

DATE: 11/09/2022

CONTRACT SOLICITATION NOTICE/PROJECT OVERVIEW

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

SSE EVENT#: 0000417918

OPENING/DUE DATE: 01/30/2023

TYPE OF SOLICITATION: RFP

DOCUMENT AVAILABILITY DATE: 11/09/2022

SOLICITATION TITLE: S48019 Design-Build Services for Communication Based Train Control Fulton Line in Brooklyn

DESCRIPTION: Under this Request for Qualifications (“RFQ”), the MTA Construction & Development Company (“MTA C&D”), acting as an agent of and on behalf of the Metropolitan Transportation Authority (“MTA”), invites interested design build teams to submit statements of qualifications (“SOQs”) for Contract S-48019, Design-Build Services for Fulton Line CBTC. Respondents that are selected by MTA C&D in the RFQ process will be eligible to participate in the upcoming Request for Proposals for Contract S-48019. MTA C&D intends to award two related contracts at the conclusion of the RFP process : (i) a design-build contract for design, fabrication, installation of the CBTC system on the Fulton Line and (ii) a CBTC maintenance contract for the CBTC system provided by the design-build contract.

Funding: 100% MTA
72 Months

Goals: 7 MBE; 7% WBE; 1% SDVOB

Est \$ Range: Over \$100M

Contract Term:

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

() PRE-BID CONFERENCE LOCATION:

DATE:

TIME:

() SITE TOUR LOCATION:

DATE:

TIME:

FOR MORE INFORMATION, PLEASE CONTACT:

PROCUREMENT REPRESENTATIVE: Fabrizio Raho

EMAIL: fabrizio.raho@mtacd.org

REQUIREMENTS TO PARTICIPATE

SYSTEM FOR AWARD MANAGEMENT (SAM): VENDORS ARE REQUIRED TO REGISTER WITH SAM, A FEDERAL VENDOR DATABASE USED TO VALIDATE VEDNDOR 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*******

Contract No. S-48019 Project Overview

1. Introduction to the Project

Through this procurement process, MTA C&D seeks to identify and engage a qualified Design-Builder to perform design, fabrication, track signaling, construction and installation Work under the terms of Contract S-48019 which calls for replacing the current signaling system from tracks A3 and A4 on the 8th Avenue A/C/E line from immediately north of the High Street Station to south of the Euclid Avenue interlocking; and tracks B1 and B2 on the 6th Avenue “F” line and Crosstown “G” line, from north of the York Street Interlocking to Bergen Street Station on the upper and lower levels (the “Fulton Line”), with a train control system based on MTA’s I2S CBTC interoperability standard. The Design-Builder will also be required to provide new or update existing rooms or enclosures in stations on the Fulton Line to create train control rooms to contain the train control system equipment supplied by the Design-Builder. The Design-Builder will be responsible for all aspects of design, engineering, scheduling, coordination, construction, train control system equipment fabrication and installation and timely completion of the project.

2. Contracting Methodology

The Design-Build Contract will be awarded as a design-build lump sum contract. The Design-Build Contract award will be made to the Shortlisted Respondent, in its capacity as a Proposer under the RFP, that submits the Proposal that MTA C&D determines, in its sole discretion, offers the best value, based on an evaluation of qualitative factors, including cost, schedule and technological innovation.

MTA C&D will award a separate long-term maintenance contract (the “CBTC Maintenance Contract”) for the train control system equipment installed under the Design-Build Contract to the CBTC supplier that is part of the Proposer team that is awarded the Design-Build Contract. Procurement of the CBTC Maintenance Contract in conjunction with procurement of the Design-Build Contract, is intended to ensure consideration of long-term maintenance and life-cycle costs of the train control system equipment to be supplied under the Design-Build Contract.

3. Elements of the Project Work

Key elements of the Design-Build Contract work will include:

- Providing a wayside CBTC-based train control system on the Fulton Line that replaces all existing signaling functions and equipment and is fully interoperable with CBTC-equipped trains that operate on the Fulton Line and on the existing Automatic Train Supervision system deployed on NYCT’s “B” Division (NYCT’s lines operating with lettered service, A, B, C etc.).
- Expanding the existing Automatic Train Supervision system for the “B” Division, at NYCT’s Rail Control Center in Manhattan and Backup Rail Control Center in Brooklyn, to include the Fulton Line.
- Providing software based, local control panels connected directly to the train control system equipment on the Fulton Line to provide independent redundant control of the train control system.
- Providing a maintainer local control panel in each train control room that allows the maintainer to control the train control system field equipment, locally perform fault finding diagnostic test, and train control system administration, including document control.
- Providing new or updating existing rooms and enclosures in the stations on the Fulton Line to contain the train control system equipment provided by the Design-Builder.
- Providing a complete axle counter system for the Fulton Line.
- Providing all supporting systems required for operation of the train control system, including but not limited to, utilities, mechanical and civil work, power supply, cabling, raceways and associated signaling equipment.

