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**REQUEST FOR PROPOSAL**  
**On-Call Construction Materials Testing and**  
**QA Audit**

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**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](mailto:efields@terminalrailroad.com)

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

## 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 RFP

TRRA seeks the services to provide Quality Assurance materials testing audits of Contractor's Quality Control testing and program. It is anticipated that selected firms will review, test, inspect and document construction 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 scope of services required by this RFP include some or all of the following services:

- 3.1 **Required Tests:** Materials testing is as required by the construction documents and its referenced standards. These tests may include but are not limited to: soil, aggregate base and surface course compaction density testing; Portland Cement concrete testing for slump, air entrainment,

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temperature, and compression strength; topsoil quality testing; rock bolt testing; CSL testing of drilled shafts; grout cube strength testing, steel welding and bolt testing; mag particle and dye penetrant testing of steel: cellular concrete density and strength testing; dry film and adhesion testing of spray waterproofing; other testing as determined through the course of the contract.

Some construction documents may require other testing which may require a testing laboratory.

Some of this work will take place on trusses constructed at or near the site. Persons providing the service must be competent and trained on working from manlifts on barges or from work platforms and familiar with fall protection and retrieval. Provider will be required to comply with the Contractor's Safety Plan.

## 4.0 RESPONDING TO THIS RFP

**Email Indicating Interest.** Service Providers who intend to respond to this RFP are requested to notify TRRA by sending an email to [efields@terminalrailroad.com](mailto:efields@terminalrailroad.com) with the RFP name in the subject line. Please include the name, address, telephone, fax number, and e-mail address of the Service Provider (firm) 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 materials testing and testing laboratory 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.

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- 4.2.3 Part 1 (H): The prospective Service Provider shall describe its specific responses to the selection criteria, numbered and titled as listed in section 6.0 of this RFP.

For Standard Form 330, please go to:

[http://contacts.gsa.gov/webforms.nsf/0/21DBF5BF7E860FC185256E13005C6AA6/\\$file/sf330.doc](http://contacts.gsa.gov/webforms.nsf/0/21DBF5BF7E860FC185256E13005C6AA6/$file/sf330.doc)

- 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/UFC.htm](http://www.modot.org/business/contractor_resources/External_Civil_Rights/UFC.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).

## **6.0 EVALUATION OF SOQs**

TRRA will evaluate Statements of Qualifications using the following criteria:

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<b>Points</b>	<b>Criteria</b>	<b>100 points maximum</b>
30	<b><u>Experience of the Firm:</u></b> Demonstrated experience of the firm in relation to the scope of potential work, and quality of service provided to customers in the past on projects of similar complexity;	
30	<b><u>Expertise of Personnel:</u></b> Demonstrated expertise of the key personnel on projects of similar complexity in relation to the scope of potential work;	
20	<b><u>Availability of Resources:</u></b> Demonstrated ability of the Service Provider to provide staff and resources necessary to provide material testing and special inspection services;	
10	<b><u>Quality Assurance:</u></b> Demonstrated record that the Service Provider has delivered high quality services and documentation to its clients, and has in place an effective continuous quality improvement process;	
10	<b><u>Service Provider Location:</u></b> Proximity of testing personnel and testing laboratories to the project location.	

## **7.0 ADDITIONAL REQUIREMENTS**

- 7.1 MODOT LPA,  
[http://epg.modot.org/index.php?title=136.4 Consultant Selection and Contract Management](http://epg.modot.org/index.php?title=136.4_Consultant_Selection_and_Contract_Management) Articles 136.4.1.6 Conflict of Interest, 136.4.1.7 Suspension/Debarment
- 7.2 Submittals should be sent by registered mail, certified mail, overnight courier, or by hand delivery. Incomplete submittals may be rejected without review. Any submittals received after the deadline will be rejected without review.
- 7.3 Prospective Service Providers may submit questions to TRRA via e-mail to [efields@terminalrailroad.com](mailto:efields@terminalrailroad.com) no later than the date identified on page 1 of this RFP. Please indicate the title in the subject line.
- 7.4 All notices, clarifications, and addenda to this RFP will be emailed to the contact provided by the Service Provider in the Email Indicating Interest.