

PENNSYLVANIA TURNPIKE COMMISSION

RETENTION OF AN ENGINEERING FIRM

Systemwide Biennial Bridge Inspection

Reference No. 3-223

The Pennsylvania Turnpike Commission will retain an engineering firm to perform the re-inspection of approximately 875 structures owned by the Pennsylvania Turnpike Commission. The structures include bridges and culverts that are 20 feet or more in length. Visual and hands-on re-inspection of approximately three hundred (300) high mast light poles, approximately eighty (80) retaining walls, approximately fifty (50) sound barrier walls, and five (5) tunnels (structural components only) will also be included. The work will be performed in order to meet the current national bridge inspection standards of the Federal Highway Administration and the Pennsylvania Department of Transportation's Bridge Management System 2 (BMS2).

Each bridge and all components of the other structures, shall be inspected, rated and appraised based on criteria and guidelines defined in the following documents:

- National Bridge Inspection Standards (NBIS).
- AASHTO Manual for Condition Inspection of Bridges, 1994, 2nd Edition, and its updates.
- Safety Inspection of In-Service Bridges, Publication No. NHI 03-0004, October 2002, and all revisions.
- Bridge Inspector's Reference Manual, Publication No. FHWA NHI 03-001, October 2002, and all revisions.
- PA CoRe Element Coding Guide, Publication 590, 1st Edition, December 2006, and all revisions.
- Bridge Safety Inspection Manual, Policies and Procedures, Publication 238, 2nd Edition, March 2010, and all updates.
- Culvert Inspection Manual, Report No. FHWA-IP-86-2.
- Inspection of Fracture Critical Bridge Members, Report No. FHWA-IP-86-26.
- Fracture Critical Inspection Techniques for Steel Bridges, Publication No. FHWA-NHI 02-037, and all updates.
- Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges, Report No. FHWA-PD-96-001.

- Bridge Management System 2 (BMS2) Coding Manual, Department Publications 100A, July 2009, and all updates.
- BMS Coding Forms D-491 and their updates or a printout of the individual structure records from BMS2.
- Pontis Bridge Management Release 5.1 User's Manual, August 2009, and all updates.
- AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals.

The consultant must follow the existing 2-year interval schedule. Work performed must be completed by January 31, 2014.

The following factors are listed in order of importance and will be considered by the Commission during the evaluation of the Statements of Interest for this project:

- a. Firm's experience performing NBIS bridge inspection contracts either as a prime or as a subconsultant. The firm should identify similar projects that have been completed as well as the magnitude of the project and the client.
- b. Firm's understanding of the anticipated project specific issues and challenges.
- c. Project Manager's experience and the experience of the key staff with similar projects and how they will manage their design team including any subconsultants to ensure quality project submissions that meet all established submission dates.
- d. Provide discussion on the proposed team's QA/QC program and how the prime consultant will ensure the accuracy and completeness of all deliverables.
- e. Workload of the prime consultant and subconsultants; identify all current Pennsylvania Turnpike Commission and Department of Transportation projects, and their percentage complete.
- f. DBE/MBE/WBE certification if applicable or the inclusion of DBE/MBE/WBE certified firms on the project team.

Address these items and any necessary further details in a brief yet comprehensive manner in the Statement of Interest.

GENERAL REQUIREMENTS AND INFORMATION

Firms interested in providing the above work and services are invited to submit a Statement of Interest with the required information. The Statements of Interest must include the following:

1. One page transmittal letter clearly identifying the project reference number, brief description of the project from the advertisement, the firm's federal identification

number, the firm's legal name, contact person or project manager, address of corporate office and project office. (If the firm has multiple offices, the location of the office performing the work must be identified). In addition, identify the CADD format to be used on the project.

2. A five (5)-page maximum expression of interest on the advertised project. Each firm should demonstrate their ability to perform the specific requirements indicated above and provide explanation of the technical approach including the roles of each subconsultant and the extent that each subconsultant will be utilized.
3. An organization chart for the Project identifying key personnel and identifying all subconsultants and their specific assignments. Any deviation from the subconsultants listed in the statement of interest will require written approval from the Commission.
4. Tabulation or listing of workload for the prime consultant and all subconsultants for all Pennsylvania Department of Transportation and Pennsylvania Turnpike Commission projects. Do not graphically represent the firm's workload.
5. A Consultant Qualification Package similar to the one submitted to the Pennsylvania Department of Transportation for the current year or one that is best suited for this project. A copy of the Consultant Qualification Package printed directly from PaDOT's ECMS website is acceptable.

