

Project:	Statewide On-Call Structural Steel Inspection Services PREQUALIFIED LOW-BID CONTRACTS (3 contracts)
Posting Date:	Dec 23, 2022
Scope of Work:	<p>Three (3) individual On-Call Statewide Agreements, anticipated at \$600,000 each, to be awarded for a three-year term, are needed to provide quality assurance inspection services for structural steel fabrication at various facilities located throughout the United States furnishing bridge components on demand for numerous bridge projects.</p> <p>Work assignments will be based upon location of fabrication, and volume of work, to make best use of these funds.</p> <p>The contract type of fee will be a specific rate of pay at an hourly rate for the classification of employee directly engaged in the work.</p> <p>The Bureau of Bridge Design is soliciting a Letter of Interest (limited to two pages) with an attached Statement of Qualification. The minimum requirements for qualification and a list of Inspector classifications are included at this link [Classifications].</p> <p>The firm's Statement of Qualification shall include a description of the company, a summary of work experience and qualification relative to the minimum requirements, resumes of key personnel, the project manager to oversee all aspects of the work, and three current references from clients.</p> <p>A sample contract will be sent to interested firms prior to Bid.</p> <p>Prequalified firms will be invited to Bid on the proposed contracts.</p> <p>For additional information contact: John G. Stockton, P.E., NHDOT Bridge Design, at (603) 271-2731, or at John.G.Stockton@dot.nh.gov</p>
Closing Date:	Interested firms must submit a Letter of Interest, on or before February 14, 2023 to: Loretta Girard Doughty, PE, Administrator, Bureau of Bridge Design via e-mail (receipt will be confirmed): Loretta.G.Doughty@dot.nh.gov
Services Required:	INSP
Transparency Disclosure:	Any information submitted in response to a Request For Proposal (RFP) may be subject to public disclosure under RSA 91-A. In addition, in accordance with RSA 9-F:1, any contract entered into as a result of a RFP will be made accessible to the public online via the website Transparent NH (http://www.nh.gov/transparentnh/).

STATEWIDE 43896-43897-43898
STRUCTURAL STEEL INSPECTION SERVICES

A. CONTRACTOR MINIMUM QUALIFICATIONS

1. The firm shall employ a minimum of ten (10) Certified Welding Inspectors (CWI's) available to inspect at fabrication shops within the geographic regions described in paragraph 4. The firm shall demonstrate that ten CWI's have been on the firm's payroll during the previous twelve-month period.
2. The firm shall have a minimum of three (3) years continuous experience, during the period immediately preceding the request for qualification letter, furnishing inspection services for the construction of welded steel bridge structures and ancillary products fabricated in AISC certified shops and conforming to the *AASHTO/AWS D1.5, Bridge Welding Code*.
3. The firm shall have provided satisfactory inspection services to a minimum of two (2) State Departments of Transportation during the period and for the scope of work described in paragraph 2.
4. The firm shall have the capability, as a minimum, of providing CWI inspection services at all fabrication shops located in Regions 1, 2, and 3, including those facilities listed in Table 1.

Region: 1 New England States (CT, MA, ME, NH, RI, VT)
 2 Mid-Atlantic States (DE, MD, NJ, NY, PA)
 3 Central States (TX, and states bordering Mississippi R) and Southeastern States
 4 Western States

5. The firm shall furnish, when inspecting painting and galvanizing in addition to steel fabrication, CWI Inspectors who have basic coating inspection qualifications and experience (see section C.1.a).
6. The firm shall furnish, when required, a Coating Inspector with advanced coating inspection qualifications and experience (see section C.1.c). This inspector classification may be required for occasional projects, including painting large or complex bridges, thermal spray zinc (TSZ, i.e. metallizing), duplex coating systems (e.g. galvanized-painted, galvanized-powder coated, metallized-sealed, or metallized-painted), as directed by the Department.
7. The firm shall be able to furnish CWI field inspection services at bridges and job sites located throughout the State of New Hampshire.
8. The firm shall be able to furnish non-destructive testing (NDT) services with minimum Level II Operator qualification for magnetic particle testing (MT), dye penetrant testing (PT), or ultrasonic testing (UT), generally intended for field work at bridges and job sites located throughout the State of New Hampshire.

