

# **PENNSYLVANIA TURNPIKE COMMISSION**

## **RETENTION OF AN ENGINEERING FIRM**

### **Replacement of the Beaver River Bridge Bridge No. WB-211 at MP 13.21 in Beaver County**

#### **Reference No. 1-144**

The Pennsylvania Turnpike Commission will retain an engineering firm to provide engineering design services for the replacement of the Beaver River Bridge, Bridge No. WB-211 at Milepost 13.21. This bridge carries the Turnpike over the Beaver River, SR 1001 (River Road), and a railroad on each shore in North Sewickley Township, Beaver County. The Beaver River Bridge is a five-span, deck truss bridge with a deck I-beam approach span on each end, and is approximately 1,600 feet long. The existing bridge carries two lanes in each direction. The new bridge(s) will carry three lanes, shoulders, and a ramp in each direction.

Also included in this project is the reconfiguration of the Beaver Valley Interchange. The toll facilities have already been removed from this interchange. The reconfiguration will eliminate one or both of the existing interchange ramp bridges and create a more conventional interchange connection with SR 18.

The replacement of three overhead bridges directly to the west of the Beaver Valley Interchange will also be included.

The first part of this project will be to perform a feasibility study to reuse and modify the existing Beaver River Bridge as part of the widened river crossing or to totally replace the 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, side road and railroad impacts, 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 the other structures; utility verification and relocation engineering; right-of-way investigation and plans; field view meetings; erosion control details and narrative; environmental investigation and remediation plans, Design Field View Submission and Type, Size, and Location Reports; soil and foundation engineering reports; roadway plans; structure plans; traffic control plans and narrative; various project permits; construction plans, specifications and estimates.

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

All environmental tasks for this project including permitting are included with this work.

The construction cost for this project is estimated at \$120,000,000.

The Commission will consider the following factors during the evaluation of the firms submitting Letters of Interest for this project:

- a. Specialized experience and technical competence of prime consultant and subconsultants. The Team must clearly demonstrate an ability to analyze available data to make decisions and develop plans to complete the project in a timely and cost effective manner.
- b. Past record of performance with respect to cost control, work quality, ability to meet schedules and previous experience on similar projects. The consultant should identify similar projects that have been completed by that firm as the prime, the magnitude of the project, and the client.
- c. The specific experience and number of individuals who constitute the firm.
- d. Workload of the prime consultant and subconsultants for all Pennsylvania Department of Transportation and Pennsylvania Turnpike Commission projects.
- e. Other factors, if any, specific to the project.

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

The Turnpike Commission is committed to the inclusion of disadvantaged, minority, and woman firms (DBE/MBE/WBE) in contracting opportunities. The minimum participation level for DBE/MBE/WBEs in this contract will be 10%. Responding firms shall clearly identify DBE/MBE/WBE firms, expected to participate in this contract, in their statement of interest. If the selected firm does not meet the minimum requirement for DBE/MBE/WBE participation, they will be required to demonstrate good faith efforts to achieve the required level. Proposed DBE/MBE/WBE firms must be certified at the time the selected Team executes a contract with the Commission.

“Certified” means a firm certified by the Pa Department of General Services or PaUCP which includes the following agencies: Allegheny County, Office of Minority, Women and Disadvantaged Business Enterprises; City of Philadelphia, Minority Business Enterprise Council; Pennsylvania Department of Transportation, Bureau of Equal Opportunity; Port Authority of Allegheny County, Office of Equal Opportunity; Southeast Pennsylvania Transportation Authority, Small & Disadvantaged Business Utilization Department. If further information is desired concerning DBE/MBE/WBE participation, direct inquiries to the Commission’s Contract Administration Department at (717) 939-9551, extension 4241.

Questions and inquiries concerning this project should be directed to Mr. Gary L. Graham, P.E., at 717-939-9551, extension 5990, or by e-mail at [ggraham@paturnpike.com](mailto:ggraham@paturnpike.com), or to Mr. Brian M. Ranck, P.E., at 717-939-9551, extension 3630, or by e-mail at [branck@paturnpike.com](mailto:branck@paturnpike.com). Direct contractual questions to Mr. George M. Hatalowich at (717) 986-8737; or by e-mail at [ghatalow@paturnpike.com](mailto:ghatalow@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).
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) The Consultant Qualification Packages should be kept as brief as possible. Only include pertinent information as it relates to the following:

- 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 Department's DBE/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.

Firms interested in performing the above services are invited to submit one (1) copy of a statement of interest and required information to Mr. George M. Hatalowich, Manager of Contract Administration, at the **PA Turnpike Commission Administration Building located at 700 South Eisenhower Boulevard, Middletown, PA 17057. Our mailing Address is P. O. Box 67676, Harrisburg, PA 17106-7676.** Please note that use of **U.S. Mail delivery does not guarantee delivery to this address by the time listed below for submission. Firms mailing proposals should allow sufficient delivery time to ensure timely receipt of their proposals.**

The statement of interest and required information must be received by 12:00 PM (noon), Local Time, **Friday, July 28, 2006.** 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 these solicitations, one (1) firm will be selected for this contract. The order of preference will be established for the purpose of negotiating an agreement with the highest ranked firm established by the Technical Review Committee and approved by the Commission. Technical Proposals will not be requested prior to the establishment of the final ranking.

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.

Mitchell Rubin  
Chairperson