

PENNSYLVANIA TURNPIKE COMMISSION

RETENTION OF AN ENGINEERING FIRM

Replacement of the Hawk Falls Bridge (NB-610, MP A-88.59)
Carbon County

Reference No. 5-075

The Pennsylvania Turnpike Commission will retain an engineering firm to perform engineering design services for the replacement of the Hawk Falls Bridge, Bridge No. NB-610 at Milepost A-88.59. This bridge carries the Turnpike over Mud Run in Penn Forest and Kidder Townships, Carbon County. The Hawk Falls Bridge, approximately 750 feet in length, is a three span, deck truss bridge with a deck I-beam approach span on each end. The replacement of a three span mainline bridge, 112 feet in length, carrying the Turnpike over Hickory Run Road (SR 534) directly north of the Hawk Falls Bridge will also be included. The proposed bridges will carry two lanes in each direction.

The first part of this project will be to perform a study to determine the feasibility of rehabilitation of the existing structure as part of the widened river crossing as opposed to totally replacing the existing bridge. Realignment of the Turnpike in the vicinity of the bridge will also be investigated to facilitate the bridge replacement. The determination of a conceptual line and grade, right-of-way and utility impacts, and environmental impacts will also be included with the study. The study will also develop a conceptual construction staging scheme and construction cost estimate.

The second and third parts of this project will be to perform preliminary and final design, including but not limited to the following engineering design tasks and services: project management; field surveys; plotting topography and cross sections; preparation of bridge replacement alternatives reports for all structures; utility verification and relocation engineering; right-of-way investigation and plans; field view meetings; erosion and sedimentation control details and narrative; environmental studies and tasks necessary for permitting; stormwater management; Design Field View Submission and Type, Size, and Location Reports; soil and foundation engineering reports; roadway plans; structure plans; traffic control plans and narrative; construction plans, specifications and estimates.

All subsurface borings will be performed through the Commission's Open-End Drilling Contract.

The construction cost for this project is estimated at \$70,000,000.

Low-level photography will be available for the project that meets NMAS for photo scale 1"=200'. DTM files in AutoCAD DWG and Microstation DGN format will also be provided. The Consultant may be required to perform supplemental surveys. Also, cross sections will be cut and plotted from the available information. The design for this project will be performed in English Units. All plans (drawings), including cross-sections, profiles, etc. will be prepared utilizing AutoCAD DWG or Microstation DGN format. Translation of the plans from one format to the other is not acceptable.

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

- a. Firm's experience working on major bridge projects either as a prime or a sub consultant. The firm should identify similar projects that have been completed as well as the magnitude and client.

- b. Provide discussion of the firm's understanding of the anticipated project specific issues and challenges.
- c. Project Manager's experience 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 firm's QA/QC program and how the firm will ensure the accuracy and completeness of all deliverables.
- e. Workload of the prime consultant and subconsultants for all Pennsylvania Turnpike Commission and Pennsylvania Department of Transportation projects. Any other factors or insights specific to the project.

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

Questions and inquiries concerning this solicitation should be directed to Mr. Bernie J. Zielinski, P.E. (717) 939-9551, Extension 5610, or by e-mail at bzielins@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.

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 three (3)-page expression of interest on the advertised project. Each firm should demonstrate their ability to perform the specific requirements indicated for each project and provide explanation of the technical approach.
3. An organization chart for the Project, identifying key personnel and any subconsultants and their roles. Any deviation from the subconsultant's 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 or 330 - 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). Only resumes of key personnel should be included.
- 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. The minimum participation level for DBE/MBE/WBEs in this contract will be 10%. Responding firms shall clearly identify in the Statement of Interest the DBE/MBE/WBE firms expected to participate in this contract and shall indicate the intent to maintain the minimum participation level throughout the life of the 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..

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, etc... 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, June 29, 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, the Commission will select one (1) firm for the purpose of negotiating an agreement. 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, to cancel solicitation requested under this notice, and/or to re-advertise solicitation for the work and services.

William K. Lieberman
Chairperson