

MAINE TURNPIKE AUTHORITY ADDENDUM NO. 1

CONTRACT 2018.05

EXIT 103 SOUTHBOUND UNDERPASS
BRIDGE REHABILITATION
MILE 103.0

The bid opening date is Thursday March 15, 2018 at 11:00 a.m.

The following changes are made to the Proposal, Specifications, and Plans.

GENERAL

All questions regarding Contract 2018.03 shall be submitted by March 8, 2018 at 12 pm. Questions received after that time may not be answered.

No site visits shall be done during inclement weather requiring snow plow operations.

PROPOSAL

- Proposal Sheets P-9, P-10 and P-11 are deleted and replaced with sheets P-9, P-10 and P-11 attached hereto. The revision to these sheet removes the item 639.18 Field Office, Type A.

SPECIAL PROVISIONS

- SP-77, Special Provision Section 526.01 Description, 6th paragraph, the words, “back to its maintenance area of origin, is deleted and replaced with “to the West Gardiner Maintenance Area MM 101.8 Northbound”.
- SP-79, Special Provision Section 526.04 Method of Measurement, 3rd paragraph, with the words, “Once Phase 2 construction is complete, the contractor shall reset the concrete barrier in a quantity and at a location and configuration as determined by the engineer. This is to account for the 2019 Exit 103 ORT construction. This quantity of concrete barrier shall remain in place and shall not be transported back to its maintenance area of origin.”, is deleted in its entirety.

PLANS

- Plan Sheet 2 of 176, Estimate Quantities, the item number, “639.18 FIELD OFFICE, TYPE A, 1, EA”, shall be deleted in its entirety.
- Plan Sheet 150 of 176, Closure Pour Detail, #5 MECHANICAL/WELED SPLICE (EPOXY COATED) shall be deleted and replaced with #5 MECHANICAL SPLICE (EPOXY COATED).

- Plan Sheet 159 and 160, General Note, the words, “mechanical/welded splices” shall be deleted and replaced with “mechanical splices.”
- Record plans for the bridge construction has been posted for downloading to <http://www.maineturnpike.com/>

QUESTIONS

The following are questions asked at the Pre-Bid meeting held February 27, 2018 at 10:00 a.m. or are written questions received from contractors. Answers to the questions are noted. Bidders shall utilize this information in preparing their bid.

- 1. Question: The Pre-Bid Meeting Agenda, items 9 i.) and 9.j.) indicate supplemental liquidated damages associated with the dates and duration of Phase 1A and Phase 2A. If either of these phases exceed the allowed duration while the phase extends into the dates that are not allowed, will supplemental liquidated damages be assessed to both the duration and the dates not allowed.*

Answer: Supplemental liquidated damages will be assessed for both duration and dates separately.

ATTACHMENTS

- Pre-Bid Agenda (5)
- Pre-Bid Sign-In Sheets (1)
- Proposal Sheets (3)
- Special Provisions (0)
- Plans (0)

The total number of pages, including 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-12 of the bid package.

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

Business Name

Print Name and Title

Signature

Date
February 28, 2018

Very truly yours,

MAINE TURNPIKE AUTHORITY

Purchasing Manager
Maine Turnpike Authority

MAINE TURNPIKE AUTHORITY

Pre-Bid Conference

CONTRACT 2018.05

EXIT 103 I-295 SOUTHBOUND UNDERPASS
BRIDGE REHABILITATION
MILE 103.0

February 27, 2018 10:00 a.m.

1) Location:

The general limits of work are from Mile 102.10 (Station 5216+00) to Mile 102.60 (Station 5240+00) along the Mainline from Station 9+20 to Station 28+50 along I-295 Southbound in West Gardiner, Maine.

2) General Description:

The work consists of rehabilitating the Exit 103 Southbound Underpass Bridge over the Maine Turnpike and mill and fill approximately ½ mile of pavement on the Mainline in the Town of West Gardiner, Maine. The existing two lane bridge will be widened to 3 lanes, raised to provide additional vertical clearance, and new deck installed. The work includes bridge, abutment and pier widening, concrete deck replacement, substructure modifications and repairs, approach work and paving, guardrail, bridge rails, maintenance of traffic and all other work incidental thereto in accordance with the Plans and Specifications.

3) Bid:

- a) Due March 15, 2018 at 11:00 A.M. at MTA Headquarters 2360 Congress Street, Portland.
- b) All bid and contractual questions shall be directed to Purchasing Department, Phone No. (207) 482-8115.
- c) All questions on plans and specifications shall be in writing and shall be directed (faxed) to Purchasing Department, of the Maine Turnpike Authority. Fax No. (207) 871-7739 or 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 .

