

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 1

CONTRACT 2019.03

GUIDE SIGN MODIFICATIONS, PHASE IV
MAINE TURNPIKE EXITS 1-19
MILE 0.00 TO 32.52

The following changes are made to the Proposal.

PROPOSAL

The four (4) proposal sheets P-2 through P-5 are DELETED and REPLACED with new sheets P-2 through P-5. Changes made include correcting item number formatting, adjusting quantity rounding, and including Item 645.2519 Auxiliary Panel Supports.

The supplemental Statement of Qualifications Form (Sheet P-8) is DELETED and REPLACED with new sheet P-8. An additional question related to DMS qualifications has been added.

In the header for the Table of Contents of the Specifications, Part II – Special Provisions, cross out the reference to Contract 2018.13 and REPLACE with Contract 2019.03. Make these changes in pen and ink on Sheets ii, iii, and iiiii.

Questions:

The following are questions asked during the pre-bid meeting held on March 5, 2019 or submitted to the Maine Turnpike Authority in writing. Responses to the questions are noted. Bidders shall utilize this information in preparing their bid.

Question 1: How many foundations are to be designed by the Contractor?

Response: There is one foundation that requires the Contractor to provide a design based on MaineDOT Standard Detail 626(02) and Detail 626(06) as applicable. See Sheet 40 of 80 for a description of the proposed 24-inch foundation for a future 40-foot pole; Contractor shall be responsible for the development of the foundation (pole to be furnished and installed by the Authority). All other sign support foundation sizes are indicated on Sheet 2 of 80 and are detailed in the 2014 edition of the Maine Department of Transportation (MaineDOT) Standard Details.

Question 2: Can “large cones” be used for traffic control?

Response: The Authority has determined that cones will not be permitted as channelizing devices along the Maine Turnpike for this project. The Contractor may use cones for the flagging lane closure along Cutts Road; however, the cones will not be paid for separately but shall be incidental to the Maintenance of Traffic Control Devices item.

Attachments

- Pre-Bid Agenda with Sign-in Sheet (5 pages)
- Revised Pages P – 2 through P – 5 (4 pages)
- Revised Page P – 8 (1 page)

Note: The above items shall be considered as part of the bid submittal.

The total number of pages included with this addendum is twelve (12).

All bidders are requested to acknowledge the receipt of the Addendum No. 1 by signing the next page and faxing this sheet to Nate Carll, Purchasing Department, (207) 871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 1 on Page P-6 of the bid package.

Acknowledgment of the receipt of Addendum No. 1 (12 pages)

Business Name

Print Name and Title

Signature

Date

March 15, 2019

Very truly yours,

MAINE TURNPIKE AUTHORITY

Purchasing Manager
Maine Turnpike Authority

MAINE TURNPIKE AUTHORITY

Pre-Bid Conference

CONTRACT 2019.03

Guide Sign Modifications, Phase IV

Maine Turnpike Exits 1 to 19; Mile 0.00 to 32.52

March 5, 2019 11:00 AM

1) Location:

The general limits of work are from south of Exit 1 to north of Exit 19 (MM 0.00 to MM 32.52). Guide signs included for upgrade include replacing guide signs at Exits 2 (SB), 7 and 19 as well as several modifications to signs for Exits 1, 2 (NB) and 3 and supplemental guide signs at Exits 1, 2, 7, and 19 along the Maine Turnpike. Additionally, this project includes the installation of ground mounted dynamic message signs (DMS) at three locations (MM 10.01_S, MM 21.78_S and MM 32.52_N) and the installation of a conduit system and foundation for future intelligent transportation systems (ITS) equipment at Exit 2.

2) General Description:

The work consists of removing, replacing and installing new highway signs and sign overlays along the Maine Turnpike (including one sign in New Hampshire) from south of Exit 1 to north of Exit 19 in the Kittery to Biddeford segment of the Maine Turnpike in the City of Biddeford and the Towns of Kittery, York and Wells. The work includes furnishing, installing and salvaging aluminum signs, steel H-beam sign supports, concrete foundations, guardrail, maintenance of traffic and all other work incidental thereto in accordance with the Plans and Specifications. The work also includes the installation of three ground mounted dynamic message signs (DMS) on steel H-beams with solar power systems.

3) Bid:

- a) Bids due at 11:00 a.m. on March 21, 2019 at MTA headquarters 2360 Congress Street, Portland.
- b) All bid and contractual questions shall be directed to Purchasing Department, Phone No. (207) 482-8115, ncarll@maineturnpike.com.
- c) All questions on plans and specifications shall be in writing and shall be directed (faxed) to the Purchasing Department of the Maine Turnpike Authority. Fax No. (207) 871-7739 or email ncarll@maineturnpike.com.

