  
FM - Design & Construction  
200 University Services Building  
Iowa City, Iowa 52242-1922  
robert-young@uiowa.edu

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, but is not limited to, a 64,000 GSF addition to the East end of the existing Spence Laboratories of Psychology Sciences at the East campus of the University of Iowa. The addition is to be comprised of a mix of offices, dry laboratories, collaboration space, classrooms and student work areas. The Lower Level and Ground Level are composed of open commons spaces, classrooms and administration offices. The upper four stories contain faculty offices, dry laboratories, and open commons space. Also included in this project are the demolition of the Southeast wing of Seashore Hall, the installation of a sprinkler system in Spence Laboratories, and site utility work. Site utility work includes relocation of existing utilities and installation of services to the new building including pre-engineered direct-buried steam and condensate with connections in existing buildings and tunnels, storm and sanitary sewer, domestic and chilled water, and electrical and telecommunications ductbanks.

Abbreviations for building names used throughout this document:  
PBSB: Psychological and Brain Sciences Building  
SLP: Spence Laboratories of Psychology  
SSH: Seashore Hall  
VAH: Van Allen Hall  
STH: Stuit Hall
5.1 Project Construction Budget:
$24,337,200

5.2 Design Firm:
Architect: BNIM
MEPT: IMEG (formerly known as KJWW)

5.3 Documents:
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: 0303801-Psychological and Brain Sciences Building-Construct Facility-REBID.
d. Facilities Management Design and Construction will contact City Blue and instruct them to forward RFP responders an e-link.

6. Description of Services.
6.1 Provide services to perform Special and Owner Required Inspections and Testing Professional Services in accordance with IBC Chapter 17 - Special Inspection and as listed in the Contract Documents and Addendum. Reference specification sections for detailed requirements. This includes, but is not limited to Specification Section(s):

<table>
<thead>
<tr>
<th>Specification Section</th>
<th>Description</th>
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<tbody>
<tr>
<td>03 30 00</td>
<td>Cast-in-Place Concrete</td>
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<tr>
<td>03 30 01</td>
<td>Cast-in-Place Concrete for Site Work</td>
</tr>
<tr>
<td>03 41 00</td>
<td>Precast Structural Concrete</td>
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<tr>
<td>04 20 00</td>
<td>Unit Masonry</td>
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<tr>
<td>05 12 00</td>
<td>Structural Steel Framing</td>
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<tr>
<td>05 12 01</td>
<td>Structural Steel for Site Work</td>
</tr>
<tr>
<td>05 31 00</td>
<td>Steel Decking</td>
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<tr>
<td>07 81 00</td>
<td>Applied Fireproofing</td>
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<td>07 81 23</td>
<td>Intumescent Fireproofing</td>
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<td>07 84 13</td>
<td>Penetration Firestopping</td>
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<tr>
<td>07 84 46</td>
<td>Fire-Resistive Joint Systems</td>
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<tr>
<td>31 20 00</td>
<td>Earth Moving for Buildings</td>
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<tr>
<td>31 22 13 13</td>
<td>Earthwork and Rough Grading</td>
</tr>
<tr>
<td>31 23 16.13</td>
<td>Trench Excavation and Backfill</td>
</tr>
<tr>
<td>31 23 16.16</td>
<td>Structural Excavation for Minor Site Structures</td>
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<tr>
<td>31 23 16.29</td>
<td>Overexcavation and Backfill for Unsuitable Pipe Bedding Material</td>
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<tr>
<td>31 63 16</td>
<td>Auger Cast Grout Piles</td>
</tr>
<tr>
<td>32 11 16.16</td>
<td>Aggregate Subbase Courses</td>
</tr>
<tr>
<td>32 13 13</td>
<td>Concrete Paving</td>
</tr>
<tr>
<td>32 13 13.10</td>
<td>Concrete Paving for Sidewalks and Shared Use Paths</td>
</tr>
<tr>
<td>32 15 30</td>
<td>Granular Surface</td>
</tr>
</tbody>
</table>

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

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

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

6.6 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.

6.7 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.

6.8 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.

6.9 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.

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

6.11 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).

6.12 Additional services to be provided include:
   a. Full Time inspections of utility trenching backfill will be required for Specification Section 31 23 16.13. Inspections will start from top pipe bedding to final elevation.
   b. Track and maintain an auger cast grout piles log. This log will be used to reconcile unit prices between the Owner and Contractor.

6.13 Work not included:
   a. Water Testing of the exterior building enclosure.
   b. Below grade waterproofing.
   c. Testing, Adjusting and Balancing (TAB) for HVAC

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 so as to not cause delays in construction or delays in reporting information and at a minimum of once a week.

7.2 ADDITIONAL REPORTS:
   a. Maintain an auger cast grout piles log that the Owner will use to reconcile the unit prices for auger cast piles. This is to be updated following each inspection and included as part of the inspection report.
   b. Maintain a log for unit prices.

8. Schedule.
The project is currently under bid. The tentative Substantial Completion date is six hundred seventy-two (672) calendar days from Notice of Award. Issuance of Notice of Award expected by end of October 2017.