

DATE: 04/25/2022

CONTRACT SOLICITATION NOTICE/PROJECT OVERVIEW

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

SSE EVENT#: 0000393805

OPENING/DUE DATE: 05/23/2022

TYPE OF SOLICITATION: RFP

DOCUMENT AVAILABILITY DATE: 04/25/2022

SOLICITATION TITLE: 171020 – Design-Build Services for the Replacement of the Park Avenue Viaduct-Phase 1

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 the replacement of the Park Avenue Viaduct - Phase 1. In the first step, MTA C&D will issue a Request for Qualifications ("RFQ") seeking Respondents who are qualified and prepared in all respects 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. The selected Design-Builder will replace the existing Metro-North railroad viaduct in its entirety from the north side of East 115th Street to the south side of East 123rd Street along Park Avenue in Harlem, NY. 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

Goals: 22.5% DBE

Est \$ Range: Over \$100M

Contract Term: 58 Months

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

(X) PRE-BID CONFERENCE LOCATION:

DATE: 5/4/2022

TIME: 10:00AM

Virtual via Microsoft Teams- Please contact the procurement rep at Jayesh.mehta@mtacd.org to register

() SITE TOUR LOCATION:

DATE:

TIME:

FOR MORE INFORMATION, PLEASE CONTACT:

PROCUREMENT REPRESENTATIVE: Jayesh Mehta

EMAIL:

jayesh.mehta@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*******

PROJECT SCOPE

The purpose of this project “Replacement of the Park Avenue Viaduct – Phase 1” is to replace the existing Metro-North railroad viaduct in its entirety from the north side of East 115th Street to the south side of East 123rd Street along Park Avenue in Harlem, NY (“Project”). The Project may also include an option, exercisable by the MTA in its sole discretion, for the replacement of other segments of the viaduct from East 127th Street to East 132nd Street (“Phase 2”).

This section of the Viaduct is an elevated steel structure which carries four third-rail powered tracks over Park Avenue. All trains from the Hudson, Harlem, and New Haven lines must cross this Viaduct to enter Grand Central Terminal. Approximately 750 trains per day traverse the Viaduct and the daily ridership from the three East of Hudson lines over the Viaduct is in the hundreds of thousands of customers per day.

Subject to supplementation and modification in the RFP, 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. The required engineering services shall include, without limitation, all Track and Systems (including direct fixation fastener system), Power, Communication and Signals, Bridge and Other Structures, Geotechnical, and Civil specialties as are necessary for the successful completion of Contract 1000171020. The Design-Builder shall also provide project management services, superintendence, construction inspection, quality assurance/control, public outreach support, labor, materials, tools, equipment and other related services as are necessary.

The Design-Builder shall utilize the Preliminary Design Package developed by MTA C&D. This Preliminary Design Package provides technical direction, criteria, and guidance for the Project and will be issued with the formal RFP.

The Design-Builder will be required to advance the design of the Project from preliminary to 100% Final Design level and assume the responsibility of Engineer of Record for all design. Site construction requirements shall require the Design-Builder to provide, at a minimum, project engineering, site preparation, construction related works, project controls, safety controls, quality assurance/control and management.

The Design-Builder shall be responsible for the following tasks including, but not limited to:

- Staged demolition of the existing structure and all ancillary components
- Design and Construction of all Project components including, but not limited to, foundations, substructures, superstructure, drainage, track and systems (including direct fixation fastener system), communication and signals, traction power, utility relocations and Work Zone Traffic Control
- Project design and construction management
- Coordination with MTA regarding outages
- Accelerated bridge construction within allowable weekend track outages, with the potential of extended outages, and provide timely return of railroad tracks back to revenue service after track outages
- Support to Project-related public information activities
- Coordination with Project stakeholders, other contractors and utility owners

- Design and Construction Quality Control and Assurance
- Construction Inspection
- Laboratory Testing of Materials
- Environmental mitigation and compliance including monitoring, and securing permits and approvals necessary for the work
- Vibration monitoring
- Additional investigations, permitting and monitoring associated with or resulting from the Design-Build Proposer's actions including but not limited to staging areas, haul routes and other activities necessary for construction
- Work Zone Traffic Control including the design and construction of temporary traffic signals and maintenance of access to properties
- Project safety and security
- Surveys and geotechnical investigations
- Harmful and hazardous materials remediation
- Drainage and erosion control and stormwater pollution prevention plan (SWPPP) documentation preparation
- Excess material disposal and handling
- Required clearances, licenses, construction easements and permits for Design-Builder's work sites, staging areas, temporary works access, storage areas, etc., both on and off site
- Ancillary work, such as access roads, driveways, temporary fencing, relocation of drainage, and work sites
- Coordination and relocation of utilities as needed
- Site clearance
- Maintenance of the Project during the Contract period
- Operations and maintenance manuals, as-built drawings, and records of the new construction