

MAINE TURNPIKE AUTHORITY

ADDENDUM NO. 1

CONTRACT 2019.15

GRAY TRAVEL PLAZA
FUEL SYSTEM REPLACEMENT
MILE 58.8 NB

The bid opening date is July 18, 2019 at 11am.

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

GENERAL

Intentionally left blank.

PROPOSAL

Intentionally left blank.

SPECIFICATIONS

Special Provision 107.1 Contract Time and Contract Completion, and Special Provision 107.1.1 Substantial Completion shall be deleted and replaced with the attached revised Special Provisions 107.1 and 107.1.1. This provides an additional two-week period to the Fall 2019 construction timeframe, if needed, to allow for long lead time of structural steel and Diesel Canopy fabrication. See attached new page SP-8a and revised page SP-9.

PLANS

Intentionally left blank.

QUESTIONS

The following are questions asked and comments made at the pre-bid meeting held on July 9, 2019 or submitted to the Maine Turnpike Authority in writing. Answers to the questions are noted. Bidders shall utilize this information in preparing their bid.

- 1) What fuel system components are provided by the Owner?

Response:

- MTA will provide the Aboveground Storage Tanks (AST) for temporary fuel service. Contractor is responsible for transport, setting, setup, commissioning, and decommissioning of the AST per contract Plans and Specifications.
- MTA has purchased the Underground Storage Tanks (UST), Tank Straps, and Sumps. Contractor is responsible for taking delivery, offloading, and installation of the UST per contract Plans and Specifications.

- 2) What is CN Brown responsible for and who are they?

Response: CN Brown is MTA's fuel vendor.

- CN Brown will provide a temporary trailer kiosk. Contractor is responsible for taking delivery and setup per contract Plans and Specifications.
- CN Brown will remove existing dispensers and provide new dispensers. Contractor is responsible for coordinating with CN Brown of disconnect of old, installation of new, and commissioning of the new dispensing and point of sale system components per Contract Plans and Specifications

- 3) What qualifications are required of the Contractor's Designer?

Response: In addition to the Contractor submitting the Statement of Qualifications, History of Contracts, and Status of Contracts on Hand forms outlining their construction experience, the Contractor shall also submit these same forms outlining their Design Firms design experience.

- 4) Will the Designers be required to carry insurance for Errors and Omissions?

Response: The Contractor's Design Firm shall meet the requirements of MTA's "Engineering Consultant General Conditions", more specifically the section "Indemnification and Insurance" beginning on page 18 of 33. These General Conditions can be found on MTA's website under the *Business with the MTA* and *Consultant* folders.

- 5) Should all questions be sent to Nate or Ralph?

Response: All questions are to be sent to Nate Carll; contact information is in the Contract Specifications.

- 6) Are the Underground Tanks already ordered?

Response: Yes.

- 7) Is the hot rubber used on joints in the surface course the same as that used on MTA Mainline?

Response: Yes.

8) Will the Bids be reviewed with favor to a Fall or Spring construction?

Response: No, Award remains a low-bid process.

9) Fall construction completion date does not seem feasible given the lead times for structural steel and canopy fabrication?

Response: This is a summary response; see Specification updates for more detail. The Fall 14-week construction timeframe is revised to add the following:

- A single two-week period will be allowed (beyond the stated 14-week timeframe) for the purposes of Diesel Canopy Erection, fire suppression installation, and canopy lighting energizing. This two-week period is being added to allow for long lead time of steel and canopy fabrication. It can only be used for this purpose, it must be a single contiguous period, and it will end no later than April 30, 2020. During this two-week period, the contractor will be allowed to shut down the new diesel dispensers and finalize all Canopy and canopy component construction. If the two-week period is used, a temporary fire suppression system and temporary lighting must be installed and made fully functional prior to the end of the original 14-week timeframe. Temporary fire suppression and lighting will not be measured for payment and will not be paid for but will be at the Contractor's expense. All other components of Substantial Completion remain unchanged.

ATTACHMENTS

- Special Provision 107.1 and 107.1.1
 - (Pages SP-8a and SP 9 Revised) (2 pages)
- Pre-Bid Agenda (6 pages)
- Pre-Bid Sign-In (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 thirteen (13).

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-8 of the bid package.

