

DATE: 05/13/2022

CONTRACT SOLICITATION NOTICE/PROJECT OVERVIEW

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

SSE EVENT#: 0000396340

OPENING/DUE DATE: 06/24/2022

TYPE OF SOLICITATION: RFP

DOCUMENT AVAILABILITY DATE: 05/13/2022

SOLICITATION TITLE: W32808 Design-Build Services for Public Address/Customer Information Sign (PA/CIS) Upgrade: Canarsie Line

DESCRIPTION: . The Metropolitan Transportation Authority (“MTA”), by and through the MTA Construction & Development Company (“MTA C&D”), seeks to identify and engage a qualified Design-Builder to perform the design and construction Work under the terms of Contract W32808, which calls for the replacement or upgrade of the Public Address/Customer Information Signs (“PA/CIS”) System. Work will be performed at MTA subway stations and other facilities in the Boroughs of Brooklyn and Manhattan. The purpose of this Project is to replace or upgrade the current PA/CIS system, which is reaching end-of-life or obsolete and is needed to provide accurate information about transit service and improve customer experience. Respondent will be provided the opportunity to replace systems and subsystems in the scope of Work with equipment that has same/similar performance or present options for upgrade to MTA. Significant portions of the Work will be performed in public areas which will require scheduling that minimizes impact to customers and newly installed equipment will be ADA-compliant.

Funding: 100% MTA
Contract Term: 56 Months

Goals: 15% MBE; 15% WBE; 6% SDVOB

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

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

(X) PRE-BID CONFERENCE LOCATION:

DATE: 06/03/2022

TIME: 10:00AM

Virtual via Microsoft Teams- Please contact Charlene Cox at charline.cox@mtacd.org to register

() SITE TOUR LOCATION:

DATE:

TIME:

FOR MORE INFORMATION, PLEASE CONTACT:

PROCUREMENT REPRESENTATIVE: Charlene Cox

EMAIL: charlene.cox@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 OVERVIEW

1. Project Description

The Work under Contract W-32808 is for design-build services for the replacement or upgrade of the Public Address/Customer Information Signs (“PA/CIS”) System. Work will be performed at MTA subway stations and other facilities in the Boroughs of Brooklyn and Manhattan.

2. Background Information

The purpose of this Project is to replace or upgrade the current PA/CIS system, which is reaching end-of-life or obsolete and is needed to provide accurate information about transit service and improve customer experience. Respondent will be provided the opportunity to replace systems and subsystems in the scope of Work with equipment that has same/similar performance or present options for upgrade to MTA. Significant portions of the Work will be performed in public areas which will require scheduling that minimizes impact to customers and newly installed equipment will be ADA-compliant.

3. Project Scope of Work

Project scope of Work focuses on three (3) main areas, Station Communications Rooms, Station Platform, Control and Dispatcher Areas, and Interface Software:

- A. Station Communications Rooms: Respondent will be required to provide new telecommunication cabinets to replace the existing cabinets. Telecommunication cabinets should occupy the same or smaller physical dimensions as the existing cabinets; new cabinets that exceed current dimensions may require alteration of rooms, which will be considered part of the Work. All equipment and materials associated with the existing telecommunication cabinets (e.g. – conduits, cables, peripheral devices, etc.) will be removed and replaced.

Telecommunication cabinets will have same or similar functionalities as existing cabinetry, but Respondent will investigate opportunities to optimize subcomponents (e.g. – improve processors and memory, reduction of amplifiers, virtualization, etc.) Auxiliary fail-over panel (AFP) will be replaced and upgraded.

Communication rooms will additionally require replacement or upgrade of the existing uninterrupted power supply and replacement or upgrade of the HVAC system (including, but not limited to, fans, air conditioners, split A/C systems, and hydrogen ventilation).

- B. Station Platform, Control and Dispatch Areas: Respondent will install new Customer Information Signs and new Next Train Signs and remove the existing equipment. Respondent will also be upgrading speakers, microphone systems (TBMS, LDMS), and provide wireless microphone systems (WMS). Respondent will additionally replace the CCTV System at the Bushwick Avenue Station (see Table 1 for list of stations where Work will be performed):

Table 1

#	MR	Station	Line	Platform type	Station type	Notes
1	115	8th Avenue (Canarsie)	L	Island	Underground	8th Avenue Combo Station
2	116	6th Avenue (Canarsie)	L	Island	Underground	
3	117	Union Square	L	Island	Underground	Union Square Complex
4	118	3rd Avenue	L	2 Side Platforms	Underground	
5	119	1st Avenue	L	2 Side Platforms	Underground	
6	120	Bedford Avenue	L	Island	Underground	
7	121	Lorimer Street	L	2 Side Platforms	Underground	Metropolitan Combo Station
8	122	Graham Avenue	L	2 Side Platforms	Underground	
9	123	Grand Street	L	2 Side Platforms	Underground	
10	124	Montrose Avenue	L	2 Side Platforms	Underground	
11	125	Morgan Avenue	L	2 Side Platforms	Underground	
12	126	Jefferson Street	L	2 Side Platforms	Underground	
13	127	DeKalb Avenue	L	2 Side Platforms	Underground	
14	128	Myrtle Avenue	L	Island	Underground	Myrtle/Wycoff Combo Station
15	129	Halsey Street	L	2 Side Platforms	Underground	
16	130	Wilson Avenue	L	2 Side Platforms (1 at each level)	Elevated (southbound) Covered at-grade (northbound)	
17	131	Bushwick Avenue	L	2 Side Platforms	Underground	
18	132	Broadway Junction	L	1 island platform 1 side platform (southbound only)	Elevated	Broadway Junction Complex
19	133	Atlantic Avenue	L	1 island platform (in service), 1 island platform (abandoned)	Elevated	
20	134	Sutter Avenue	L	2 Side Platforms	Elevated	
21	135	Livonia Avenue	L	2 Side Platforms	Elevated	
22	136	New Lots Avenue	L	2 Side Platforms	Elevated	

23	137	East 105th St.	L	Island	At-grade	
24	138	Rockaway Parkway	L	Island	At-grade	
25	166	14th Street, 8th Avenue	A/C/E	2 Side Platforms	Underground	8th Avenue Combo Station
26	015	14th Street, Union Square	N/R/Q/W	2 Platforms	Underground	Union Square Complex
27	285	Metropolitan	G	Island	Underground	Metropolitan Combo Station
28	112	Wycoff Avenue	M	Island	Elevated	Myrtle/Wycoff Combo Station
29	092	Broadway Junction	J/Z	Island	Elevated	Broadway Junction Complex
30	184	Broadway Junction	A/C	Island	Underground	Broadway Junction Complex

- C. Interface Software: Respondent will design/develop a new application programming interface to bi-directionally transmit message-based train information between the existing Canarsie Line communication based train control (CBTC) or automatic train supervision system (ATS) and the system headend for the PA/CIS. This software will allow for the seamless transmission of data from the CBTC/ATS, including train schedule, arrival, departure, movement, status, and other information. Software will be first implemented in a virtual environment that fully simulates CBTC/ATS messages to the system headend for the PA/CIS.

4. Summary of Design-Builder Responsibilities

Subject to the requirements of the RFP, the Design-Builder will be required to provide all planning, design, engineering, and construction services to complete the Work on time and within budget.