4) Notification:

- a) Contractor shall notify and obtain approval from the Authority prior to visiting the Project site for field inspection. The contact person is Mr. Steve Tartre at startre@maineturnpike.com.
- b) Pre-Qualification: Contractors shall be on the MaineDOT Pre-Qualified list for Highway, Bridge and/or Traffic Signal and Lighting. In addition, Contractors shall submit a Statement of Qualifications to demonstrate that the Contractor has the experience and expertise to conduct the work included in this project.

- 5) Construction Schedule/Prosecution of Work:
- a) Contract Dates
 - i) June 1, 2020 Contract Completion Date
 - b) Liquidated damages assessed in accordance with Subsection 107.7.2 for each calendar day the work is not completed beyond the completion date.
- 6) Interim Completion Dates (Special Provision 107.1.1)
- a) See Special Provision 107.1.1 for descriptions of the interim completion dates
 - i) All work south of MM 3.4 shall be substantially completed on or before October 1, 2019. Substantially complete for work south of MM 3.4 shall be defined by the Authority as the following:
 - All proposed guide signs and sign overlay panels shall be installed.
 - All existing signs to be removed shall be removed from the project area.
 - All proposed steel beam replacements shall be installed.
 - All incidental repairs to overhead sign structure foundations and vegetation clearing shall be completed.
 - All proposed warning signs shall be installed, and all proposed warning signs to be relocated shall be relocated.
 - The proposed conduit system, foundation, and gravel pull off area at the Exit 2 southbound ramps shall be completed.
 - ii) All underground work shall be substantially completed on or before November 1, 2019. Substantially complete for underground work shall be defined by the Authority as the following:
 - All existing foundations to be removed shall be removed and the ground restored/backfilled in accordance with the contract requirements.
 - All incidental repairs to sign support foundations shall be completed.
 - All wood post supports shall be installed and backfilled.
 - All proposed underground conduits and pull boxes for DMS installations shall be completed.
 - All proposed guardrail, end terminals, shoulder widening, and end treatments shall be installed and completed.
 - The removal and ground restoration for existing PCMS concrete pads shall be completed.
 - b) Supplemental liquidated damages assessed in accordance with Special Provision 107.8 for each calendar day that the work activities indicated are not achieved. This contract includes \$2,500 per calendar day for the first 30 calendar days, increasing to \$5,000 per calendar day for each calendar day thereafter.
- 7) Maine Department of Labor – Fair Hourly Wages (Special Provision 104.3.8)
- a) 2019 Wage Rates for Heavy & Bridge construction apply for York County.
- 8) Adjacent Contracts (Special Provision 104.4.7)
- a) Note that the York Toll Plaza is under construction within the project limits. Contractor shall coordinate any project activity that occurs within the York Toll Plaza construction limits with the Contract 2018.20 Contractor.
 - b) Contractor is notified that the Piscataqua River Bridge over the Piscataqua River (between Maine and New Hampshire) will be under construction throughout the duration of this project. All work on

or adjacent to the bridge shall be coordinated with the MaineDOT Project AC-IUM-1927(000)E Contractor and Resident Engineer.

9) Permit Requirements (Special Provision 105.8.2)

- a) The Project is subject to the requirements of the Maine Pollutant Discharge Elimination System (MPDES) General Permit for Stormwater Discharge from Construction Activity
- b) A Notice of Intent (NOI) has not been issued or required for this project; however, the Contractor is still responsible to conduct the work in accordance with erosion and sedimentation control best practices.
- c) MaineDOT Best Management Practices
- d) The limit of disturbance (LOD) for this project has been estimated to be less than 0.90 acres. The Contractor shall prepare a LOD plan illustrating the Contractor's proposed limit of earthwork disturbance in accordance with Special Provision 105.8.2.
- e) It is noted that portions of this project are within the Authority's Municipal Separate Storm Sewer Systems (MS4) area(s). As a condition for Contract Award, the Contractor shall review, sign, and comply with the MS4 Stormwater Awareness Plan and the MS4 Targeted BMP Adoption Plan, included as Appendices C and D of this Proposal.

10) General Requirements

- a) U-turns at toll plazas and median openings are not permitted (Supplemental Specification 105.5.1).
- b) Contractor access to and from the mainline shall not negatively impact mainline traffic flow. The Contractor may be required to establish lane closures to provide for safe access. Refer to Special Provision 652, Specific Project Maintenance of Traffic Requirements, for lane closure requirements and restrictions.
- c) All vehicles used on the Project, including delivery trucks and personal vehicles, shall be equipped with amber flashing beacons in accordance with the Special Provision 652.3.4.
- d) Class III safety vests must be worn at all times by construction workers, including concrete delivery truck drivers when not in their vehicle.