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The Design-Builder will be required to furnish, install, test and commission a complete, failsafe, redundant CBTC-based train control system that operates in accordance with New York City Transit's technical baseline consisting of functional specifications, design standards and I2S interface standard. The Design-Builder will be required to provide all planning, design, engineering, and construction services to complete the work on time and within budget.

4. Procurement Process

The procurement process will consist of two steps: (i) the Request for Qualifications; and (ii) the Request for Proposals as described in further detail below.

- A. Pursuant to the Request for Qualifications ("RFQ"), MTA C&D will invite entities or groups of entities interested in competing to perform the work to submit Statements of Qualifications that detail, among other things, their qualifications and preparedness to formally submit proposals for the Contract.
- B. After shortlisting but prior to issuance of a final RFP, MTA C&D may, at its discretion, issue a draft RFP to the Shortlisted Respondents and carry out a series of one-on-one discussions with the Shortlisted Respondents in order to solicit feedback on the draft RFP. This draft RFP would include a draft form of Contract.
- C. With or without issuance of a draft RFP, the second step in the procurement process will involve inviting the Shortlisted Respondents to respond to the RFP. Through the evaluation of the Proposals submitted in response to the RFP, MTA C&D intends to ultimately select the Shortlisted Respondent whose Proposal, in MTA C&D's discretion, represents the best value to MTA C&D based on an evaluation of pricing and qualitative factors. While price will be a factor in the evaluation, design, technical innovation and approach and other qualitative factors will also be considered in determining best value.
- D. The purpose of the RFP will be to allow MTA C&D to select the Design-Builder for award of the Design-Build Contract and CBTC Maintenance Contract. The RFP will provide specific instructions on required submittals, the evaluation factors, the objectives and requirements for evaluation, and the evaluation criteria for the RFP step of the procurement.
- E. During Step 2, MTA C&D will offer a stipend to Shortlisted Respondents that submit Proposals responsive to the RFP requirements but are not awarded a contract.

5. RFQ Availability

The RFQ documents will be made available to all prospective Respondents on or about **November 9, 2022**. In order to obtain the RFQ documents, prospective Respondents need to complete and submit the Contract Document Order Form to SolicitationDocs@mtacd.org. After the order form is processed, prospective Respondents will be notified and instructed to log in the MTA Vendor Portal, www.mymta.info, and download the RFQ documents.

IMPORTANT:

1. Vendors' contact information must be updated in the Supplier Portal in order to receive notifications regarding this solicitation.
2. New Vendors must first complete the registration process in order to obtain the RFQ documents. To register log in the MTA Vendor Portal, www.mymta.info, selecting Vendor Sign-in & Registration, select New Bidder Registration and then follow the on-screen instructions.

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6. Evaluation of SOQs

As described in more detail in the RFQ, SOQs will be evaluated to establish a shortlist of qualified Respondents. MTA C&D anticipates using a pass/fail process that incorporates qualitative assessments to evaluate the SOQs. Each Respondent's SOQ will be evaluated utilizing the following Threshold Evaluation criteria (pass/fail criteria) and Substantive Evaluation criteria for compliance with the SOQ submittal requirements:

A. Threshold Evaluation Criteria

- i. **Completeness:** The SOQ conforms to the RFQ requirements and includes all materials required by the RFQ.
- ii. **Timeliness:** The SOQ was submitted on or before the SOQ Due Date.
- iii. **Capacity:** The Respondent has presented evidence that its organization has the legal capacity to enter into and perform the Design-Build Contract and CBTC Maintenance Contract, and to design and build the Project and comply with New York licensing requirements.
- iv. **Responsibility:** Neither the Respondent nor any Major Participant is currently disqualified, removed, debarred, or suspended from performing or bidding on work for the United States government, any state or territory of the United States, or any New York local government; and demonstrates responsibility based on any publicly available reports and filings, reference checks as applicable, and company or court records or other internal MTA documents that are available to MTA C&D.
- v. **Bonding Capacity:** Respondent has provided a letter from an eligible Surety to satisfy the requirements set forth in Section 9.9 that demonstrates that the Respondent has available bonding capacity at least commensurate with the Work.