5) Maine Department of Labor – Fair Minimum Hourly Wages (Special Provision 104.3.8)

- a) Heavy and Bridge wages

b) Highway and Earth wages

6) General Requirements

- a) U-Turns at toll plazas and median openings not allowed, subject to fines. (Supplemental Specifications 105.5.1)
- b) Contractor access to and from the mainline and I-295 shall not negatively impact 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 concrete delivery trucks, shall be equipped with amber flashing beacons in accordance with the General Provision 652.61.
- d) Class III safety vests must be worn at all times in accordance with Supplemental Specifications 652.3.2.

7) Cooperation with Other Contractors (Special Provision 104.4.7)

- a) Known adjacent contracts are listed in SP 104.4.7

8) Lead Paint (Special Provision 105.2.4.2)

- a) The existing bridge structure does not contain lead based paint, but the paint does contain traces of lead. A copy of the Lead Testing results is attached as Appendix A.
- b) Note 8 on sheet 108 indicates, “the coating on the steel portion of the existing bridge structure contains trace amounts of lead but the concentrations have been found to be below the regulatory threshold limits for classification as a lead-based paint system or hazardous waste. The contractor is responsible for implementing appropriate OSHA mandated personal protection standards related to working with steel coated with lead-containing paint. Payment for all labor, materials, equipment and other costs required for proper management of lead-containing paint shall be considered incidental to the contract items.”

9) Permit Requirements (Special Provision 105.8.2)

- a) The Project is being constructed under the Maine DEP Natural Resources Protection Act Permit by Rule (PBR) for activities adjacent to protected natural resources. A copy of the PBR regulations and permit are in Appendix B.
- b) The Project permitting also requires that Contractor shall not clear, disturb or otherwise impact other wetlands at the site during construction, beyond what impacts are shown on the project plans.
- c) The Project is being permitted under Section 404 of the Clean Water Act, through the US Army Corps of Engineers General Permit, Category 1. The Project is subject to the General Conditions of the Category 1 Authorization dated October 13, 2015 through October 13, 2020. A copy of the General Permit is attached in Appendix C. A signed copy of the Category 1 Notification Form was sent to the Army Corps Maine Project Office on December 22, 2018.

- d) The Project is subject to the requirements of the Maine Pollutant Discharge Elimination System (MPDES) General Permit for Stormwater Discharge from Construction Activity
- e) A Notice of Intent (NOI), accompanied by a preliminary Limit of Disturbance (LOD) of 3.79 acres have been filed by MTA with Maine DEP. Contractor shall prepare and file a final LOD.
- a) Compliance with the erosion and sedimentation control requirements outlined in this Contract is required by the Contractor.
- b) MaineDOT Best Management Practices (latest issue), subject to fines in accordance with Supplemental Specifications Sections 105.8.1 and 656.

10) Construction Schedule/Prosecution of Work:

- a) March 22, 2018 – Contract award considered at MTA Board Meeting
- b) April 2018 – Anticipated Contract start
- c) November 18, 2019 - Substantial Completion
- d) May 15, 2020 - Contract Completion date
- e) Substantial completion defined as
 - i) All bridge deck work, including curbing, steel bridge rail, snow fence, surface pavement and guardrail installation including attachments complete and available for traffic.
 - ii) 2018.05 fully opened to traffic including shoulders, guardrail, surface pavement and signage.
 - iii) All disturbed slopes loamed, seeded and mulched, temporary erosion control mix and/or blanket installed where necessary.
- f) Liquidated damages on a calendar day basis in accordance with Subsection 107.7.2 shall be assessed for each calendar day that project completion is not achieved.
- g) Supplemental liquated damages for:
 - i) for each calendar day that substantial completion is not achieved on a calendar day basis in accordance with Subsection 107.8.
- h) The following activities shall not begin until the date specified:
 - i) The long-term lane closure that creates a single lane on I-295 Southbound ramp can only be in place for 8 continuous weeks (56 calendar days) for Phase 1A and 10 calendar days for Phase 2A, shall not be in place during the following:
 - From Friday, June 15, 2018, noon, to Monday, September 3, 2018, 7 pm.
 - From Friday, September 21, 2018, noon, to Monday, October 8, 2018, 6 pm.