The Consultant Qualification Package should contain, at a minimum, the following information for the prime consultant and all subconsultants and attached to the back of the Statement of Interest (subs to follow primes):

- ECMS General Information and Project Experience Forms or Standard Form (SF) 254 - Architect-Engineer and Related Services Questionnaire in its entirety, either not more than one (1) year old as of the date of the advertisement.
- Resumes of key personnel expected to be involved in the project. (Limit to two (2) 8-1/2 x 11 pages, per person). Include only resumes of key personnel.
- Copy of the firm's registration to do business in the Commonwealth as provided by the Department of State for firms with out-of-state headquarters or corporations not incorporated in Pennsylvania.
- A copy of the firm's DBE/MBE/WBE Certification, if applicable.

If a Joint Venture responds to a project advertisement, the Commission will not accept separate statements of interest from joint venture constituents. A firm will not be permitted to submit a Statement of Interest on more than one (1) joint venture for the same project reference number. Also, a firm that responds to a project as a prime may not be included as a designated subconsultant to another firm that responds to the same project advertisement. Multiple responses under any of the forgoing situations will cause the rejection of all responses of the firm or firms involved. This does not preclude a firm from being set forth as a designated subconsultant to more than one prime consultant responding to the project advertisement.

The Turnpike Commission is committed to the inclusion of disadvantaged, minority, and woman firms in contracting opportunities. Responding firms shall clearly identify in the Statement of Interest the DBE/MBE/WBE firms expected to participate in this contract. Proposed DBE/MBE/WBE firms must be certified by the Pennsylvania Department of General Services (www.dgs.state.pa.us) or the Pennsylvania Unified Certification Program (www.paucp.com) at the time of the submission of the Statement of Interest. While DBE/MBE/WBE participation is not a requirement for this RFP, inclusion of DBE/MBE/WBEs will be a factor in the evaluation.

Questions and inquiries concerning this solicitation should be directed to Mr. Brian M. Ranck, P.E., at (717) 939-9551, Extension 3630; or by e-mail at branck@paturnpike.com. Contractual questions should be directed to Mr. Donald S. Klingensmith, P.E. at (717) 939-9551, Extension 5850; or by e-mail at dklingen@paturnpike.com.

Firms interested in performing the above services are invited to submit one (1) copy of a statement of interest and required information to Mr. Donald S. Klingensmith, P.E., Manager of Contracts Administration, at the PA Turnpike Commission Administration Building. Our ground address for overnight/next-day deliveries is 700 South Eisenhower Boulevard, Middletown, PA 17057. Our mailing address for U.S. Mail is P. O. Box 67676, Harrisburg, PA 17106-7676. **Please note that use of U.S. Mail, FedEx, UPS, or other delivery method does not guarantee delivery to this address by the time listed below for submission. Firms mailing a Statement of Interest should allow sufficient delivery time to ensure timely receipt of their Statement of Interest.**

The Statement of Interest and required information must be received by 12:00 PM (noon), Local Time, **Wednesday, October 5, 2011**. Any Statements of Interest received after this date and time will be time-stamped and returned.

Based on an evaluation of acceptable statements of interest received in response to this solicitation, one (1) firm will be selected for this assignment. Statements of Interest will be reviewed, evaluated and rated by a Technical Evaluation Team comprised of qualified personnel. The Technical Evaluation Team will present the evaluations to the Professional Services Procurement Committee (PSPC). The PSPC will establish an order of ranking for the purpose of negotiating an agreement and will recommend the selection of the highest ranked firm for approval by the Commission. Technical Proposals will not be requested before the selection.

The Commission may revise a published advertisement. If the Commission revises a published advertisement less than ten days before the Statement of Interest due date, the due date will be extended to maintain the minimum ten-day advertisement duration if the revision alters the project scope or selection criteria. Firms are responsible to monitor advertisements to assure the Statement of Interest complies with any changes in the published advertisement.

The Commission reserves the right to reject all statements of interest, cancel solicitation requested under this notice, and/or to re-advertise solicitation for the work and services.

William K. Lieberman
Chairperson

