



SPECIAL PROVISIONS

SP 1-1 PROJECT DESCRIPTION

CONTRACT NO.: MA 2645-000-002

TITLE: On-Call Structural Repairs and Miscellaneous Modifications

FACILITY: Baltimore Harbor Tunnel Thruway, Fort McHenry Tunnel, Thomas J. Hatem Memorial Bridge, Francis Scott Key Bridge, John F. Kennedy Memorial Highway, William Preston Lane Jr. Memorial Bridge, Governor Harry W. Nice Memorial Bridge, Intercounty Connector, and Point Breeze Property.

COUNTY: Anne Arundel, Baltimore, Cecil, Charles, Harford, Howard, Queen Anne's, Montgomery and Prince George counties and Baltimore City

ADVERTISED: **April 10, 2012**

PRE-BID MEETING: **April 24, 2012 at 10:00 a.m.** in the Conference Room at the Maryland Transportation Authority, Division of Procurement and Statutory Program Compliance 303 Authority Drive, Administration Building, Baltimore, MD 21222.

QUESTIONS: Please submit all questions in writing to, Procurement Officer: Harry Johnson via email at: hjohnson3@mdta.state.md.us Questions will be taken until **May 02, 2012 at 2:00 p.m.** Oral questions will not be entertained.

PROJECT CONTACT: Project Manager: Mr. Abey Tamrat (410) 537-7822
Procurement Officer: Mr. Harry Johnson at (410) 537-7522

BIDS DUE: **12 Noon, May 16, 2012**, in the Bid Box at the Maryland Transportation Authority, Administration Building, 303 Authority Drive, Baltimore, MD 21222.

CLASSIFICATION: Class - G (\$10,000,001 to \$15,000,000)

CONTRACT TIME: One Thousand Ninety Five (1095) Calendar Days

LIQUIDATED DAMAGES: N/A

MINIMUM MBE GOALS: Overall 19%
No Subgoals

BID DOCUMENTS: Bid documents can be downloaded from



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<http://www.emarylandmarketplace.com>. Any questions regarding how to get to this website, please contact the Division of Procurement and Statutory Program Compliance at 410-537-7832.



The work to be performed under this Contract is located in the following Maryland Transportation Authority (“Authority”) facilities:

- a) John F. Kennedy Memorial Highway (I-95 in Harford, Cecil and Baltimore Counties);
- b) Thomas J. Hatem Memorial Bridge (U.S. 40 Bridge over Susquehanna River in Harford and Cecil Counties);
- c) Fort McHenry Tunnel (I-95 and I-395 in Baltimore City);
- d) Baltimore Harbor Tunnel Thruway (I-895 in Baltimore City and Baltimore, Anne Arundel and Howard Counties);
- e) Francis Scott Key Bridge Facility (I-695 in Baltimore City and Baltimore and Anne Arundel County);
- f) William Preston Lane Jr. Memorial Bridge (Anne Arundel and Queen Anne’s Counties);
- g) Governor Harry W. Nice Memorial Bridge (Charles County)
- h) Intercounty Connector (ICC- Prince George and Montgomery counties) ; and
- i) The Authority’s Point Breeze Property (Baltimore City).

The scope of work includes providing labor, equipment, materials, etc. necessary to perform miscellaneous structural and other types of repairs, upgrades, replacements, and new construction as directed by the Engineer. This work may be required on any portion (bridge, tunnel, highway, building, and all appurtenances) of any of the Authority’s facilities. The work may include but is not limited to the following:

- 1) Repair and replacement of piers, pier caps, pedestals, abutments, and barriers
- 2) Jacking bridge steel beams under traffic and restoring bearings on piers and abutments.
- 3) Repair or replace beams, girders, and other structural members.
- 4) Repair or replace damaged bridge fender systems and/or dolphins.
- 5) Repair cracks in structural steel and/or welds of bridge beams/girders.
- 6) Repair or replace concrete or other types of slope protections at bridge piers and abutments.
- 7) Repair or replace damaged toll booths, canopies, and concrete toll islands.
- 8) Maintenance of traffic that is required for structural repairs or inspections.
- 9) Miscellaneous repairs, enhancements and modifications, which may be security related or potentially emergency related.
- 10) Construction, repair, or replacement of retaining and noise walls.
- 11) Construction, repair, or replacement of concrete bridge deck repairs.
- 12) Repair piers in water and install pile protective devices.
- 13) Placement of riprap, grout filled bag, and other methods of scour protection.
- 14) Providing access for in-depth inspections of facility components, including, but not limited to suspension cables, suspender ropes, truss members, other superstructure and substructure elements, etc.
- 15) Repair and replacement of suspension cables, cable wrappings, suspender ropes, and other cable components.



- 16) Cleaning and painting of various components.
- 17) Installation, repair, and maintenance of various electronic systems such as acoustic monitoring devices.
- 18) Construction, repair, or upgrade to various highway components including roadway, signs, sign structures, lights, light poles, guardrails, impact attenuators, travel plazas, parking lots, etc.
- 19) Trouble shooting and repairing mechanical and electrical components in movable span bridges, or tunnel ventilation buildings.
- 20) Trouble shooting and repairing electrical control systems for movable span bridges, or tunnel ventilation buildings.
- 21) Working in conjunction with engineering consultants, fabricators, and suppliers to design and construct major and complex upgrades to electrical, mechanical, and structural drawbridge or tunnel ventilation components.
- 22) Scheduled general maintenance and greasing of mechanical components as directed by the Engineer.
- 23) Construction, fabrication, repair, replacement, or installation of toll gantry structural components.
- 24) Perform remedial actions at stormwater management facilities to restore their performance. This may include vegetation maintenance, invasive vegetation removal, ground stabilization, grading/excavation, erosion-sediment control, drainage structure-pipe, repair/replacement, landscaping, etc.

Portions of this work may have to be performed on an emergency basis rather than as a routine project. If an emergency situation arises, the Contractor hereby agrees to give the emergency situation first priority until the emergency is resolved, even though this may be at the expense of other tasks for which the Contractor is responsible.

The Engineer will provide a list and priority of projects to the Contractor on a monthly basis. Within two (2) weeks of receiving an assignment, the Contractor shall supply the following information:

- a) The estimated time to receive all materials;
- b) The estimated number of work days to complete the project; and
- c) If requested by the Engineer, a lump sum cost proposal or a cost proposal based on a list of items supplied by the Engineer, which will include all labor, materials, equipment, and Subcontractors required to complete the project. If an agreement on prices for these projects cannot be reached, the work will be performed by time and materials.

The Contractor shall furnish to the Engineer the names, addresses, phone numbers, pager numbers, etc. of at least two individuals who can be contacted by the Engineer and who are authorized to provide construction services in the event of an emergency as determined by the Engineer. One of these individuals shall be available at all times to be contacted within a maximum time period of two (2) hours.