

**MAINE TURNPIKE AUTHORITY**

**ADDENDUM NO. 1**

**CONTRACT 2016.11**

**EMERGENCY VEHICLE RAMPS**  
**TWO ROD ROAD UNDERPASS**  
**MILE 42.0**

**The bid opening date is Friday June 17, 2016 at 11am.**

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

**GENERAL**

Intentionally left blank.

**PROPOSAL**

Proposal Sheet P-5 is deleted and replaced with P-5 (Revised 6/15/2016) attached hereto. The revision to the proposal sheet adds \$125.00 to the Unit Price of Item 652.45 Truck Mounted Attenuator.

**SPECIFICATIONS**

Special Provision Section 403 Hot Bituminous Pavement, Page SP-13, Complimentary Note F shall be revised by deleting the second sentence and replacing it with, "The aggregate qualities shall meet the design traffic level of 3 to <10 million ESALS for mix placed under this contract. A revised page SP-13 is attached.

**PLANS**

Intentionally left blank.

**QUESTIONS**

**The following are questions asked at the pre-bid meeting held on June 13, 2016 or submitted to the Maine Turnpike Authority in writing. Answers to the questions are noted. Bidders shall utilize this information in preparing their bid.**

Question 1: Pre-Bid Agenda Item 14-f (Specific Project Maintenance of Traffic Requirements) – An additional emphasis was placed on the requirement that all contractor access will be from the local road and NOT the Maine Turnpike mainline.

Question 2: Plan sheet 4 of 26 general note 4 calls for hot rubber on surface joints. SP-13 Section 403 does not have complementary note H indicated for the project; which is typically the note calling for hot rubber on surface joints. Could you please clarify if hot rubber will be required?

Answer: The surface layer of all sawcut and pavement joints are to be treated with a hot rubberized asphalt according to Plan sheet 4 note 4 and Special Provision Section 401 Hot Mix Asphalt Pavement, Subsection 401.17 Joints.

Question 3: For Item number 652.45 Truck Mounted Attenuator, it was mentioned at the Pre-Bid that the addendum is going to assign a unit price of \$125.00 per day. Can you describe what the amount covers and what the contractor responsibilities are for that item? I don't know if the MTA supplies the attenuator or the truck with driver as well.

Answer: Refer to Special Provision Section 652 Maintenance of Traffic (Truck Mounted Attenuator) for details; Pages SP 42 and 43.

Question 4: Please bring your attention to page 168; Complimentary Note "F". The project calls for two layers of a mix called 12.5mm 75gyro. I've attached our mix design. However, under note F you'll see that the mix needs to meet 10 to <30million ESALS (traffic load). Our mix design does not meet that. It comes down to fractured faces of the coarse aggregate. It seems odd to require this level of ESALS. Standard Maine DOT interstate work typically does not require that level of traffic loading. We would be more than happy to give you prices on the project but you'll have to ask them if our mix design would be ok?

Answer: Special Provision Section 403 Hot Bituminous Pavement, Page SP-13, Complimentary Note F shall be revised by deleting the second sentence and replacing it with, "The aggregate qualities shall meet the design traffic level of 3 to <10 million ESALS for mix placed under this contract."

## **ATTACHMENTS**

- Proposal Sheets P-5 (1 pages)
- Special Provision 403 (1 page)
- Pre-Bid Agenda (3 pages)
- Pre-Bid Sign-In Sheet (1 page)

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

The total number of pages included with this addendum is Nine (9).

All bidders are requested to acknowledge the receipt of the Addendum No. 1 by signing below and faxing this sheet to Nathaniel Carll, Purchasing Department, Maine Turnpike Authority at 207-871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 1 on Page P-7 of the bid package.

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Business Name

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Print Name and Title

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Signature

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Date

June 15, 2016

Very truly yours,

MAINE TURNPIKE AUTHORITY

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Nathaniel Carll  
Purchasing Department  
Maine Turnpike Authority

| Item No                 | Item Description                       | Units        | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|-------------------------|--|--------------|--------------------|------------------------|-------|-----------------------|-------|
|                         |  |              |                    | Dollars                | Cents | Dollars               | Cents |
| <b>BROUGHT FORWARD:</b> |  |              |                    |                        |       |                       |       |
| 631.36                  | Foreman                                | Hour         | 10                 |                        |       |                       |       |
| 652.30                  | Flashing Arrow                         | Each         | 1                  |                        |       |                       |       |
| 652.33                  | Drum                                   | Each         | 50                 |                        |       |                       |       |
| 652.34                  | Cone                                   | Each         | 50                 |                        |       |                       |       |
| 652.35                  | Construction Signs                     | Each         | 370                |                        |       |                       |       |
| 652.361                 | Maintenance of Traffic Control Devices | Lump Sum     | 1                  |                        |       |                       |       |
| 652.38                  | Flaggers                               | Hour         | 240                |                        |       |                       |       |
| 652.45                  | Truck Mounted Attenuator               | Calendar Day | 5                  | \$125.                 | 00    |                       |       |
| 655.204                 | 3-inch Schedule 80 PVC Conduit         | Linear Foot  | 230                |                        |       |                       |       |
| 656.50                  | Baled Hay, in place                    | Each         | 25                 |                        |       |                       |       |
| 656.632                 | 30 Inch Temporary Silt Fence           | Linear Foot  | 1,020              |                        |       |                       |       |

