

Contract No. 144457-Upgrade Auto Fuel System-Brewster & Harmon Yard Fuel Station
Request for Qualifications

APPENDIX C
SHORT PROJECT SCOPE

The purpose of this project is to replace two (2) Metro-North automotive refueling facilities located at Harmon Yard in Croton-on-Hudson, New York and Brewster Yard in Southeast, New York. This project will be a design-build project with a duration of 20 months.

The Design Builder shall perform design and construction tasks including, but not limited to:

- Produce and prepare 100% final design documents in full conformance with the 30% documents
- Obtain all construction and regulatory permits
- Prepare and obtain approval site civil shop drawings
- Decommission, demolish, and dispose of the existing fueling facilities/systems, underground storage tanks, piping, dispensers, pads, and canopies
- Conduct services as necessary for the remediation, restoration, and improvement of each site.
- Locate, protect, and relocate all utilities (including underground utilities) necessary to complete the work specified, and verify all field conditions and measurements.
- Construct (2) new refueling facilities, each including, but not limited to:
 - Pad and foundations for the tanks, dispensing area, and canopy.
 - Overhead canopy equipped with lighting and stormwater gutter system.
 - Two (2) diesel pump and dispensing stations, with extended reach hoses.
 - Two (2) unleaded gasoline pump and dispensing stations, with extended reach hoses.
 - Side mounted stairway and catwalk access to each tank.
 - Single-nozzle dispensers at each dispensing station with filters.
 - Digital metering and card swipe system for both diesel and gasoline fueling systems. The card swipe reader shall control access and be compliant with the existing MNR card swipe system.
 - Fuel management system, integrated with the card readers, for tracking tank product volumes delivered, stored and dispensed.
 - One (1) compressed air and one (1) water service reel.
 - Electric stationary air compressor to provide compressed air to service reels. The compressor may be located by the Manual transfer switch.
 - Under-canopy, tank mounted or tank integrated fill box with spill containment.
 - Fire protection, emergency fuel shut-off system, facility signage, and life safety equipment.
 - Tank monitoring and alarm systems, including a local annunciator panel.
 - Backup generator, with a manual transfer switch, to power the fueling facility, including all fuel dispensing, monitoring and alarm, and lighting systems.
 - All electronic and electrical equipment, controls, materials and wiring, and attachments needed to connect dispensers, pumps, tanks, and fuel tank monitoring and control systems.
 - All other fueling facility features required by local, state, and federal codes and regulations.
- Furnish all materials, equipment, and labor necessary to perform and complete all construction activities required for the project, except those items which are specifically designated to be the responsibility of others.
- Develop and implement a Commissioning Plan to verify and ensure the fueling facility/system is designed, installed, and calibrated to operate as intended prior to Metro-North acceptance of the new facilities.