Business Name

Print Name and Title

Signature

Date

July 11, 2018

Very truly yours,

MAINE TURNPIKE AUTHORITY

Nathaniel Carll
Purchasing Department
Maine Turnpike Authority

107.1 Contract Time and Contract Completion Date - Continued

For the Fall 2019 timeframe ONLY, an additional, single, two-week period will be allowed (beyond the stated 14-week timeframe) for the purposes of Diesel Canopy Erection, fire suppression installation, and canopy lighting energizing. This two-week period is being added to allow for long lead time of steel and canopy fabrication. It can only be used for this purpose, it must be a single contiguous period, and it will end no later than April 30, 2020.

107.1.1 Substantial Completion

This Subsection is amended by the addition of the following:

Substantially complete shall be defined by the Authority as the following:

- Existing underground storage tanks decommissioned and disposed.
- Proposed underground storage tanks installed and made fully functioning.
- Final fuel systems operational and open to the public.
- Above ground storage tanks decommissioned, removed, and set as noted in the Plans and Specifications, including preparing the tanks for use with a different fuel product.
- Drainage systems installed and functioning.
- Traffic circulation returned to final (existing) conditions.
- All site work complete, pavement complete, and disturbed slopes loamed, seeded and mulched, and erosion control measures installed where necessary.
- For the Fall 2019 timeframe ONLY: If the additional two-week period is used, Substantial Completion will be modified as follows:
 - A temporary fire suppression system and temporary lighting at the new diesel dispensers must be installed and made fully functional within the original 14-week timeframe. Temporary fire suppression system must meet the same NFPA standards, including UL listing, as the permanent fire suppression system. If the two-week period is contiguous with (an extension of) the 14-week timeframe, the diesel dispensers will be off and the temporary fire suppression and temporary lighting systems will not be required. Temporary fire suppression and lighting will not be measured for payment and will not be paid for but will be at the Contractor's expense.
 - The new canopy, permanent fire suppression, canopy lighting, and all other incidentals related to these items must be complete and fully function at the conclusion of the two-week period. This includes returning all traffic circulation to its permanent condition, all construction materials removed from the site, and the diesel dispensers made fully operational.

Supplemental Liquidated damages of \$1,000 per day, on a calendar day basis, in accordance with Subsection 107.8 shall be assessed for each calendar day that substantial completion is not achieved, as well as for final completion, beyond the 14-week timeframe allotted for construction.

Supplemental Liquidated damages of \$1,000 per day, on a calendar day basis, in accordance with Subsection 107.8 shall be assessed for each calendar day that substantial completion is not achieved, as well as for final completion, beyond the 2-week period allotted for Diesel Canopy, Fire Suppression, and Canopy Lighting construction.

107.4.6 Prosecution of Work

The Authority's fuel operator is responsible for removing the existing gas and diesel dispensers. The Contractor shall provide a minimum of five days' notice to the Resident of when the dispensers need to be removed. The fuel operator shall have five working days to remove dispensers.

The Authority's fuel operator shall operate the aboveground storage tanks. Contractor shall provide Resident with five working days' notice of when the aboveground storage tanks will be operational.

The contractor shall plan for and provide access to the travel plaza and temporary fuel systems for delivery vehicles (food, supplies, gas, diesel, maintenance, etc.).

The following is a list of major milestone activities required:

- Pick up, delivery and install of owner purchased above ground gas and diesel storage tanks, protective barrier, point of sale, and temporary lighting
- Install temporary kiosk (supplied by the Authority's fuel operator) including providing power and communication protective barrier and temporary lighting
- Decommission (including but not limited to all systems disconnected, lines and tanks drained and purged and prepped for removal and disposal) and remove underground gas and diesel tanks
- Take receipt of and install owner purchased underground gas and diesel tanks
- Take receipt of and install vendor supplied gas and diesel dispensers
- Design and install of diesel canopy

MAINE TURNPIKE AUTHORITY

Pre-Bid Conference

CONTRACT 2019.15

GRAY TRAVEL PLAZA
FUEL SYSTEM REPLACEMENT
MILE 58.8 NB

July 9, 2019, 10:00 AM

1. Location:

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

2. General Description:

The work consists of removing and replacing the underground gas and diesel storage tanks at the northbound travel plaza in Gray, providing final installation of temporary gas and diesel dispensers using owner supplied aboveground storage tanks, new gas and diesel islands, new diesel canopy, new fuel piping, associated electrical, mechanical, drainage, site work, 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) 482-8115.
- b. All questions on plans and specifications shall be in writing and shall faxed or emailed to Nate Carll of the Maine Turnpike Authority. Fax No. (207) 871-7739, email: ncarll@maineturnpike.com.

