

# PENNSYLVANIA TURNPIKE COMMISSION

## RETENTION OF AN ENGINEERING FIRM

### I-95/I-276 (PA Turnpike) Interchange Project Design of Interchange Section, I-95-D Bucks County, Pennsylvania

#### Reference No. 4-064

The Pennsylvania Turnpike Commission will retain an engineering firm to provide preliminary and final design services for a direct interchange between Interstate 95 and Interstate 276 (Pennsylvania Turnpike) in Bucks County. The contract section covers approximately 1.8 miles along the Turnpike, approximately 1.8 miles along existing I-95, and is centered where the two Interstate routes cross. This contract is one of approximately eight contracts for design of specific sections of the I-95/I-276 (Pennsylvania Turnpike) Interchange Project.

**Overall Project Description-**The I-95/I-276 Interchange Project includes: construction of a new interchange between I-95 and I-276; six-lane widening and reconstruction of approximately eight miles of the Pennsylvania Turnpike from west of Interchange 28/351 to the Delaware River Bridge; six-lane widening and reconstruction of approximately three miles of I-95 within the Interchange limits southward to Neshaminy Creek Bridge; widening of US Route 1 where it crosses over the Turnpike and Turnpike ramps at Interchange 28/351; construction of a new mainline toll plaza; and modification of existing toll plazas at Interchanges 29/358 and 30/359 (near the west abutment of the Delaware River Bridge).

**Description of Design Contract Section-**This contract section includes reconstruction and widening of the Turnpike from just west of the Neshaminy Creek Bridge to just west of the Bristol-Oxford Valley Road overpass, and reconstruction and widening of existing I-95 from just north of the interchange ramp termini southward to a point just north of the Route 413 Interchange ramps. The contract also includes all interchange ramps associated with the Preferred Alternative identified in the Final Environmental Impact Statement (FEIS), dated June 2003, for the subject Interchange Project. Design of the Interchange will be performed in phases that facilitate the staging of its construction.

**Contract Requirements-**The contract involves all aspects of preliminary and final design for the roadways and structures within the contract limits as described above, including: preparation of related right-of-way acquisition plans; utility relocation plans and coordination; geotechnical services; pavement design for approach roadways; traffic control plan preparation; erosion and sedimentation control plans; hydraulic and hydrologic analysis; information needed to secure all permits; noise barrier analysis and design; culverts; retaining walls; support of public involvement program including attendance at public/community meetings; coordination with the Project Design Manager, other design firms, PENNDOT and municipalities, including attendance at design meetings; constructability reviews; and contract document preparation. Design for reconstruction of the Ford Road Bridge over I-95 is included in contract I-95-S. Base mapping (50 scale) is being prepared by another firm and will be provided to the successful firm.

This designer will be required to establish a "best fit" geometric alignment along both the Turnpike and I-95 throughout the entire Interchange Project. This alignment is to be furnished to the project Design Manager for use by other section designers.

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.

Firms expressing interest in these projects 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 (WBE's) be included, as a presumptive group, within the definition of Disadvantaged Business Enterprise (DBE). The goal of DBE participation in this contract will be 12%. Responding firms shall make good faith efforts to meet the DBE goal using DBE's (as they are defined prior to the Act), WBE's 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.

Direct inquiries about this advertisement to Mr. Jeffrey C. Davis, at 717-939-9551, extension 5160; or by e-mail at [jdavis@paturnpike.com](mailto:jdavis@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 for each reference number listed. 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 statement of interest on the advertised project. Each firm should demonstrate their ability to perform the specific requirements indicated for the project and provide explanation of the technical approach, stressing the Team's has successfully completed similar type projects of the same magnitude.
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. The organization chart is not limited to an 8½" x 11" page size.
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 is to be 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 - Architect-Engineer and Related Services Questionnaire, 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 need to be included.** Do not include resumes of all employees.
- 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 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, August 22, 2003**. 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, a minimum of three (3) firms will be shortlisted for each project advertisement (Reference Number). 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 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. All other information remains the same.

Mitchell Rubin  
Chairperson