B. Substantive Evaluation Criteria

- i. **Team, Key Personnel, and Organization:**
 - a. the demonstrated qualifications and experience of the proposed Key Personnel;
 - b. the demonstrated capability and experience of the proposed management team, including the ability to manage all aspects of the Design-Build Contract and successfully integrate the various Major Participants; and
 - c. organizational capacity to ensure sufficient staffing to perform the design and construction work.
- ii. **Understanding of and Preliminary Approach to the Work:** The extent to which a Respondent demonstrates an understanding of, and approach to, the development, design, and construction of the Project including unique issues, specific risks, and any challenges associated with the Project, and maintenance of the CBTC equipment.
- iii. **Prior Experience:** The extent and depth of each Major Participant's experience with projects of a similar size, type, and complexity, including the Reference Projects.
- iv. **Past Performance:** Demonstrated record of performance of all Major Participants including:

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- a. completion of contracts on schedule;
 - b. quality of work product; and
 - c. completion within budget.
- v. **Diversity Compliance:** Respondent's record of successful MWBE, DBE, or SDVOB usage on past and current projects, and organizational commitment as demonstrated by policies, internal structures, and practices.

7. Experience and Performance of Respondent Teams

- A. During the RFQ process, MTA C&D will identify Respondents with demonstrated experience, expertise, capacity, and record of producing quality work on projects similar in nature to the Project, including:
- a. a Designer and Construction Contractor with:
 - i. experience in successfully managing, designing and constructing projects of the size, type and complexity as reflected in the scope of Work and anticipated for the Project;
 - ii. a record of completing contracts on time and within budget;
 - iii. technical and management experience and expertise to plan, organize and execute the design and construction and assure the quality and safety of the Work; and
 - iv. qualified Key Personnel with experience managing and performing work in active rail and transit station environments, including without limitation, project managers, construction managers, design consultants, safety managers, and quality managers.
 - b. a CBTC supplier with:
 - i. experience in successfully, designing, furnishing and maintaining a CBTC system and equipment, with such performance and technical specifications, for such purposes, and in environments similar to those reflected in the scope of Work and anticipated for the Project;
 - ii. a record of completing contracts (including, as applicable, as a prime or subcontractor) on time and within budget;
 - iii. experience in and a record of providing long term warranties, maintenance and support to project owners;
 - iv. technical and management experience and expertise to plan, organize and execute the relevant parts of the Work and assure quality and safety of the Work; and
 - v. qualified key personnel with experience managing and performing work in the environments similar to those reflected in the scope of Work.

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8. General Limitations on Respondent Team Membership

- A. Subject to Section 9 and in addition to any other restriction or qualification on Respondent team membership and on the inclusion of Major Participants and Key Personnel:
- a. with the exception of the Designer or their Affiliates:
 - i. no Major Participant shall participate on more than one (1) Respondent team;
 - ii. no Affiliate of any Major Participant shall participate on another Respondent's team;
 - iii. notwithstanding the foregoing, while the CBTC Supplier may only participate as a Major Participant/CBTC Supplier on one (1) Respondent team, it may also participate as a non-Major Participant subcontractor for non-CBTC track and signaling work on additional Respondent teams.
 - iv. Affiliated entities shall not participate on separate Respondent teams;
 - v. with the exception of the CBTC Supplier, no firm that employs one or more of the individuals named as Key Personnel on one (1) Respondent team may serve any role on another Respondent team; and
 - vi. no individuals serving a Key Personnel role on one (1) Respondent team may serve any role on another Respondent team.
 - b. Respondents and Major Participants that are not selected as a Shortlisted Respondent are not restricted under this Section 8 solely on the basis of having been a member of such unsuccessful Respondent team.

9. Proposed Engagements with Duplicate Major Participants

- A. Each Respondent may only identify and propose a single entity for each Major Participant in its SOQ, for which purposes a Joint Venture will be considered to be a single entity.
- B. Notwithstanding the foregoing restriction, a Respondent may include in its SOQ two (2) proposed Designers as alternatives.

10. Limitations on Exclusivity

Designers or their Affiliates, and CBTC Suppliers participating as a non-Major Participant that are not prohibited from participating on more than one (1) Respondent team under Section 6.2, may participate on more than one (1) Respondent team subject to compliance with the following requirements in order to protect the integrity of the procurement process:

- A. The engagement of a CBTC Supplier as a non-Major Participant or Designer or any of their Affiliates by two (2) or more Respondent teams shall be subject to:
- i. the disclosure to all relevant Respondent teams that such entities and personnel are engaged by another Respondent team;
 - ii. the institution of Information Barriers acceptable to MTA C&D; and
 - iii. the prohibition of any such entity and their personnel sharing information (or being asked by a Respondent team to share information) regarding the procurement, and the Design-Build Contract.