
Statement of Qualification

On-Call Structural Steel Fabrication Inspection Services

Date
4/24/18

Project
Merchants Bridge Main Spans and East
Approach

Send Statements of Qualifications to:
Terminal Railroad Association of St. Louis
1201 McKinley Ave.
Venice, IL 62090

Contact:
efields@terminalrailroad.com

RFP SCHEDULE		DATES (CST)
1.	Deadline for submittal of Service Provider requests for clarifications, modifications or questions regarding SOQ	2 PM on 5/15/18
2.	<u>Submittal Deadline for Statement of Qualifications</u>	<u>3 PM on 5/24/18</u>
3.	Service Provider Notice to Proceed	8/1/18

1.0 INTRODUCTION

TRRA is replacing the three main spans of the Merchants Bridge over the Mississippi River in St. Louis and encasing the existing East Approach in a lightweight cellular concrete fill. The scope of construction includes:

- A. Temporarily remove the existing scour protection (stone revetment) around the existing 4 masonry river piers.
- B. Improve bridge seismic capacity by encasing the existing 4 rubble infill masonry river piers in reinforced concrete with additional drilled shafts and/or micropiles drilled into river bedrock. Replace scour protection (stone revetment).
- C. Remove existing ties and rails from river spans. Remove existing three ~520' river trusses by either blast demolition or float out and construct three new ~520' steel trusses and float into place. Install ballast deck and new double track.
- D. Modify existing approach piers E1-E6. Modify existing deck plate girders for spans E1-E6 and W1-W6 with stiffeners and cantilevers to support a steel ballast pan and ballast track structure. Shift the EB deck plate girders south and install new ballast deck track structure to achieve a 15' track center.
- E. Encase existing East Approach substructure and superstructure within MSE style walls with lightweight cellular concrete fill, all supported by a series of concrete culverts.
- F. Widen existing East Approach to transition 15' track centers back to 12' track centers.

2.0 PURPOSE OF THIS SOQ

TRRA seeks the services to provide Quality Assurance Steel Fabrication Inspection Services audits of Contractor's Quality Control testing and program for the steel fabrication portion of the scope of work. It is anticipated that the selected service provider will review, test, inspect and document steel fabrication materials incorporated into the project in accordance with the plans and technical specifications.

TRRA anticipates entering into a contract with one service provider for on call testing for this Project.

3.0 SCOPE OF SERVICES

The service provider will provide quality assurance audits and testing of the Contractor's fabrication in the shop and in the field. The specifications generally conform to the requirements of Chapter 15, Steel Structures, of the AREMA Manual for Railway Engineering and the American Welding Society, Bridge Welding Code AWS D1.5. The Contractor's Structural Steel Fabricator shall be certified by AISC for the category of fabrication being performed. The Contractor has informed TRRA that Veritas Steel in Eau Claire, Wisconsin will

perform much of the project's steel fabrication <http://www.veritassteel.com/> .

The service provider shall provide resumes including the names, qualifications, CWI certificates, NDT qualifications and availability of personnel available for this project at both the field site in St. Louis, Missouri and the fabrication plant in Eau Claire, Wisconsin.

Duties expected of the service provider includes, but are not limited to, the

following:

1. Submit a Quality Assurance Audit plan and proposed audit documentation for approval by Railroad's Construction Manager.
2. Attend the prefabrication meeting.
3. Provide comments on the applicable portions of the Contractor's Quality Control Plan.
4. Perform the applicable portions of the Railroad's Quality Assurance function as it relates to Contractor and Fabricator's conformance with the plans and specifications and the Quality Control Plan.
5. Witness and monitor audit sampling of required Non-Destructive Testing (UT, RT, VT, PT, & MT).
6. Obtain and examine approved shop drawings, approved welding procedures and prefabrication meeting minutes.
7. Review fabricator qualifications to verify conformance with the specifications.
8. Write a daily inspection report to document the activities and findings as witnessed.

4.0 RESPONDING TO THIS SOQ

Email Indicating Interest. Service Providers who intend to respond to this SOQ are requested to notify TRRA by sending an email to efields@terminalrailroad.com with the SOQ name in the subject line. Please include the name, address, telephone, fax number, and e-mail address of the Service Provider and contact person.

Statement of Qualifications. Service Provider's Statement of Qualifications (SOQ) should clearly and accurately demonstrate specialized knowledge and experience required for consideration for the services under consideration. Submit one electronic copy of the SOQ, which consists of a Cover Letter and Standard Form 330, (Parts I and II) and three hard copies. SOQ shall be prepared in a bound 8.5" x 11" booklet format, using tabs to divide sections of the Form 330. Attachments, except as noted, will not be accepted. Submit your SOQ in one package to the address shown on page 1 of this RFP.

In your SOQ please provide:

- 4.1 **Cover letter.** A cover letter, signed by an authorized representative of the prospective Service Provider, shall include the name, address, telephone, fax number, e-mail address, and federal tax identification number of the proposing Service Provider. (one page maximum)
- 4.2 **Standard Form 330**, (U.S. General Services Administration): See link below.
 - 4.2.1 Complete Form 330 in full, per specific instructions included therein.
 - 4.2.2 Part 1 (F): Examples of the prospective Service Provider's projects (at least 10 projects). Provide owner's information for each project as a reference contact.
 - 4.2.3 Part 1 (H): The prospective Service Provider shall describe its specific responses to the evaluation criteria, numbered and titled as listed in section 6.0 of this RFP.

For Standard Form 330, please go to: <https://www.gsa.gov/cdnstatic/SF330-16e.pdf?forceDownload=1>

- 4.3 Responsive SOQs should provide straightforward, concise information that satisfies the requirements specified. Expensive bindings, color displays, and the like are not necessary. Emphasis should be placed on brevity, conformity to instructions, specified requirements of this RFP, and clarity of content.
- 4.4 Note that DBE documentation is not submitted with the SOQ, but is to be submitted only if the Service Provider is selected for services. Proposed DBE services providers shall be identified in the SOQ. **The DBE goal for these services is 20%**. DBE firms must be listed in either the Illinois UCP, <http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index> , or Missouri UCP, http://www.modot.org/business/contractor_resources/External_Civil_Rights/UCF.htm .

5.0 SELECTION PROCESS

- 5.1. An evaluation panel composed of predominantly TRRA staff will review and score the SOQs, based on the selection criteria, and determine the most qualified firm(s).
- 5.2. TRRA anticipates entering into a Cost Plus Fixed Fee Contract with the selected services provider.

6.0 EVALUATION OF SOQs

TRRA will evaluate Statements of Qualifications using the following criteria:

Personnel Qualifications (30%)

1. Provide a brief resume for the persons available for performing the inspections at the fabrication shops. Resume should include past and present experience.
2. CWI Certification and Certification Number.
3. NDT knowledge and experience and any certifications.

Staff Experience (30%)

1. Experience performing steel bridge inspections, including fracture critical bridges.
2. Experience working with state DOT agencies and/or Railroads.
3. Experience with AWS D1.5.

Communication (20%)

1. Must be able to maintain required documentation.
2. Work closely with the Railroad Construction Manager.
3. Must be able to describe / communicate and implement / recommend corrective actions for non-compliant fabrication.

Mobility / Availability (20%)

1. The fabrication inspector shall be able to physically perform structural steel inspection at heights within the confines of a steel fabrication facility.
2. Proximity of available personnel to the fabrication inspection facility in Wisconsin and the Project Site in St. Louis, Missouri.