4. Notification:

Contractor shall notify and obtain approval from the Authority prior to visiting the Project site for field inspection. The contact person is Mr. Ralph Norwood at rnorwood@maineturnpike.com or (207) 871-7771, ext. 348.

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.

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

7. Permit Requirements (Special Provision 105.8.2)

- a. The LOD for this Contract has been estimated to be 0.65 Acres. A Notice of Intent (NOI) will not be submitted by the Authority to the DEP for coverage under the Maine Construction General Permit (MCGP).
 - b. A Contractor Limit of Disturbance Plan shall be submitted prior to any disturbance. This Plan shall be submitted for review and approval, to the Resident within 14 days of Contract award.
 - c. Compliance with the erosion and sedimentation control requirements outlined in this Contract is required by the Contractor. All applicable erosion and sedimentation control devices needed shall be detailed on the Contractor's LOD plan. Payment for creating, revising, and completing this plan shall be incidental to Item 659.10, Mobilization.
 - d. The Project will be performed in accordance with the MaineDOT Best Management Practices (BMP) latest issue.
8. Traffic Control (Supplemental Specification and Special Provision Section 652):
- a. All jobsite personnel shall wear a safety vest labeled as ANSI 107-2004 standard performance for Class 3 risk exposures at all times. This requirement also applies to truck drivers and equipment operators when out of an enclosed cab.
 - b. All vehicles used on the Project shall be equipped with amber flashing beacons in accordance with the Supplemental Specification 652.3.4. The requirements for flashing beacons has been revised and should be reviewed.
 - c. Access to the gas and diesel dispensers for fuel service, temporary or permanent, shall be maintained at all times.
 - d. The Contractor is responsible for supplying, inspecting and maintaining traffic control devices in accordance with the project specifications. Contractor is subject to Penalty Damages for violation(s) per Supplemental Specification 652 and Special Provision 652.
 - e. All signs, which do not apply to current construction activity, shall be 100% covered or removed in accordance with the plans.
 - f. All traffic control devices shall be NCHRP 350 compliant. 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.

Project Specific Items

9. Bid Opening

- a. Opening: July 18, 2019 at 11:00 A.M. at MTA Headquarters 2360 Congress Street, Portland

10. Construction Schedule/Prosecution of Work:

- a. July 25, 2019 – MTA Board to consider Contract Award
- b. Special Provision 107.1 – Contract Time and Contract Completion Date
 - i. The contractor will be permitted to construct these improvements in one of two timeframes:

- Starting on August 19th and being complete by November 22nd, 2019; however existing fuel dispensers, northerly truck stalls, and perimeter road shall remain in service until September 3or,
- starting on March 16th and being complete by June 19, 2020.

c. Special Provision 107.1.1 Substantial Completion

- i. A single 14-week timeframe is allotted for construction. Substantial Completion must be reached by November 22, 2019 or June 19, 2020 depending on the single 14-week selected for construction.
- ii. Supplemental Liquidated Damages of \$1,000 per day, on a calendar day basis in accordance with Subsection 107.8, shall be assessed for each calendar day that substantial completion is not achieved, as well as final completion, beyond the 14-week timeframe allotted for construction.

d. Prosecution of Work (Special Provision 107.4.6)

- (i) The following is a list of major milestone activities required:
 1. Pick up, delivery and install of owner purchased above ground gas and diesel storage tanks, protective barrier, point of sale, and temporary lighting
 2. Install temporary kiosk (supplied by the Authority's fuel operator) including providing power and communication protective barrier and temporary lighting
 3. Decommission (including but not limited to all systems disconnected, lines and tanks drained and purged and prepped for removal and disposal) and remove underground gas and diesel tanks
 4. Take receipt of and install owner purchased underground gas and diesel tanks
 5. Take receipt of and install vendor supplied gas and diesel dispensers
 6. Design and install of diesel canopy
 7. Decommission above ground tanks (including but not limited to removing fuel from tanks and lines, purging and prepping tanks and lines to accept a different fuel. Gas tank will be used for diesel and diesel tank will be used for gas.)
 8. Delivery of the decommissioned aboveground storage tanks.
- ii. The contractor will be required to decommission the aboveground tanks after completion of the project including but not limited to: removal of all fuel from the tanks and piping, cleaning of the two tanks and piping sufficient to allow the current diesel tank to accept a gasoline product and the current gasoline tank to accept a diesel product, and confirming that all system components are in good working order.
- iii. The Contractor shall submit to the Authority a construction schedule which shall document that the Contractor has the necessary labor and equipment to work immediately and continuously at the project site once the work area is closed to traffic. The intent of this specification is to minimize the amount of time for plaza disruption, while providing the Contractor sufficient time to complete the work in a diligent manner and to reopen the plaza parking, circulation, and fuel systems as prescribed by the project's Substantial Completion dates.

