

PENNSYLVANIA TURNPIKE COMMISSION

RETENTION OF AN ENGINEERING FIRM

Open End Contract Intelligent Transportation Systems (ITS) Design Services and Technical Construction Consultation Systemwide

Reference No. 3-258

The Pennsylvania Turnpike Commission will retain an engineering firm for the design and construction consultation services for the implementation of new Intelligent Transportation Systems (ITS) systemwide along the Pennsylvania Turnpike and at entry point roadway locations on an Open End Contract basis. The contract will each be for a period of four (4) years or \$900,000.00, whichever occurs first.

The firm may be required to perform tasks including but not limited to the following: project management, ITS device field surveys; ITS systems integration; plotting topography and cross sections; evaluation of utility and communication needs; wireless line of sight surveys; right-of-way investigation and plans; field view meetings; environmental studies and permitting; highway occupancy permits; soil and foundation engineering reports as applicable; roadway plans; structure plans as applicable; traffic control plans and narrative; design/build construction plans; specifications and estimates; the preparation of RFP documents for ITS deployment projects; technical construction oversight and inspection; communication systems; software/hardware acceptance testing and system acceptance.

Descriptions of potential ITS projects which may be initiated under this open end agreement are as follows:

ITS Technical Construction Consultation (DMS West) – This work will consist of ITS technical oversight during the construction of ITS deployment projects. Work will include (but not be limited to) fiber splice testing, site inspection, field and final acceptance testing, final site inspection, as-built drawing review, pre-final plan and specification review, ITS device inventory document review, attend meetings as needed representing the PA Turnpike and review shop drawings if needed. This work will supplement the PA Turnpike staff that will be administering and inspecting all civil work on the project, i.e. MPT, guiderail, temporary barrier, excavation, foundation, tree removal and concrete testing.

Dynamic Message Signs (DMS) Northeast Extension – Design and deployment of permanent Mainline DMS. The DMS system will provide traveler information to Turnpike customers assisting traffic operations and maintenance during planned and unplanned events. These projects will supplement the existing DMS network currently in use by the Turnpike. The ultimate DMS network will include deployment at pre-entry prior to toll plaza locations and on the mainline Turnpike.

GENERAL REQUIREMENTS AND INFORMATION

Firms interested in providing the above work and services are invited to submit three (3) 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 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'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 by the PAUCP, if applicable.

The Turnpike Commission is committed to diversity and the inclusion of small, disadvantaged, minority, and woman-owned firms in contracting opportunities. Small, disadvantaged, minority, and woman-owned 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.

A Statement of Interest submission that includes or considers a firm's cost as a factor will be disqualified.

The following evaluation 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 and its team with the delivery of a wide variety of ITS design projects, the development and preparation of ITS related construction bid documents as well as the technical consultation during the construction and implementation of ITS. The firm should identify similar projects that have been completed by that firm, either as a prime or a sub-consultant, the magnitude of the project, and the client
- b. The specific and relevant ITS experience of key personnel assigned to the project. Clearly identify the project manager and other key staff, and the office location where this contract will be managed from as well as the number of individuals who constitute the firm.
- c. Firm's ability to deliver timely and cost effective projects. The firm must clearly demonstrate an ability to meet staffing needs and the ability to handle multiple project assignments with short delivery schedules.
- 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.

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 Ms. Amber D. Reimnitz at (717)831-7267; or by e-mail at areimnit@paturnpike.com. Contractual questions should be directed to Mr. Donald S. Klingensmith, P.E. at (717)831-7585; 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 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, January 30, 2014**. 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 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 Statement of Interest 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 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.

William K. Lieberman
Chairperson