- From Friday, June 14, 2019, noon, to Monday, September 2, 2019, 7 pm.
- From Friday, September 20, 2019, noon, to Sunday, September 29, 2019, 7 pm.
- From Friday, October 11, 2019, noon, to Monday October 14, 2019, 6pm.

- i) Supplemental liquidated damages of Two Thousand Five Hundred (\$2,500.00) Dollars per calendar day per shall be assessed for each calendar day when long-term lane closures, that create a long-term lane closure on the I-295 Southbound ramp, occur during the dates listed in section 107.4.6.
- j) Supplemental liquidated damages of Two Thousand Five Hundred (\$2,500.00) Dollars per calendar day per shall be assessed for each calendar day when Phase 1A exceeds 56 calendar days and/or when Phase 2A exceeds 10 consecutive calendar days.

10) Traffic Control (Special Provision Section 652):

- a) Mainline temporary lane closures and temporary shoulders closures are allowed between the hours of 12:01 a.m. and midnight, Sunday through Saturday. Temporary lanes closures shall not extend north of mile marker (MM) 102.8 in the northbound lanes or north of MM 102.9 in the southbound lanes
- b) Two lanes of traffic, as shown in Phase 1 and 2 of the Maintenance of Traffic Control plans shall be maintained on the I-295 Southbound Ramp, except when one lane of traffic is allowed by these Specifications and Plans. Temporary lane closures will only be allowed when necessitated by on-going work. See section 107.4.6 for when long term lane closures are allowed.
- c) The contractor shall maintain a minimum 14-foot roadway width during all temporary lane and shoulder closures with the exception of November 16, 2018 through March 31, 2019 during which a minimum 20-foot roadway width must be maintained.
- d) SP 652 Automated Trailer Mounted Speed Limit Signs has been revised and contractor shall fill out price in bid form. Signs shall only be used when a work zone speed limit is in place. The Contractor shall manage the utilization and operation of the Automated Trailer Mounted Speed Limit Signs and if at least one is not used when work zone speed limits are in place then it will be considered a Traffic Control Plan violation and result in a reduction of payment as outlined in Section 652.
- e) SP 652 Truck Mounted Attenuator has been revised and contractor shall fill out price in bid form. When a pay item for a Truck Mounted Attenuator (TMA) is included in the contract at least one TMA will be required on the project and its use will be required. The truck mounted attenuator should be utilized in lane closures and other construction operations where workers are exposed to traffic and not protected by other positive means. The Contractor shall manage the utilization and operation of the TMA and if at least one is not used as described above then it will be considered a Traffic Control Plan violation and result in a reduction of payment as outlined in Section 652.

12) Specific Contract Items

- a) Sheet 115 of 176 Phase 1A Construction: The Temporary Anchored Barrier shown on the Western portion of the deck may be removed during this phase provided the deck overhang bracing remains in place.
- b) Section 526 – Temporary Concrete Barrier Type I – Supplied by Authority
 - i) The concrete barrier sections are stored at the Crosby Maintenance Area Mile 45.8 Southbound and at Auburn Maintenance Area Mile 76.9 Northbound and shall be returned there except as follows:
 - (1) Once Phase 2 construction is complete, the contractor shall reset the concrete barrier in a quantity and at a location and configuration as determined by the engineer. This is to account for the 2019 Exit 103 ORT construction. This quantity of concrete barrier shall remain in place and shall not be transported back to its maintenance area of origin.
- c) Section 606 – Guardrail
 - i) The Guardrail run shall be the 31” W-Beam Guardrail – Mid-way Splice system.
 - ii) The FLEAT shall be for use with the 31” W-Beam Guardrail – Mid-way Splice system.

13) Contractor Questions:

MAINE TURNPIKE AUTHORITY

Pre-Bid Conference

CONTRACT 2018.05

EXIT 103 I-295 SOUTHBOUND UNDERPASS BRIDGE REHABILITATION

MILE 103.0

February 27, 2018 10:00 a.m.