**CARRIED FORWARD:**

SPECIAL PROVISIONSECTION 403HOT BITUMINOUS PAVEMENT

| Course | HMA Grading | Item Number | Total Thickness | No. of Layers | Complimentary Notes |
|--------|-------------|-------------|-----------------|---------------|---------------------|
|--------|-------------|-------------|-----------------|---------------|---------------------|

Emergency Vehicle Ramps

|         |        |         |    |   |                     |
|---------|--------|---------|----|---|---------------------|
| Wearing | 12.5mm | 403.208 | 2" | 1 | B, C, E, F, J, L, N |
| Base    | 12.5mm | 403.213 | 2" | 1 | B, C, E, F, J, L, N |

COMPLEMENTARY NOTES

- A. The required PGAB for this mixture shall be **64E-28**.
- B. The required PGAB for this mixture shall be **64-28**.
- C. A maximum of 15 percent RAP may be used.
- D. RAP may not be used.
- E. Acceptance and payment shall be per Section 401.19 Quality Control Method D, Section 401.24 Method D, 401.21 Method of Measurement, 401.22 Basis of Payment and 401.221 Pay Adjustment (MaineDOT Standard Specification- November 2014).
- F. The MTA will conduct the job mix verification. The aggregate qualities shall meet the design traffic level of 3 to <10 million ESALS for mix placed under this contract. The design verification, Quality Control, and Acceptance tests for this mix will be performed at **75 gyrations**. (N design)
- G. A material transfer vehicle (MTV) shall be used for the placement of Hot Mix Asphalt wearing surface on all roadways including acceleration and deceleration lanes and all ramps.
- H. Joints shall be constructed in accordance with Subsection 401.17.
- I. Joint density will be measured in accordance with Subsection 401.165.
- J. Tack coat shall be applied between all layers of pavement at a rate of 0.04 G/SY.
- K. PGAB shall conform to the provisions of 403.02 – Polymer Modified PGAB for HMA
- L. The contractor shall furnish a quality control technician equipped with an approved densometer to ensure density requirements are met.
- M. Hydrated Lime shall be incorporated into the mixture.
- N. No vehicular loads shall be permitted on newly completed pavement until adequate stability has been attained and the material has cooled sufficiently to prevent distortion or loss of fines. The newly paved area may be opened to traffic after the internal temperature of the pavement has cooled to 120° F. The Resident will test the internal temperature of the pavement and shall be the sole judge as to the opening to traffic. The period of time before opening to traffic may be extended at the discretion of the Resident. The lane closure may not be removed until the internal temperature has cooled to 120° F.

**MAINE TURNPIKE AUTHORITY**

Pre-Bid Conference

CONTRACT 2016.11

EMERGENCY VEHICLE RAMPS

TWO ROD ROAD UNDERPASS

MILE 42.0

June 13, 2016 at 11:00 a.m

1) Location:

The general limits of work are as shown in the contract plans.

2) General Description:

The work consists of constructing two Emergency Vehicle Ramps from Two Rod Road to the Maine Turnpike in the Town of Scarborough, Maine. The work includes excavation, roadway gravels and pavement, guardrail, fence, maintenance of traffic and all other work incidental thereto in accordance with the Plans and Specifications.

3) Bid Questions:

- a) All bid and contractual questions shall be directed to Nate Carll, Purchasing Manager at Phone No. (207) 871-7771, Ext. 115.
- b) All questions on plans and specifications shall be in writing and shall be directed (faxed) to Nate Carll of the Maine Turnpike Authority. Fax No. (207) 871-7739.

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 (207) 871-7771, ext. 144.

5) Contract Specifications

- a) The Specifications are divided into two parts: Part I, Supplemental Specifications and Part II, Special Provisions.
- b) The Maine Turnpike Supplemental Specifications are additions and alternations to the 2014 Maine Department of Transportation Standard Specifications. See Subsection 100.1.