- iv. The Contractor shall plan the Phase 3 work, such that impacts to the truck parking stalls are minimized. The contractor will be given a maximum 2-week window in which the truck stalls may be taken completely out of service (24 hours per day) for contractor's use. Outside of this single 2- week window the contractor shall make these truck stalls accessible from 7pm to 7am each day. Supplemental Liquidated Damages of \$1,000 per day, on a calendar day basis, in accordance with Subsection 107.8, shall be assessed for each calendar day beyond the single 2-week window that the truck stalls are not accessible for a minimum of 7pm to 7am.

11. Special Provisions

a. Section 104.4.6 Utility Coordination

- i. Underground utilities are present within the work area at Service Plaza. The contractor is responsible for the identification of all utilities and for the resolution of utility conflicts.
- ii. A Preconstruction Utility Conference, as defined in subsection 104.4.6 Utility Coordination, is required.
- iii. Unless otherwise specified, any underground utility facilities shown on the project plans represent approximate locations gathered from available information. The MTA cannot certify the level of accuracy of this data.
- iv. Utility working days are Monday through Friday, conditions permitting. Times are estimated on the basis of a single crew for each utility. Any times and dates determined based on coordination with the utility owners are estimates only and are dependent upon favorable weather, working conditions, and freedom from emergencies. The Contractor shall have no claim against the Authority if they are exceeded.
- v. The Contractor shall plan and conduct his operations in accordance with the utility schedules developed. The Contractor must comply with all OSHA regulations pertaining to work adjacent to utility wires. The Contractor shall plan and conduct his work accordingly.
- vi. The Contractor will be responsible for maintaining the buried utility location markings following the initial locating by the appropriate utility or their designated representative.
- vii. The propane tanks shall be protected during excavations and all other operations during the construction timeframe.

b. Section 203 Excavation and Embankment

- i. There is potential that the soil surrounding the tank, which is to be removed during the existing tank removal and the tank installations may contain petroleum impacted soil and groundwater. Additionally, petroleum impacted soils and groundwater may also exist at the gas and diesel island locations. See Section 203.02 Potential Areas of Contamination in the Proposal for detailed discussion.
- ii. The contractor shall prepare a site-specific Health and Safety Plan and submit for review and approval prior to any excavation. See Section 203.06 Health and Safety/Right-to-Know for discussion in the Proposal.
- iii. Groundwater may be encountered during excavation for the tanks and utility work. If encountered and should its removal become necessary to complete work, it will be treated as "contaminated" water. See Section 203.07 Dewatering and Section 203.08 On-Site Water Storage Tanks - Materials for further discussion in the Proposal.