11) Traffic Control (Special Provision Section 652):

- a) Contractor is responsible for supplying all traffic control devices.
- b) Contractor is responsible for placement, relocation, removal and maintenance of traffic control devices. Maintenance of traffic control devices is a 24-hour per day, seven days per week, responsibility as long as traffic control devices are within the Authority right-of-way. Contractor shall inspect devices as required.
- c) Contractor shall provide proper and adequate illumination of the work area when work is occurring at night. Refer to the MTA Supplemental Specifications available on the MTA website: <http://www.maineturnpike.com/getattachment/Projects-Planning/Construction-Contracts/MTA-2016-Supplemental-Specifications-Combined-11-10-2016.pdf.aspx?lang=en-US>
- d) All work south of MM 3.4 shall be night work. No daytime lane closures or shoulder closures will be permitted.
- e) Turnpike Shoulder closures
 - i) Shoulder closures shall maintain a minimum of four feet of lateral buffer space from an open travel lane when in place between 6:00 a.m. and 9:00 a.m. and between 3:00 p.m. and 6:00 p.m. This restriction increases to 6:00 a.m. to 8:00 p.m. in July and August. Refer to Special Provision 652 for details.

- f) Turnpike Lane closures
 - i) One lane of traffic flowing in each direction at all times. Minimum traveling width of 14' required.
 - ii) Requests for temporary lane closures shall be submitted a minimum of two working days in advance of scheduled closure. Requests are subject to approval by MTA.
- g) Overnight stoppages of traffic for erection or removal of overhead signs
 - i) Fee of \$2,500 per five-minute period for each roadway (northbound and southbound) if the complete stoppage of traffic exceeds 25 minutes.
 - ii) Requests shall be submitted five days in advance of scheduled stoppage. Request subject to approval of MTA.
- h) Stoppages of traffic for moving heavy or slow equipment across or on the travel lanes (stoppages less than five minutes)
 - i) Fee of \$500 per five minutes in excess of the five-minute allowance.
 - ii) Requests shall be submitted two working days in advance of scheduled stoppage. Request subject to approval by MTA.
- i) Work directly over traffic or within six feet of a travel lane will require a lane closure. When the work involves a worker higher than eight feet above grade, then a truck mounted attenuator (TMA) shall be included in the work zone layout.
- j) All signs, which do not apply to current construction activity, shall be 100% covered or removed in accordance with the plans. This includes any speed limit signs when work zone speed is in operation.
- k) Traffic control devices shall be NCHRP 350, TL-3 compliant.

12) Specific Contract Items

- a) Special Provision 626 Concrete Foundations – No soil borings or geotechnical engineering were performed for the ground mounted signs for this project. Ground mounted sign foundations sizes were determined based on geotechnical assumptions and recent experience in several areas.
- b) Special Provision 645 Remove and Stack Sign – Removed signs and steel H-beam supports shall be salvaged to the Authority. The Contractor shall deliver salvaged signs, broken down into not greater than 100 SF sections, to the MTA Sign Shop off of Blackstrap Road. Sign panels shall be stacked by approximate sizes at the Sign Shop. Salvaged steel H-beam sign supports shall be labeled by size, shape and length and stacked by approximate sizes at the Sign Shop.
- c) Special Provision 645 Protection of Signs with Type XI Sheeting and Special Provision 719 Signing Material – All proposed signs shall be fabricated with Type XI sheeting. The Contractor is warned to exercise all due caution to avoid damage to the sheeting surface during fabrication, transportation, storage, and erection.
- d) Special Provision 650 for Dynamic Message Signs – This contract includes the furnishing and installation of three ground mounted DMS panels on steel H-beams. These DMS include ground mounted equipment cabinets and a solar power system designed by the Contractor and approved by the Authority.

13) Questions

MTA Contract 2019.03

Guide Sign Modifications, Phase IV

PREBID MEETING 11:00AM MARCH 5, 2019 - ATTENDANCE SHEET

NAME	COMPANY	EMAIL	PHONE
Eric Barnes	MTA	ebarnes@maineturnpike.com	
Nate Carll	MTA	ncarll@maineturnpike.com	877-7771
Jamie Mason	MTA	JMason@ " "	949-1360
JAKE ADAMS	CPM CONSTRUCTORS	JWADAMS @CPMCONSTRUCTORS.COM	837-5381
Steve Tandre	MTA	standre@maineturnpike.com	877-7771 EXT 144
Ralph Norwood	MTA	rnorwood@maineturnpike.com	482-8348
Mark Swennen	VHB	mswennen@vhb.com	603-391-3980

