

CONSULTANT CONTRACT 2019.104
BRIDGE AND HIGHWAY DESIGN SERVICES
SCOPE OF WORK

The Authority is soliciting Statements of Qualifications for bridge and highway design services for various bridge and highway rehabilitation and reconstruction projects along the Maine Turnpike. The type of projects include bridge replacements or bridge rehabilitations with minor approach work; roadway rehabilitation or resurfacing projects; capital improvement projects (bridges or roadway); minor location studies, drainage modifications, or any other engineering-related activity as determined by the Authority.

Successful firms may be required to: create preliminary design reports; perform field surveys; plot topography and cross sections; prepare submissions for utility verification and relocation engineering; develop right-of-way plans; prepare hydraulic report for waterways approvals; perform geotechnical investigations and prepare geotechnical reports; prepare type, size and location reports; prepare structure drawings, including culverts, bridges and sign supports for repair, rehabilitation or replacement; prepare erosion control details and narrative; prepare applications for environmental and other federal, state and municipal permits; perform traffic counts and analyses, including detour planning and mapping; prepare traffic control plans and narrative; investigate utility and property involvements and coordinate with utilities; prepare submissions for meetings; attend meetings with the Authority, municipalities or other agencies; and prepare construction plans, specifications and estimates.

Possible project assignments may include, but are not limited to:

- Bridge repair and rehabilitation projects at various locations
- Mainline and interchange paving at various locations
- New interchange or corridor studies
- Other ancillary highway design or studies, including traffic control devices, lighting, drainage, culvert repairs, clearzone and guardrail improvement projects.
- Interchange or intersection improvement projects