

# **PENNSYLVANIA TURNPIKE COMMISSION**

## **RETENTION OF AN ENGINEERING FIRM**

### **Southern Beltway Project U. S. Route 22 to Interstate 79 Section 55C East of the mainline toll plaza to I-79 Allegheny & Washington Counties, Pennsylvania**

### **Reference No. E-041**

The Pennsylvania Turnpike Commission will retain an engineering firm to provide preliminary and final design services for the development of a section of limited access highway on new alignment between U. S. Route 22 and I-79.

This design section is located in Cecil Township, Washington County and South Fayette Township, Allegheny County and includes a new interchange with PA Route 50 and a portion of a new interchange with Interstate 79. The interchange at PA Route 50 includes a relocation of Cecil-Sturgeon Road through the new interchange to an intersection with Reissing Road. Also included is a relocation of Cecil-Reissing Road through a new intersection with the relocated Cecil-Sturgeon Road and on to a new intersection with PA Route 50. The interchange at Interstate 79, involves numerous structures for all directional movements with Interstate 79. The interchange at PA Route 50 will have toll plazas on two of the ramp movements. This contract also involves the design of a dual mainline structure over Millers Run Road, Millers Run, Wheeling and Lake Erie Railway and PA Route 50. Eleven other structures included are a culvert carrying an unnamed tributary to Millers Run under the mainline; relocated Cecil-Sturgeon Road over the mainline; relocated Cecil-Reissing Road over Millers Run Road, Millers Run, Wheeling and Lake Erie Railway and PA Route 50; Hickory Grade Road over the mainline; a culvert carrying Coal Run under ramps KK, LL and NN; ramp MM over I-79; ramp MM over ramp LL structure and an unnamed tributary to Chartiers Creek; ramp LL over ramp MM; ramp LL over an unnamed tributary to Chartiers Creek, under ramp MM and over I-79; a new Morgan Road bridge over I-79 and the widening of dual structures carrying I-79 over Cecil-Henderson Road(S.R. 1010),Mcpheerson Creek and Montour Trail. This section is rural with some residential areas. Detailed coordination with the Wheeling and Lake Erie Railway and the U.S. Department of Veterans Affairs will also be necessary. The section begins just east of the mainline toll plaza and ends at the interchange with Interstate 79. It is anticipated that multiple construction contracts will be developed from this design section. The length of this design section is approxmatley 23,100 feet.

Tasks required include, but are not limited to: Project Management; Scheduling; Project Status, Design Review and Special Purpose Meetings; Coordination with consultants involved in other design sections; Public Involvement; Coordination with Various Agencies and Special Interest Groups; Mapping; Field Surveys; Preparation of Type, Size, and Location plans; Seismic Analysis, Structural Foundation Reports; Interchange Schematics; Service Roads; Soils and Geological Investigations and Engineering;

Signing; E&S/Storm Water Management; Environmental Tracking; defining environmental impacts; preparation of permit applications; development of environmental impact mitigation plans; Roadway Design; Line and Grade; Typical Sections; Interchange Geometrics; Cross Sections; Drainage - Hydraulic Computations; Contour Grading and Drainage Plan; Pavement Design; Pavement Marking and Delineator Plans; Roadside Development Plan; Structural Design; Utility Coordination; Utility Relocation Design; 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.

The Commission will consider the following factors during the evaluation of the Statements of Interest for this project:

- a. Specialized experience and technical competence of prime consultant and subconsultants. The Team must clearly demonstrate experience and competence on design of large-scale public works projects.
- b. Past record of performance with respect to cost control, work quality ability to meet schedules and previous experience on design 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. Location of consultant's office where the work will be performed.
- e. Workload of the prime consultant and subconsultants for all Pennsylvania Department of Transportation and Pennsylvania Turnpike Commission projects.
- f. 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 goal of DBE participation in this contract will be 12%. Firms expressing interest in this project must agree to ensure that Disadvantaged Business Enterprise (DBE) firms as defined in the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21) and currently certified by the Department of Transportation shall have the maximum opportunity to participate in any subcontracting or furnishing supplies or services approved under Form 442, Section 1.10(a). The act requires that firms owned and controlled by women (WBEs) be included, as a presumptive group, within the definition of Disadvantaged Business Enterprise (DBE). Responding firms shall make good faith efforts to meet the DBE goal using DBEs (as they are defined prior to the Act, WBEs or combinations thereof). Proposed DBE firms must be certified at the time of submission of the Statement of Interest. If the selected firm fails to meet the established goal, it shall be required to demonstrate its good faith efforts to attain the goal.

"Certified" means a DBE certified by any of 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; or Southeastern Pennsylvania Transportation Authority, Small & Disadvantaged Business Utilization Department. If further information is desired concerning DBE/MBE/WBE participation, direct inquiries Mr. U. Harold Levy, Business Enterprise and Compliance Specialist, at (717) 939-9551 Ext. 4251, or by e-mail at [hlevy@paturnpike.com](mailto:hlevy@paturnpike.com).

Direct inquiries about this advertisement to P. Gregory Bednar, at (724) 755-5182; or by e-mail at [gbednar@paturnpike.com](mailto:gbednar@paturnpike.com). Direct contractual questions to 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 (maximum) 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 firm and all subconsultants. 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 firm and all subconsultants and attached to the back of the statement of interest (subs to follow primes) **The 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 - 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. 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, Contract Administration, at the **PA Turnpike Commission Administration Building located at 700 South Eisenhower Boulevard, Middletown, PA 17057 (Street address). Our mailing Address is P. O. Box 67676, Harrisburg, PA 17106-7676.**

The statement of interest and required information must be received by 12:00 PM (noon), Local Time, **Friday, September 10, 2004**. 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, firms will be shortlisted for this project. Technical Proposals will be requested from the shortlisted firms prior to the establishment of the final ranking. An 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.

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