

PENNSYLVANIA TURNPIKE COMMISSION

RETENTION OF AN ENGINEERING FIRM

Two (2) Open End Contracts Engineering Design Services AET Conversion Project

Reference No. 3-255

The Pennsylvania Turnpike Commission will retain two (2) engineering firms to perform engineering design services on an Open End Contract basis to support the All Electronic Tolling (AET) Conversion Program. The contracts will each be for a period of four (4) years or \$1,500,000.00, whichever occurs first.

These open end contracts will be used to provide preliminary engineering and/or final design services related to the conversion of the Pennsylvania Turnpike to All Electronic Toll Collection, including pilot tolling zones and other design activities which may be required. The final location of the pilot sites has not yet been selected; however, it is anticipated that they will be located along the Northeast Extension (I-476), Mon-Fayette Expressway (PA-43), Southern Beltway (PA-576), Amos K. Hutchinson Bypass (PA-66), and/or Beaver Valley Expressway (I-376). The services will encompass a wide range of design efforts with the possibility of several different types of projects being assigned under short completion schedules. The anticipated types of projects include AET mainline toll zones; toll plaza demolition; roadway rehabilitation, reconstruction or resurfacing projects; traffic/ITS engineering; drainage modifications; or any other engineering-related activity as determined by the Engineering Department to expedite a project. In the interest of schedule, the design efforts for these projects may be converted to a design-build, in which case, the selected consultant would be responsible for the preparation of the design-build bid package and potentially design review and consultation services during the construction period.

Firms may be required to perform tasks including but not limited to the following: project management; scheduling; field surveys; right-of-way research and clearance activities; traffic studies; safety analyses; environmental clearance; architectural services; mechanical, electrical and plumbing (MEP) services; plot topography; utility coordination, verification and relocation engineering; type, size & location studies; geological investigations; pavement design; preparation of all pertinent submissions and material for required permits; and the preparation of all necessary contract documents, plans, specifications and estimates including building and toll plaza demolition plans, toll tunnel demolition plans, erosion and sedimentation control plans and narrative, culvert, bridge, sign structure and toll gantry drawings, utility drawings, maintenance and protection of traffic/construction staging drawings, signing & pavement marking drawings, drainage plans, cross sections, landscaping & roadside development plans, right-of-way drawings and all other plans, specifications and estimates necessary to govern the proposed improvements. Architectural services will include design of the AET utility buildings, landscape design, and other related tasks necessary for the Project. MEP services will include various MEP systems that are associated with the AET utility buildings and removal/modification of utilities at existing toll plaza locations.

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, and 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 three (3)-page Statement of Interest on the advertised project. Each firm should demonstrate its ability to perform the specific requirements indicated for this project and provide explanation of the technical approach. Furthermore, the Statement of Interest should clearly demonstrate 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's Chief Engineer.
4. Tabulation or listing of workload for the prime consultant and all subconsultants for all Pennsylvania Department of Transportation and 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 the Department's ECMS website is acceptable.
6. Location of the firm's headquarters, a listing of all Pennsylvania offices and number of employees based in Pennsylvania offices.

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) 8¹/₂ 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 small, disadvantaged, minority, and woman-owned firms (DBE/MBE/WBEs) in contracting opportunities. The minimum participation level for DBE/MBE/WBEs in the contract will be 10%. 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, as certified by the Pennsylvania Unified Certification Program (www.paucp.com), and other firms who have not previously performed work for the Commission are encouraged to submit a Statement of Interest.

For 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 criteria will be considered by the Commission's Technical Evaluation Team during the evaluation of the firms submitting Statements of Interest for these contracts:

- a. Technical competence and experience of the prime consultant with the delivery of highway reconstruction and toll facility design services within a high-speed tolling environment, including a demonstrated understanding of toll technologies, system performance requirements and general toll system integrator coordination requirements. Experience with prefabricated components and accelerated construction techniques will be essential to minimizing impacts to motorists and the successful completion of the work.
- b. Specific, relevant experience of key personnel assigned to the project as that experience relates to the required services.
- c. Firm's demonstrated ability to deliver timely and cost-effective projects. The firm must clearly demonstrate a depth of available resources and a project management approach which will allow the team to meet aggressive delivery schedules for multiple concurrent assignments.
- d. Firm's experience on similar open-end design contracts with respect to work quality and ability to meet schedules. The firm should identify similar projects that have been completed by that firm as the prime, the magnitude of the project, and the client.

- e. Firm's ability and reasonableness of the firm's strategy to ensure a quality product. Provide discussion of the firm's QA/QC program and how the prime consultant will ensure the accuracy and completeness of all deliverables including the oversight and management of subconsultants.

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

Questions and inquiries concerning this solicitation should be directed to Mr. Alan Williamson, P.E. at (717) 920-7284; or by e-mail at alwillia@paturnpike.com. Contractual questions should be directed to Mr. Donald S. Klingensmith, P.E. at (717) 920-7585; or by e-mail at dklingen@paturnpike.com.

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., 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 its 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, October 24, 2013**. Any Statements of Interest received in the Contracts Administration Department 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, two firms 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 firms determined to be highly recommended for this assignment.

The Commission will select the two most highly qualified firms for the assignment or those firms whose Statements of Interest are 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 the 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 or posts an addendum to this RFP 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 or addendum 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. The selection of firms for these assignments (or execution Agreements) may be contingent upon pending legislative action regarding toll evasion enforcement.

William K. Lieberman
Chairperson