B. INSPECTOR CLASSIFICATIONS AND QUALIFICATIONS

1. Inspectors shall be qualified and have prior experience in the classification of work in which they are to perform and shall adequately and completely perform the requirements of the following Inspector classifications:
 - a. Certified Welding Inspector (Shop) (CWI-Shop)

All QA Structural Steel Inspectors working in a shop facility shall be an AWS Certified Welding Inspector (CWI) qualified and certified in accordance with the provisions of AWS QC1, unless otherwise authorized, with three years experience (minimum) inspecting bridge fabrication work conforming to AWS D1.5.

Work involving the application of paint, galvanizing, or other coatings shall require two years experience inspecting bridge coating work, and forty hours basic training (minimum) in coating inspection fundamentals, such as meeting SSPC BCI *Bridge Coating Inspector*, NACE Level I, or in-house training from a NACE Level 3 Certified Coatings Inspector with experience inspecting bridge coating work.

b. Certified Welding Inspector (Field) (CWI-Field)

All QA Structural Steel Inspectors working at a field jobsite throughout the State of NH shall meet the same CWI qualifications as for those working in a shop facility.

Inspection work at field jobsites throughout the State of NH typically would be of relatively short duration (e.g. one day or a few days) for field welding, repairs, etc.

c. Non-Destructive Testing Operator (Field) (NDT-Field)

NDT Operators shall be qualified and certified to Level 2 (minimum), in accordance with ASNT Recommended Practice No. SNT-TC-1A *Qualification of NDT Personnel*, for magnetic particle (MT), dye penetrant (PT), or ultrasonic testing (UT), and have three years work experience (minimum) in that discipline.

Non destructive testing work at field jobsites throughout the State of NH typically would be of relatively short duration (e.g. one day or a few days) for field welding, repairs, etc.

d. Coating Inspector (Shop) (NACE 2-Shop)

A Coating Inspector shall have NACE Level 2 certification (minimum), and SSPC BCI Bridge Coating Inspector, and have two years experience (minimum) inspecting the application of sophisticated high performance coatings to bridge members.

2. A CWI may be supported by an Assistant Welding Inspector, who is qualified by training and experience to perform specific inspection functions, working under the direct, on-site or readily available active supervision of a CWI, if circumstances warrant it, and with prior approval by the DEPARTMENT.

3/19/04, 11/28/07, 05/25/11, 2/29/2012, 9/17/14, 02/26/19, 12/19/22
 Statewide 43896-43897-43898 On-Call Structural Steel Inspection Services
 Prequalified, Low-Bid, Consultant Selection Process
 Minimum Qualifications

Region **	STATE	TABLE 1 PARTIAL LIST OF SHOPS FURNISHING FABRICATED STEEL PRODUCTS TO NHDOT During period 2015-2018 (*During period 2004-2014)											Welded Girders	Rolled Beams	Bridge Rail	Exp. Jts.	Overhead Sign	Bearings	Pedestrian Bridge	Vehicle Truss	Grid Decking	Foundation Piles	Metallizing	Special Work

3		CENTRAL & SOUTH EASTERN STATES REGION																					
3	AL	*Contech (Steadfast Bridges), Fort Payne																					
3	AL	*Favor Steel, Bessemer																					
3	AL	*Hardie-Tynes Co, Inc., Birmingham																					
3	AL	Walpar Inc., Birmingham																					
3	IL	*Scot Forge, Spring Grove																					
3	OH	D.S. Brown, North Baltimore																					
3	OH	*Dyson Corp, Painesville																					
3	OH	*Trinity Industries, Girard																					
3	OH	Union Metal Corp, Canton																					
3	OH	*US Bridge Corp, Cambridge																					
3	MI	*Composite Forging, Ltd, Detroit																					
3	MN	*Contech (Continental Bridge), Alexandria																					
3	MN	*Wheeler Lumber LLC, Minneapolis																					
3	MO	Brookfield Fabricating, Brookfield																					
3	MO	*Trinity Products, St. Charles																					
3	MO	*Wire Co World Group, St. Joseph																					
3	NC	*Hirschfeld Industries, Colfax, Nash Co	x																				
3	TX	Dynamic Rubber (Cosmec), Athens																					
3	TX	*Houston Structures, Houston																					
3	TX	Seismic Energy Products, Athens																					
3	VA	*Hirschfeld Industries (Abington), Bristol	x																				

- **Region: 1 New England States (CT, MA, ME, NH, RI, VT)
 2 Mid-Atlantic States (DE, MD, NJ, NY, PA)
 3 Central States (TX, and states bordering Mississippi R) and South Eastern States
 4 Western States