

PENNSYLVANIA TURNPIKE COMMISSION

RETENTION OF AN ENGINEERING OR CONSTRUCTION MANAGEMENT FIRM

Construction Management Services Roadway and Bridge Widening and Reconstruction Project Mileposts 312 - 326 Chester County

Reference No. 4-089

The Pennsylvania Turnpike Commission will retain an Engineering or Construction Management firm for Construction Management Services for the Roadway and Bridge Widening and Reconstruction projects between Pennsylvania Turnpike Milepost 312 and 326 along I-76 in Chester County, PA. The design-bid-build projects to be managed under this advertisement include the following:

- Construction of the Milepost 312-319 section, Turnpike mainline from the Downingtown Interchange (MP 312) to the Route 29 Interchange (MP 319.4), is anticipated to include one mainline construction contract at a total estimated cost of approximately \$250,000,000.00. There are also 2 early action bridge replacement contracts in this corridor of which are to be completed, one is to be bid shortly and one is beginning final design efforts. Construction is anticipated to begin in the spring of 2019 with a completion date of fall 2021. Preliminary design is currently underway for this project.
- Construction of the Milepost 320-326 section, Turnpike mainline from the Route 29 Interchange (MP 319.4) to the Valley Forge Interchange (MP 326.7), is anticipated to include one mainline construction contract at a total estimated cost of approximately \$230,000,000.00. Construction is anticipated to begin in the spring of 2013 with a completion date of fall 2015. Final design is currently underway for this project which is anticipated to be bid as a full depth bituminous pavement.
- Mainline bridge replacements and culvert extensions in this section include the following:
 1. EB-721, MP 312.03, Bridge Replacement – Over Ramp AB, Downingtown I/C
 2. EB-723, MP 313.78, Culvert Extension – West Branch Pine Brook
 3. EB-724, MP 314.19, Bridge Replacement – Over Pine Creek Road (T-466)
 4. EB-725, MP 314.23, Culvert Extension – East Branch Pine Brook
 5. EB-725A, MP 314.24, Culvert Extension – T-466 over East Branch Pine Brook
 6. EB-726, MP 314.95, Bridge Replacement – Over SR 0401
 7. EB-727, MP 315.35, Culvert Extension – Trib. to Pine Creek
 8. EB-731, MP 319.19, Bridge Replacement – Over SR 1003 & Conrail
 9. EB-732, MP 319.33, Bridge Replacement – Over Charlestown Road (SR 0029)
 10. EB-733, MP 320.11, Bridge Replacement – Over T-401, Howells Road
 11. EB-734, MP 321.53, Bridge Replacement – Over S.R. 1005, Yellow Springs Road
 12. EB-735A, MP 322.96, Culvert Extension – Tributary to Valley Creek
 13. EB-736, MP 323.46, Bridge Replacement – Over Valley Creek
 14. EB-737, MP 323.73, Bridge Replacement – Over T-593, Wilson Road
 15. EB-740, MP 325.17, Bridge Replacement – Over T-576, Thomas Road
 16. EB-741, MP 325.44, Culvert Extension – West Branch of Trout Creek
 17. EB-742, MP 325.59, Bridge Replacement – Over T-616, Glenhardie Road
 18. EB-743, MP 325.64, Culvert Extension – East Branch of Trout Creek
 19. EB-744, MP 326.01, Bridge Replacement – Over S.R. 422 & S.R. 2059, N. Gulph Road

- In addition, these projects include various types of retaining walls in both cut and fill as well as noise walls. It is anticipated that there will be approximately 8,550 linear feet of retaining walls in fill and approximately 4,680 linear feet of retaining walls in cut for the MP 320-326 project. This project also includes approximately 30,900 linear feet of noise walls.

The above project information is accurate to the best of our knowledge, at the time of this advertisement. Construction contracts may change in scope, bidding methods, or type of construction as the designs and other decisions are progressed to finalization.

Construction Management services are anticipated to start in September 2012 and continue as needed until March 2022.

