

PENNSYLVANIA TURNPIKE COMMISSION

RETENTION OF AN ENGINEERING OR CONSTRUCTION MANAGEMENT FIRM

**Construction Management Services
Southern Beltway US 22 to I-79
Allegheny and Washington Counties**

Reference No. E-054

The Pennsylvania Turnpike Commission will retain an Engineering or Construction Management firm for Construction Management (CM) Services for the construction of the Southern Beltway (SR 576) between State Route 22 and a proposed new interchange with I-79 in Allegheny and Washington Counties, PA. The construction of the 12 mile four-lane limited access tolled expressway extension is anticipated to include several construction contracts at a total estimated cost of approximately \$550,000,000.00. The projects to be managed under this advertisement include the following:

- Construction of early action High Level Dual Mainline Bridges SB-200/201 over US Route 22 and existing Mid-Level Interchange at Milepost SB 6), which is anticipated to be bid in the third or fourth quarter of 2013.
- Construction of one Maintenance Facility with a Trades Building contract, near Milepost SB 16 (new Interchange with State Route 50);
- All Electronic Tolling (AET) Contract from existing Milepost SB 1 at Interstate 376 at Pittsburgh International Airport through new, proposed Interchange at Interstate 79 (Milepost SB 18)
- Decommissioning of Existing Ramps Toll Facilities on the existing Southern Beltway from existing interchange at US Route 30 (Milepost SB 2) near Pittsburgh International Airport to existing Milepost SB 6 Interchange at US Route 22.
- Several design-bid-build Southern Beltway construction contracts are anticipated to complete the 12 mile extension of this four-lane limited access tolled expressway. Final design is currently underway for this project, and additional construction section contracts will be determined in 2013.
- Southern Beltway mainline and side road bridges and culvert extensions in this project include the following:
 1. SB 200-201, EARLY ACTION, new dual Mainline Bridges over SR22 and SR 4004
 2. SB 206, Culvert extension
 3. SB 210, Sideroad SR 4009 over Mainline
 4. SB 213-214, New dual Mainline Bridges over Raccoon Run
 5. SB 217-218, New dual Mainline Bridges over relocated SR 4010 Beech Hollow Road
 6. SB 219, Culvert under Mainline for Raccoon Run
 7. SB 222, Arch Culvert extensions for Raccoon Run
 8. SB 224-225, New dual Mainline Bridges over Quicksilver Road
 9. SB 227-228, New dual Mainline Bridges over Ft. Cherry/SR 980
 10. SB 229, New Box Culvert for Robinson Run
 11. SB 232, New Pedestrian Concrete Arch for Montour Trail
 12. SB 233, New Box Culvert for Robinson Run
 13. SB 234, New Side Road Panhandle Trail Bridge
 14. SB 235, New Relocated Side Road over Robinson Run
 15. SB 236, New Box Culvert for Robinson Run
 16. SB 237-238, New dual Mainline Bridges over SR 4012, Noblestown Road
 17. SB 241-242, New dual Mainline Bridges over SR980
 18. SB 244, New culvert under Mainline for unnamed tributary
 19. SB 250, New culvert under Mainline for Millers Run
 20. SB 253, New Relocated Cecil Sturgeon Road over Mainline

21. SB 257, New Relocated Connector Road Bridge over Millers Run, Millers Run Road and W&LE RR
22. SB 258-259, New dual Mainline Bridges over Millers Run/Road, W&LE RR and SR 50
23. SB 263, New Hickory Grade Road over Mainline
24. SB 268, New Box Culvert for Coal Run under Mainline
25. SB 269-270, New dual Mainline Bridges over Ramps for Interstate 79 S to SR 576 E
26. SB 275-276, New dual Bridges carrying Interstate 79 over Mainline (SR 576)
27. SB 286-287, New dual Mainline Bridges over T-787, Morgan Road
28. SB 288, New T-787 Morgan Road over Interstate 79
29. SB 289-290, Rehabilitated Interstate 79 over Cecil Henderson Road and Montour Trail
30. SB 294, New Ramp Bridge carrying Interstate 79 N to SR 576 W
31. SB 296, New Relocated SR 1089, Morganza Road over SR 576

The above project information is accurate to the best of our knowledge at the time of this advertisement. Contracts may change in scope, bidding methods, or type of construction as design progresses.

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 Quality Assurance Plan for their services and provide a quarterly report on this function.

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.

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 project office(s). (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.
6. A listing of all Pennsylvania offices and number of employees in or based out of Pennsylvania offices as well as the address of the firm's Headquarters.

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.

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.

Please note that the selected consultant, its subconsultants, and affiliated companies, cannot bid on any portion of the construction for this project. For additional 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 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. 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.
- 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. 7389, or by email at mwagner@paturnpike.com. Contractual questions should be directed to Mr. Donald S. Klingensmith at (717) 939-9551, ext. 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 their 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, **Wednesday, June, 26, 2013**. Any Statements of Interest received 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, 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 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