

## 2024 ENGINEERING CONSULTANT CONTRACT PROCESS

MTA staff is proposing to advertise for competitive selection in 2024 for all new engineering consultant work assigned after January 1, 2025.

### Tentative Schedule (subject to modifications by the Authority as needed):

- Authority: Send out solicitations for Request for Qualifications for GEC, Engineering Design and Construction Services by March 1, 2024. All Request for Qualifications will also be posted on the MTA website.
- Consultants: Statements of Qualifications for General Engineering Consultant due by May 1, 2024.
- Authority: General Engineering Consultant Contract awarded by June 30, 2024 with a contract start date of January 1, 2025.
- Consultants: Statements of Qualifications for Engineering Design Services and Construction Services due by June 1, 2024.
- Authority: Engineering Design Services contracts awarded by September 1, 2024 with contract start dates of January 1, 2025.
- Construction Services statements reviewed and contracts awarded on an as needed basis.

### General Engineering Consultant (GEC)

The General Engineering Consultant (GEC) shall be a single independent engineer or consulting firm having a nationwide and favorable reputation for skill and experience in such work. Many of the tasks assigned to the GEC are defined by the Bond Resolution. Other tasks are important for the GEC to develop and maintain a level of knowledge of the condition of the physical facilities and operations of the Maine Turnpike. Therefore, the MTA staff has determined that the Consultants who are most likely to be qualified and capable to perform the duties required must meet the following criteria:

- Currently prequalified by MaineDOT in the following service areas: Highway Design (202.10), Bridge Design (203.00), Traffic Data Collection (210.20), Highway Inspection (601.00), Bridge Construction Inspection (602.10), and Bridge Inspection, Non-Construction (602.30) and;
- Have the ability to perform a Level 2 Toll Traffic and Revenue Study.

Consultants will be evaluated on their ability to:

- Perform an inspection once per year of the Turnpike and submit a report of findings on or before October 20th. Said report of findings shall include an opinion as to whether the Turnpike has been maintained in good repair; their advice and recommendations for repair and maintenance and operation for the ensuing fiscal year; and estimate the amount of money necessary for such purposes.
- Recommend the amount of insurance to be carried under the provisions of Section 807 of the Bond Resolution.
- Recommend the amount that should be deposited into the Reserve Maintenance Fund during the ensuing year.
- Perform a Level 2 Toll Traffic and Revenue Study

- Review all Authority construction projects at substantial completion and approve any request for partial release of retainage and approve all final payments for Authority construction contracts.
- Review and assist in the establishment of toll rate structures.
- Participate in general long term planning and revenue forecasting in support of the Authority's 10-yr and 30-yr plans, including providing the 4-year construction project lists for planning purposes.
- Perform engineering design services including, but not limited to: bridge repair and rehabilitation projects, mainline and interchange paving, new interchange or corridor studies, other ancillary highway or facility design or studies and interchange or intersection improvement projects; and
- Provide Bridge and Highway Construction Inspection Services

#### Engineering Design Services

Bridge and Highway Design, as well as other Engineering Design Services shall be continued to be fulfilled with multiple on-call service contracts and project specific contracts with multiple qualified engineering Consultants. These Consultants will be expected to be proficient in many disciplines such as planning, engineering, right of way and environmental services and have talented and professional staff that can successfully support MTA staff in the construction of projects such as roadway reconstruction, bituminous overlays, bridge construction and rehabilitations, service plaza and interchange construction and rehabilitations. Other specific needs will be solicited as needed, such as Right of Way, Geotechnical and Highway Maintenance Building Design Services. Therefore, MTA staff has determined that the Consultants who are most likely to be qualified and capable to perform the duties required must meet the following criteria:

- Currently have a General Consultant Agreement (GCA) with MaineDOT in service area of Bridge Design (203.00), and
- Currently prequalified by MaineDOT in the service area of Highway Design (202.10)

#### Additional Construction Services

As additional Construction Inspection staffing is needed, MTA will continue to review prospective candidates for Resident Engineers and other inspection staff from MaineDOT prequalified firms and firms with existing MTA contracts.