This project will require construction management in order to provide cost, schedule and quality control, and to comply with all PA Turnpike, state and federal highway construction requirements. The agreement will include services during both the design and construction phases. The design phase would include as directed tasks relating to design constructability, cost estimating, value engineering and bidability reviews, project scheduling, meeting attendance and bid packaging. Construction phase tasks will include construction management, administration, scheduling, field geotechnical assistance, surveying, environmental monitoring, safety, and public relation services. The Construction Manager will also provide the Resident Engineer level Inspection personnel for the construction contracts as directed. The inspection will be provided by others through separate agreement with the Commission for the various construction contracts, and the construction management team will oversee and manage the construction inspection personnel. The selected firm will be expected to provide extensive coordination efforts between several construction contracts during construction as well as coordination with PennDOT and other agencies or municipalities.

The selected firm will be required to provide full time on-site construction management staff, with sufficient office personnel, managers, engineers, technicians, and clerical staff to support the field functions. Resident Engineers, managing an inspection staff from a different consultant, will also be provided by the construction manager for the construction contracts. The firm will be required to set up a construction management office near the site. The selected firm is expected to participate in the remaining design and project development meetings. The selected firm will be required to attend the prebid meetings and preconstruction conferences, write all project correspondence for PA Turnpike signature, and review and approve or coordinate the approval of contractor's submissions. In addition, the selected firm will be required to approve current and final estimates for payment to contractors; negotiate, approve, and process change orders; conduct monthly job conferences; monitor monthly progress; provide liaison with affected utilities, railroads, communities and the press; conduct semifinal and final inspections; and determine the final quantities for each contract item. The Construction Management team will also be expected to handle public relation activities for the project, which would include but may not be limited to, development and maintenance of a project web site, press conferences, answering customer questions, informational brochures, and other duties as required. Affected agency coordination prior to and during construction and full-time environmental monitoring will also be required. Project close out activities, including as-built notation and electronic scanning of the project drawings, and merging and purging of office and field files, will be required.

The selected firm will be required to invoice in an electronic PDF format. The firm will also be required to submit a QA plan for their services and provide a quarterly report on this function.

The Commission currently utilizes a web based project management collaboration system for most of its projects. The selected firm will be required to use this system, with training and software access provided by the Commission.

Please note that the selected consultant, its subconsultants, and affiliated companies, cannot bid on any portion of the construction for this project.

It should be noted that the PTC may assign its engineering personnel to this project as an addition to the selected firm's staff or in lieu of selected firm's staff on a temporary or permanent basis throughout the life of this project. The selected firm will be required to make the field office and equipment available for use by the Commission's personnel.

Resident Engineer level inspectors shall be a registered Professional Engineer or have a NICET IV certification with a minimum of two (2) years of experience in leading construction inspection projects.

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. The team's experience managing and inspecting multiple large-scale staged roadway and large complex construction projects with major traffic control considerations. The consultant should identify similar projects that have been completed by that firm as the prime, the magnitude of the project, the location of the project, and the client.
- b. The specific abilities, experience, and qualifications of the proposed construction management and resident engineer level staff as related to large complex roadway and bridge projects.
- c. The past record of performance on similar projects with respect to construction cost control, work quality, and ability to meet schedules. Also indicate your experience managing inspection costs. Provide a discussion regarding the effectiveness of your QA Program.
- d. Firm's ability and reasonableness of firm's strategy to ensure a quality product. Provide a discussion regarding the effectiveness of your firm's QA Program.
- e. The firm or individual experience with public relations during construction projects.

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. Matthew J. Wagner, P.E., at (717) 939-9551, Ext. 5210, or by email at mwagner@paturnpike.com. Contractual questions should be directed to Mr. Donald S. Klingensmith at (717) 939-9551, ext. 5850; or by e-mail at dklingen@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 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.

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.

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 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 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 must be certified by the Pennsylvania Unified Certification Program (www.paucp.com) at the time of the submission of the Statement of Interest.

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., Manager 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, etc... does not guarantee delivery to this address 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 12:00 PM (noon), Local Time, **Thursday, June 21, 2012**. 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 firms for the assignment or the firms 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.

William K. Lieberman
Chairman