**SCHEDULE OF BID PRICES
 CONTRACT NO. 2019.03
 GUIDE SIGN MODIFICATIONS, PHASE IV
 MAINE TURNPIKE EXITS 1-19**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
203.20	COMMON EXCAVATION	CY	60				
205.511	WIDENING OF EXISTING SHOULDER	LF	250				
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	CY	60				
606.13	31" W-BEAM GUARDRAIL - MID-WAY SPLICE (7' STEEL POSTS, 8" OFFSET BLOCKS, SINGLE FACED)	LF	650				
606.1306	31" W-BEAM GUARDRAIL - MIDWAY SPLICE TANGENT TERMINAL	EA	2				
606.1351	TERMINAL END - ANCHORED END - 31" W-BEAM GUARDRAIL	EA	1				
606.2652	TERMINAL END - REMOVE AND STACK	EA	1				
606.353	DELINEATOR POST	EA	17				
615.07	LOAM	CY	4				
618.14	SEEDING METHOD NUMBER 2	UN	1				
619.1202	TEMPORARY MULCH	LS	1				
626.12	QUAZITE JUNCTION BOX	EA	6				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
626.22	NON-METALLIC CONDUIT	LF	2940				
626.221	NON-METALLIC CONDUIT, DIRECTIONAL BORE	LF	850				
626.32	24 INCH FOUNDATION	EA	1				
626.33	30 INCH FOUNDATION, 8-FOOT OR LESS FOUNDATION	EA	12				
626.3303	36 INCH FOUNDATION	EA	7				
626.373	REMOVE AND STACK CONCRETE PAD	EA	2				
629.05	HAND LABOR, STRAIGHT TIME	HR	80				
645.105	REMOVE AND STACK SIGN	EA	41				
645.109	REMOVE AND RESET SIGN	EA	6				
645.162	BREAKAWAY DEVICE MULTI POLE	EA	10				
645.251	ROADSIDE GUIDE SIGN, TYPE 1	SF	5376.5				
645.2511	SHEET ALUMINUM OVERLAY, TYPE 1	SF	582.5				
645.2519	AUXILIARY PANEL SUPPORTS	LF	36				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
645.252	ROADSIDE GUIDE SIGN, TYPE 1 - SUPPLIED BY AUTHORITY	EA	1				
645.271	REGULATORY, WARNING, CONFIRMATION AND ROUTE ASSEMBLY, TYPE 1	SF	12				
645.289	STEEL H-BEAM POLES	LB	10360				
645.80	WOOD POSTS	LF	90				
650.101	DYNAMIC MESSAGE SIGN (DMS) SYSTEM: MM 10.01_S	LS	1				
650.101	DYNAMIC MESSAGE SIGN (DMS) SYSTEM: MM 21.78_S	LS	1				
650.101	DYNAMIC MESSAGE SIGN (DMS) SYSTEM: MM 32.52_N	LS	1				
650.201	DMS GROUND MOUNTED CONTROL CABINET: MM 10.01_S	EA	1				
650.201	DMS GROUND MOUNTED CONTROL CABINET: MM 21.78_S	EA	1				
650.201	DMS GROUND MOUNTED CONTROL CABINET: MM 32.52_N	EA	1				
650.901	DMS SOLAR POWER SYSTEM: MM 10.01_S	LS	1				
650.901	DMS SOLAR POWER SYSTEM: MM 21.78_S	LS	1				
650.901	DMS SOLAR POWER SYSTEM: MM 32.52_N	LS	1				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
652.30	FLASHING ARROW	EA	2				
652.33	DRUM	EA	240				
652.35	CONSTRUCTION SIGNS	SF	1100				
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	LS	1				
652.38	FLAGGERS	HR	32				
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2				
652.45	TRUCK MOUNTED ATTENUATOR	CD	150				
652.451	AUTOMATED SPEED LIMIT SIGN	CD	100				
656.632	30 INCH TEMPORARY SILT FENCE	LF	2400				
659.10	MOBILIZATION	LS	1				

TOTAL:

STATEMENT OF QUALIFICATIONS FORM

On company letterhead, please respond to the following questions. Include the original number and question in each response. Please limit responses to not more than two pages total. Contractor may provide supplemental material that shows their experience (resumes, marketing materials, etc.). On the final page, include the following statement, followed by the signature of a company representative with the authority to sign the proposal.

The undersigned, under the pains and penalty of perjury, offers the information provided above as evidence of [CONTRACTOR'S NAME] qualifications to perform the Work as bid upon according to all the requirements of the Plans and Specifications.

1. Describe the Contractor's previous experience installing guide signs along Interstate highways, including signs on steel beams and signs on overhead sign structures.
2. Describe the Contractor's previous experience with Interstate Temporary Traffic Control, including nighttime traffic control.
3. Describe the Contractor or specialty Sub-Contractor's previous experience installing ground mounted dynamic message signs (DMS) with solar power systems. Include a work plan that describes the Contractor or specialty Sub-Contractor's procedure for completing this type of work. The work plan should include civil work, electrical work, solar power system design and deployment, and system testing.