

PENNSYLVANIA TURNPIKE COMMISSION

RETENTION OF AN ENGINEERING FIRM

**Southern Beltway Project
U. S. Route 22 to Interstate 79
Section 55C2
East of T-872 to Relocated Morganza Road
and I-79 Interchange
Allegheny and Washington Counties, Pennsylvania**

Reference No. E-057

The Pennsylvania Turnpike Commission will retain an engineering firm to provide final design services for the development of a section of limited access highway (SR 0576) on new alignment between US Route 22 and I-79. The Southern Beltway will utilize All Electronic Tolling (AET) for toll collection. Design Field View (DFV) Plans (dated May 31, 2009) have been prepared by another consultant and approved by all regulatory agencies. These plans will be the basis of final design for this section. Additionally several tracts of land have been acquired by the Commission for the sole purpose of this project.

This design section is located in Cecil Township, Washington County and South Fayette Township, Allegheny County, and includes the completion of a new interchange with Interstate 79 and half of the diamond interchange with Relocated Morganza Road (SR 1009). The interchange at Interstate 79, involves numerous structures for all directional movements with Interstate 79 and also connections to a local roadway network (SR 1009). This contract involves the design of two sets of dual mainline structures. The first set will span Ramp 79S-576E and the other set will span Morgan Road (T-781). Six other structures included are a culvert carrying Coal Run under SR 0576 (ML); Ramp 79N-576W over SR 0576 (EB) and Ramp MR-C; Relocated Morganza Road (SR 1009) over SR 0576 (ML) and Ramp 79N-576E; a new Morgan Road bridge over I-79; new dual structures carrying I-79 over SR 0576 (ML); and the widening of dual structures carrying I-79 over Cecil-Henderson Road (SR 1010). Also included are the extensions of existing culverts under I-79 and a possible retaining wall along Ramp 79S-576W.

This final design section is rural with some residential areas. Detailed coordination with the U.S. Department of Veterans Affairs will also be necessary. The section begins to the east of Hickory Grade Road (T-872) and ends at the interchange with I-79 and Relocated Morganza Road. Multiple construction contracts may be developed from this final design section by combining adjacent sections into numerous smaller construction contracts. The length of this mainline section is approximately 12,900 feet.

Tasks required include, but are not limited to: Project Management; Scheduling; Design Review and Special Purpose Meetings; Highway and local road Design; Coordination with consultants involved in other design sections; Public Involvement; Coordination with Various Agencies and Special Interest Groups; Mapping; Field Surveys; Preparation of Final Type, Size, and Location Plans; Structural/Bridge Design; Seismic Analysis; Foundation Reports; Soils and Geological Investigations and Engineering; Utility Coordination; Right-of-Way Coordination; Environmental Permits and Tracking; E&S/Storm Water Management; Roadway Design; Interchange Geometrics; Cross Sections; Drainage - Hydraulic Computations; Contour Grading and

Drainage Plan; Pavement Design; Pavement Marking and Delineator Plans; Roadside Development Plan; Lighting; Noise Barrier Analysis; Noise Barrier Design; Traffic Signal Plans; Traffic Control Plan; Right-of-Way Plans; Value Engineering; Assemble Final Bridge Plans and Roadway Plans and Final Drafting; Quantities; Tabulations; Construction Cost Estimates; Special Provisions; Contract Document Preparation; and Permits.

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 project office(s). (If the firm has multiple offices, the location of the office performing the work must be identified).
2. A five (5)-page (maximum) Statement 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 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 PennDOT's ECMS website is acceptable.
6. A listing of all Pennsylvania offices and number of employees in or based out of Pennsylvania offices as well as the address of the firm's Headquarters.

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 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.

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 12%. 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 Unified Certification Program (www.paucp.com) at the time of the submission of the Statement of Interest.

Please note that the selected consultant, its subconsultants, and affiliated companies, cannot bid on any portion of the construction for this project. For additional guidance regarding Engineering Involvement Restrictions, see PennDOT Publication 93, Section 1.5. 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 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 construction projects including traffic control, right-of-way impacts, storm water 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 subconsultants, will be managed to ensure quality project submissions that meet all established dates.
- d. Firm's ability and reasonableness of 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.

Questions and inquiries concerning this Project should be directed to Mr. P. Gregory Bednar, P.E., at (724) 755-5182, or by email at gbednar@paturnpike.com. Contractual questions should be directed to Mr. Donald S. Klingensmith at (717) 920-7585; or by e-mail at dklingen@paturnpike.com.

Firms interested in performing the above services are invited to submit **three (3)** copies of a Statement of Interest and required information to Mr. Donald S. Klingensmith, P.E., Director 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 the Contracts Administration Department 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 the Contracts Administration Department by 12:00 PM (noon), Local Time, **Thursday August 22, 2013**. Any Statements of Interest received after this date and time will be time-stamped and returned. A Statement of Interest submission that includes or considers a firm's cost as a factor will be disqualified.

Based on an evaluation of acceptable Statements of Interest received in response to this solicitation, one 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. Funding for this project and selection of a firm (or execution of an Agreement) for this assignment are dependent upon the passage of new transportation funding legislation.

William K. Lieberman
Chairman