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

7) Responsibility for Property of Others (Special Provision 104.3.11):

- a) Contractor responsible for responding to all damage claims within 15 days. This language has been revised from previous MTA contracts

8) Construction Surveying (Section 105.6)

- a) Utilizes the new MaineDOT Specification requiring Contractor to provide MTA with same survey/layout (Rover) equipment being utilized by contractor for the duration of the project when indicated by Special Provision.

9) Permit Requirements (Special Provision 105.8.2)

- a) The Project is being permitted through the US Army Corps of Engineers General Permit for activities subject to the Corps jurisdiction in waters of the U.S. within the boundaries of the State of Maine.
- b) The Project is being permitted through the Maine Department of Environmental Protection (DEP), Natural Resources Protection Act Permit by Rule Regulations (Chapter 305) Section 11 – State Transportation Facilities.
- c) The Project is subject to the requirements of the Maine Pollutant Discharge Elimination System (MPDES) General Permit for Stormwater Discharge from Construction Activity.
- d) A Notice of Intent (NOI) was submitted by the Authority to the DEP for coverage under the Maine Construction General Permit (MCGP). Compliance with the erosion and sedimentation control requirements outlined in this Contract is required by the Contractor.
- e) Limit of Disturbance Plan shall be submitted prior to any disturbance.
- f) Compliance with the erosion and sedimentation control requirements outlined in this Contract is required by the Contractor.
- g) The Project will be performed in accordance with the MaineDOT Best Management Practices (BMP) latest issue.

10) Section 108.2. Mobilization (Progress) Payments - Section has been revised

11) Section 109 Adjustments for Delay (Changes) – Section has been revised

12) Section 111 Resolution of Disputes– Section has been revised

**Project Specific Items**

Bid Opening

Opening: June 17, 2016 at 11:00 A.M. at MTA Headquarters 2360 Congress Street, Portland

13) Construction Schedule/Prosecution of Work:

- a) June 23, 2016 – MTA Board to consider Contract Award
- b) August 22, 2016 – Construction Start date
- c) October 28, 2016 – Contract Completion Date

14) Specific Contract Items

- a) Section 104.4.6 Utility Coordination – a ten (10) working day notice is required to be provided to CMP and Fairpoint.
- b) Section 104.4.7 Cooperation with Others – A Guide Sign replacement project and the Two Rod Road Bridge Repair project will be under construction during 2016.
- c) Section 205 Shoulder Reconstruction – care shall be taken during shoulder widening to not create any impacts to the waterway at approximately Sta 2078+10 Rt.
- d) Section 603 Pipe Culverts and Storm Drains – only the HDPE option under the Culvert Pipe Option III bid item will be accepted.
- e) Section 606 Guard Rail – note that 7-foot posts are required for a portion of the Guardrail relocation.
- f) Special Provision Section 652 Traffic Control – Section has been revised
  - (1) Specific Project Maintenance of Traffic Requirements:
    - (a) Two Rod Road: Two-lane traffic shall be maintained on Two Rod Road at all times in accordance with the details shown on the Plans. Short durations of alternating two-way traffic in a single lane will be allowed with proper maintenance of traffic signage and flaggers. A minimum 12' lane width shall be maintained at all times
    - (b) Maine Turnpike: Temporary Lane and Shoulder Closure times are detailed in the Specification
- g) Section 655 Electrical Work – the contractor shall coordinate directly with the Resident to determine final location of the 3-inch PVC Conduit
- h) Section 652 – Maintenance of Traffic – Truck Mounted Attenuator
  - i) Utilized in lane closures or other construction operations where workers are exposed to traffic and not protected by positive means.
  - ii) Pay unit has been revised to Calendar Day with an allowance of 5 calendar days at \$125 each.

## 15) Questions

Contract 2016.11

Emergency Vehicle Ramps  
Two Rod Road Underpass  
Mile 42.0

Pre-Bid Meeting

June 13, 2016 11:00 am

Attendance

| <u>Name</u>      | <u>Company</u>        | <u>Email</u>                            |
|------------------|-----------------------|---|
| JAKE ADAMS       | CPM                   | JWADAMS@CPM<br>CONSTRUCTORS.COM         |
| ANDREW WARD      | PRATT + SONS          | ANDREW@PRATTANDSONS.NET                 |
| Lindsay Dearborn | Dearborn Construction | LDearborn@DearbornConstruction.com      |
| Bob Brady        | Shaw Brothers         | BBrady@shawbrothers.com                 |
| Geo. Conly       | R.J. Groundwork Son   | estimators@groundin<br>construction.com |
| Scott March      | MTA                   | SMarch@metropark.ca                     |
| Dale Mitchell    | HNTB                  | damitchell                              |
| Mate Cull        | MTA                   | NCarllemaine.turnpike.com               |