

DATE: 06/30/2022

CONTRACT SOLICITATION NOTICE/PROJECT OVERVIEW

MTA-C&D IS NOW ADVERTISING FOR THE FOLLOWING:

SSE EVENT#: 0000401692

OPENING/DUE DATE: 07/29/2022

TYPE OF SOLICITATION: RFP

DOCUMENT AVAILABILITY DATE: 06/30/2022

SOLICITATION TITLE: 192229 Design-Build Services for Two Metro-North Railroad New Haven Line AC Substations and Mamaroneck and Harrison

DESCRIPTION: The Metropolitan Transportation Authority (“MTA”), by and through MTA Construction & Development Company (“MTA C&D”), will be issuing a two-step Request for Proposals (“RFP”) seeking entities interested in providing design-build services for two Metro-North Railroad New Haven Line AC Substations in Mamaroneck, NY and Harrison, NY. In the first step, MTA C&D will issue a Request for Qualifications (“RFQ”) seeking Respondents who are qualified and prepared in all respect to perform the work on schedule and within budget. In the second step, MTA C&D will issue an RFP for the Contract to the Respondents determined by MTA C&D to be qualified in the first step. This Contract is for design-build construction of two New Haven Line AC traction substations located at Mamaroneck and Harrison in New York. This includes upgrading the bare feeder wire to 500 kcmil that will connect the new Harrison substation to the existing substation 193 at Pike, and reconstruction of the catenary work on all four tracks at Mamaroneck to incorporate the air gap/overlap. The Design-Builder will be required to provide all planning, design, and engineering services as required for the proper and complete design and construction of the Project, including the final design of all plans, drawings, and technical specifications to meet MTA C&D’s requirements. It is anticipated that this contract will be funded in whole or part by federal grants.

Funding: 100% FTA
Months

Goals: 22.5% DBE

Est \$ Range: \$10M - \$50M Contract Term: 50

*****PLEASE SEE THE ATTACHED PROJECT OVERVIEW FOR ADDITIONAL INFORMATION*****

(x) PRE-BID CONFERENCE LOCATION:

DATE: 07/12/2022

TIME: 10:00AM

Virtual via Microsoft Teams- please contact the procurement rep at karl.smith@mtacd.org to register

() SITE TOUR LOCATION:

DATE:

TIME:

FOR MORE INFORMATION, PLEASE CONTACT:

PROCUREMENT REPRESENTATIVE: Karl Smith

EMAIL: karl.smith@mtacd.org

REQUIREMENTS TO PARTICIPATE

SYSTEM FOR AWARD MANAGEMENT (SAM): VENDORS ARE REQUIRED TO REGISTER WITH SAM, A FEDERAL VENDOR DATABASE USED TO VALIDATE VENDOR INFORMATION, BEFORE REQUESTING BID DOCUMENTS. YOU CAN VISIT THEIR WEBSITE AT www.sam.gov TO REGISTER. A DUNS NUMBER IS REQUIRED FOR REGISTRATION.

*****WE CANNOT PROCESS DOCUMENT REQUESTS WITHOUT A MTA BIDDER/SUPPLIER NUMBER. PLEASE ACCESS THE MTA VENDOR PORTAL, WWW.MYMTA.INFO, TO REGISTER AS A BIDDER*****

APPENDIX C SHORT PROJECT SCOPE

Metro North Railroad (MNR) seeks to build two New Haven Line AC traction substations at Mamaroneck (128) and Harrison (178) adjacent to the existing substations. This will be a Design-Build project with a duration of 50 months.

The Design-Builder shall perform the following pre-construction activities including, but not limited to, site surveys, final design, obtaining required regulatory permits, and preparation of all required specifications (including associated arc resistant switchgear, control equipment, riser structures, wash lines, SCADA and other required circuitry).

The Design-Builder will also be required to construct the substations. This will include, among other things:

- Site excavation and disposal of all unused soil per environmental guidelines.
- Installation of required underground electrical, signal, communication and utilities.
- Construction of all infrastructure necessary for each substation, such as preparation and/or construction of foundations/cable vaults/grading/structures, steel grating/platforms, prefabricated substation building, all substation equipment, duct bank infrastructure and interconnecting cables.
- Obtaining approval for each prefabricated substation and arranging for fabrication of same prior to delivery.
- Identification and commissioning of required electrical utility services.
- Performing a short circuit, protective relay/device coordination study, step and touch potential study and arc flash analysis by a licensed professional engineer in the State of New York.
- Testing and commissioning of each substation before connecting it to MNR's traction power system, with the ability to revert to existing substations' power in case of emergency.
- Obtaining approval for qualifications, and factory acceptance tests of, switch gears, breakers and other AC tractions substation related equipment.
- Disconnecting, demolition, and haul away of existing substation per MNR's directives.
- Upgrading the existing overhead bare feeder wires connecting the new Harrison substation to existing substation 193 at Pike (Harrison Tie feeder wires) to new bare 500 kcmil wires along the right of way.
- Performing air gap work catenaries of all four tracks at the Mamaroneck (128) substation, including the reconstruction of the catenary system at Mamaroneck to incorporate the Air Gap/Overlap.