| NAME (PRINT) | COMPANY | PHONE | EMAIL |
|---------------------|---------------------|--------------|-----------------------------------|
| Paul Pottle | Stantec | 207-303-7435 | paul.pottlejr@stantec.com |
| Greg Edwards | Stantec | 603-289-0025 | greg.edwards@stantec.com |
| Chris Webber | Lane | 207 751 0839 | cwebber@laneconstruct.com |
| AUDY KENTRIDGE | CPM | 207 865-0000 | audyk@cpmconstructors.com |
| Greg Scott | Sean Gonsi Corp | 207 632-0521 | gscott207@gmail.com |
| BENJAMIN MACFARLAND | WYMAN & SIMPSON INC | 207-737-4471 | Bmacfarland@wymanandsimpson.com |
| ART BURGESS | PRATT & SONS, INC | 207-345-3311 | art@prattandsons.net |
| Sean O'Leary | RS Grandin | 207-400-6517 | estimates@grandinconstruction.com |
| Nate Carll | MTA | 202-482-8115 | NCarll@maineturnpike.com |
| Scott Marchal | MTA | 207-482-8121 | Smarchal@maineturnpike.com |
| Ralph Norwood | MTA | 207482-8348 | rnorwood@maineturnpike.com |

| Item No | Item Description | Units | Approx. Quantities | Unit Prices in Numbers | | Bid Amount in Numbers | |
|-------------------------|--|-------------|--------------------|------------------------|-------|-----------------------|-------|
| | | | | Dollars | Cents | Dollars | Cents |
| BROUGHT FORWARD: | | | | | | | |
| 627.744 | 6" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE | Linear Foot | 26,800 | | | | |
| 627.77 | REMOVING EXISTING PAVEMENT MARKING | Square Foot | 30,000 | | | | |
| 627.812 | TEMPORARY RAISED PAVEMENT MARKERS | Each | 1,850 | | | | |
| 627.94 | PAVEMENT MARKING TAPE | Linear Foot | 200 | | | | |
| 629.05 | HAND LABOR, STRAIGHT TIME | Hour | 200 | | | | |
| 631.10 | AIR COMPRESSOR (INCLUDING OPERATOR) | Hour | 40 | | | | |
| 631.11 | AIR TOOL (INCLUDING OPERATOR) | Hour | 80 | | | | |
| 631.12 | ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR) | Hour | 100 | | | | |
| 631.171 | TRUCK-SMALL (INCLUDING OPERATOR) | Hour | 60 | | | | |
| 631.172 | TRUCK - LARGE (INCLUDING OPERATOR) | Hour | 80 | | | | |
| 631.36 | FOREMAN | Hour | 100 | | | | |
| 645.105 | REMOVE AND STACK SIGN | Each | 4 | | | | |

CARRIED FORWARD:

| Item No | Item Description | Units | Approx. Quantities | Unit Prices in Numbers | | Bid Amount in Numbers | |
|-------------------------|---|-------------|--------------------|------------------------|---------------------|-----------------------|------------------------|
| | | | | Dollars | Cents | Dollars | Cents |
| BROUGHT FORWARD: | | | | | | | |
| 645.109 | REMOVE AND RESET SIGN | Each | 2 | | | | |
| 645.271 | REGULATORY, WARNING, CONFIRMATION AND ROUTE ASSEMBLY SIGN, TYPE 1 | Square Foot | 40 | | | | |
| 652.30 | FLASHING ARROW | Each | 5 | | | | |
| 652.33 | DRUM | Each | 300 | | | | |
| 652.34 | CONE | Each | 100 | | | | |
| 652.35 | CONSTRUCTION SIGNS | Square Foot | 1,710 | | | | |
| 652.361 | MAINTENANCE OF TRAFFIC CONTROL DEVICES | Lump Sum | 1 | | | | |
| 652.41 | PORTABLE-CHANGEABLE MESSAGE SIGN | Each | 4 | | | | |
| 652.45 | TRUCK MOUNTED ATTENUATOR | Cal. Day | 100 | | | | |
| 652.452 | AUTOMATED TRAILER MOUNTED SPEED LIMIT SIGN | Each | 1 | | | | |
| 652.46 | TEMPORARY PORTABLE RUMBLE STRIP | Unit | 100 | | \$150 ⁰⁰ | | \$15,000 ⁰⁰ |
| 656.60 | TEMPORARY BERMS | Linear Foot | 1,900 | | | | |

CARRIED FORWARD:

| Item No | Item Description | Units | Approx. Quantities | Unit Prices in Numbers | | Bid Amount in Numbers | |
|-------------------------|--------------------------|-------------|--------------------|------------------------|-------|-----------------------|-------|
| | | | | Dollars | Cents | Dollars | Cents |
| BROUGHT FORWARD: | | | | | | | |
| 656.62 | TEMPORARY SLOPE DRAINS | Linear Foot | 400 | | | | |
| 656.632 | 30" TEMPORARY SILT FENCE | Linear Foot | 4,600 | | | | |
| 659.10 | MOBILIZATION | Lump Sum | 1 | | | | |
| TOTAL: | | | | | | | |