- c. Section 526 Concrete Barrier and Section 607 Fences
 - i. The Gray Service Plaza is a busy location with many patrons unfamiliar with regular traffic flow. This project will introduce construction traffic and temporary traffic control. In the interest of worker and public safety, Temporary Concrete Barrier Type I – Supplied By Authority, has been made part of the Contractor’s work. The contractor should review this work item.
 - ii. Similarly, the Contractor will be responsible for Section 607 Fences, which contains requirements for a free-standing 6-foot chain link safety fence.
- d. Section 604 Manholes, Inlets and Catch Basins (Oil-Water Separator)
 - i. The proposed oil-water separator shall be designed and stamped by a Professional Engineer licensed in the State of Maine and submitted to the Authority for approval.
- e. Section 634 Highway Lighting – Temporary Lighting
 - i. The contractor will be responsible for maintaining existing and providing temporary lighting for traffic circulation and temporary fueling, 24 hours per day.
 - ii. Interruption of Ramp lighting is permitted during daylight hours only.
 - iii. Temporary generators are not acceptable power sources for lighting.
- f. Section 652 Maintenance of Traffic
 - i. The contractor shall review the Plans, Sequence of Construction Notes, and Special Provisions for the multiple Maintenance of Traffic Phases and Construction Signage.
 - ii. Access to the gas islands and diesel islands, temporary or permanent, shall be maintained at all times. Access along Perimeter Road either along its current alignment or to and through the truck parking area on the north side of the facility shall be maintained at all times. See the MOT plans for detailed information on passage through the site during construction.
 - iii. The contractor shall work closely with the MTA Resident Engineer on setup and maintenance of all phases. Patron, CN Brown, and HMS Host traffic shall be maintained at all times.
 - iv. Portable variable message signs shall be set up on the Turnpike Mainline at least two weeks prior to the temporary fueling systems being operational.
- g. Section 800 Building and Structures (Gasoline and Diesel Facility Improvements)
 - i. The contractor shall not demolish or turn off the existing fueling system until the temporary fuel system is fully tested and operational.
- h. The contractor shall coordinate with CN Brown for the removal of dispensers and kiosk infrastructure.
- i. Section 800 Building and Structures (New Diesel Canopy)
 - i. The proposed canopy system and foundations shall be designed and stamped by a Professional Engineer licensed in the State of Maine.

- ii. The Canopy bid item includes design, detailing, fabrication, delivery, and construction of the: new canopies, associated foundations, electrical and communication facilities, fire suppression system, canopy lighting, drainage facilities, and all other incidentals necessary to complete the work in accordance with the Plans and these specifications.
 - iii. Clearance to the bottom of the fire suppression nozzles, from the ground, shall be 15'-6" minimum.
 - iv. Heat traces shall be commercial grade, shall be placed in and along the canopy gutters to 4' below slab grade and included in the system design (to include materials to be used) submitted for review and approval.
- j. Section 23 11 13 Facility Fuel System
- i. Contractor is responsible for full design of the entire fuel storage and dispensing systems. Designs shall be stamped and signed by licensed Professional Engineers in the State of Maine.
 - ii. Contractor shall develop design details for the complete new fuel systems, including but not limited to mechanical, electrical, and civil components, and make a minimum of two submittals for review, comment and approval prior to any operations on site; approximately at 90% and at 100% development. Construction shall not begin until approval is received from Maine Turnpike Authority.
 - iii. Contractor is responsible for all installation, testing and commissioning work for complete and operational aboveground and underground storage and dispensing fuel systems.
 - iv. Contractor is responsible for proper new tank registrations required by MaineDEP.
 - v. Contractor shall coordinate with CN Brown for delivery of temporary fuel system kiosks.
 - vi. Contractor is responsible for crane services and all other off-loading equipment necessary for the delivery of owner-furnished or CN Brown furnished equipment.
- k. Section 23 15 00 Fueling System Demolition
- i. This section includes demolition of the fuel system. Complete demolition shall include, but not be limited to, fuel draining, tank and line cleaning. The fuel system to be demolished is as indicated on the drawings.
 - ii. Submittals will include: Spill Prevention and Clean-up Plan, Oily Water and Waste Fuel Disposal Plan, Health and Safety Plan, and Fuel Tank and Line Cleaning Plan
 - iii. Contractor is responsible for proper Tank Removal notifications required by MaineDEP.

12. Questions

SIGN-IN SHEET
Please Print

July 9, 2019
Contract 2019.15 Gray Fuel System Replacement
Pre-Bid Meeting



Name	Company and/or Address	Phone	E-Mail
Dale Mitchell	HNTB	228-0897	damitchell@hntb.com
Mick Elliott	Shaw Brothers	839-2552	melliott@ShawBrothers.com
Weston Scott	Scott Const. Corp	899-5709	wscott@scottcon.com
Steve Perry	Sargent Corp.	827-4435	pdabary@sargent-corp.com
MICHAEL ROBINSON	SRS PETROLEUM	508-232-7406	michael@srs-petroleum.com
TODD GRIFFITH	G.I. DENSON	856-9990	tjose@gidenson.com
Fisher Moore	CPM Constructors	440-4458	amoores@cpmconstructors.com
Ralph Norwood	MTH	482-8348	rnorwood@mthekipike.com
Nate Corll	MTH	482-8115	ncorll@maineturnpike.com
Scott Wankel	MTH	482-8121	swankel@maineturnpike.com