

# PENNSYLVANIA TURNPIKE COMMISSION

## RETENTION OF AN ENGINEERING FIRM

Total Reconstruction Milepost 53 to 57  
Allegheny County

### Reference No. 1-163

The Pennsylvania Turnpike Commission will retain an engineering firm to perform preliminary and final design services for the Total Reconstruction Project from Milepost 53 to 57 in Plum Borough and Municipality of Monroeville, Allegheny County. This project will include the total reconstruction of approximately 3.7 miles of the Turnpike roadway, and will result in a six-lane typical section with twelve (12) foot outside shoulders and widening of the median width from ten (10) feet to twenty-six (26) feet. This total reconstruction will also include the replacement of all overhead and mainline structures, the lengthening of culverts, and possibly the construction of new retaining and/or noise walls. The limits of reconstruction at the west end of the project will begin at approximately Milepost 53.3 and extend to the western limits of the Total Reconstruction Project from Milepost 57 to 67. The replacement of the ramp-bridge and reconfiguration of the mainline ramps to Pittsburgh Interchange and the replacement of the overhead bridge carrying Northern Pike over the Turnpike just to the east of the Pittsburgh Interchange are also included in this project.

The engineering services required will include supplemental field surveys, cross sections, evaluation of utility conflicts and potential relocations, development of erosion and sedimentation control plans and narrative, preparation of hydraulic reports for waterway approvals, preliminary and final traffic control plans, structural foundation reports, preparation of Type Size and Location and final bridge plans, preparation of preliminary and final right-of-way plans, geotechnical investigations, environmental studies and permitting, stormwater management, preparation of preliminary and final construction plans and specifications.

Low-level photography will be available for the project that meets NMAP for photo scale 1"=200'. DTM files in AutoCAD DWG and Microstation DGN format will also be provided. The Consultant will be required to perform supplemental surveys and reestablish the existing centerline of the Turnpike. 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 Statements of Interest for this project:**

- a. Firm's understanding of the anticipated project specific issues and challenges.
- b. Firm's experience working on major roadway and bridge reconstruction projects including traffic control, right-of-way impacts, stormwater design, noise analysis and mitigation, and environmental permitting. The firm should identify similar projects that have been completed as well as the magnitude and client.
- c. Project Manager's experience and the experience of the key staff with similar projects and how the design team, including any subconsultants, will be managed to ensure quality project submissions that meet all established submission dates.

- d. Firm's ability and reasonableness of the firm's strategy to ensure a quality product. 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. Past record of performance on similar projects with respect to budget control, work quality, and ability to meet schedules.

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

The lead firm/prime consultant selected for the Design Management contract which includes this design section is ineligible to be considered as a member of the design team for this contract. Subconsultants from the Design Management contract are eligible to be subconsultants on the design team. However, the Design Manager's subconsultants cannot be assigned by the Design Manager to the specific project(s) in which the subconsultant is directly involved as a member of a total reconstruction project design team.

Questions and inquiries concerning this solicitation should be directed to Mr. Neil T. Raup, P.E., at (717) 939-9551, Extension 5851; or by e-mail at [nraup@paturnpike.com](mailto:nraup@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](mailto:dklingen@paturnpike.com).

## **GENERAL REQUIREMENTS AND INFORMATION**

Firms interested in providing the above work and services are invited to submit four (4) copies of 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 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) 254/255 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 three (3) 8 1/2 x 11 pages, per person). Only resumes of five (5) 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 firm's (and subconsultants) DBE/MBE/WBE certification, if applicable.

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 DBE/MBE/WBE firms, expected to participate in this contract, in their Statement of Interest. Proposed DBE/MBE/WBE firms must be certified by the Pennsylvania Department of General Services ([www.dgs.state.pa.us](http://www.dgs.state.pa.us)) or the Pennsylvania Unified Certification Program ([www.paucp.com](http://www.paucp.com)) at the time of the submission of the 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.

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 foregoing 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 four (4) copies of a Statement of Interest and required information to Mr. Donald S. Klingensmith, P.E., 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, 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, **Thursday, July 12, 2012**. 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 by the Commission from this advertisement. Technical Proposals will not be requested before the selection. Statements of interest will be reviewed, evaluated, and rated by a Technical Evaluation Team (TET) of qualified personnel based on the evaluation criteria listed above. The TET will present the evaluations to the Professional Services Procurement Committee (PSPC). The PSPC will review the TET's evaluation and provide the Commission with the firm(s) determined to be highly recommended for this assignment.

The Commission will select the most highly qualified firm for the assignment or the firm whose proposal is determined to be most advantageous to the Commission by considering the TET's evaluation and the PSPC's determination as to each firm's rating. In making the PSPC's determination and the Commission's decision, additional selection factors may be considered taking into account the estimated value, scope, complexity and professional nature of the services to be rendered and any other relevant circumstances. Additional selection factors may include, when applicable, the following: geographic location and proximity of the firm, firm's Pennsylvania presence or utilization of Pennsylvania employees for the assignment; equitable distribution of work; diversity inclusion; and any other relevant factors as determined as appropriate by the Commission.

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  
Chairman