



Construction & Development

DATE: 6/11/2026

CONTRACT SOLICITATION NOTICE/PROJECT OVERVIEW

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

SSE #: 0000548283

OPENING/DUE DATE: 7/16/2026

TYPE OF SOLICITATION: RFP

DOCUMENT AVAILABILITY DATE: 6/11/2026

SOLICITATION TITLE: Design-Build Services for West Hempstead & Winfield Substation Replacements

DESCRIPTION: The Metropolitan Transportation Authority (“MTA”), by and through the MTA Construction and Development Company (“MTA C&D”), will be issuing a two-step Request for Proposals (“RFP”), in order to identify and engage a qualified Design-Builder to design and install a new LIRR Substation Headquarters at West Hempstead and two new Traction Power Substations (“TPSS”), one at West Hempstead and one at Winfield, to replace the existing substations that are beyond their useful life. Respondents that are selected in the first step of the solicitation, the Request for Qualification (“RFQ”) process, will be eligible to participate in the upcoming second step, the Request for Proposal (“RFP”) process. MTA C&D intends to award a design-build contract at the end of the RFP process.

This Contract is not federally funded.

**** See attached for additional information****

Funding: 100% MTA Est \$ Range: \$100M+ Goals: MBE: 15% WBE:15% SDVOB:6%
Contract Term: 1,004 Calander Days

PRE-BID CONFERENCE

DATE: 6/25/26

TIME: 10:00AM

Virtual Via Microsoft Teams- Please register with Alexander Wanless at alexander.wanless@mtacd.org

SITE TOUR

DATE:

TIME:

There will be an informational meeting for this procurement to be held on a date, time, and location specified in the RFQ

FOR MORE INFORMATION, PLEASE CONTACT:

PROCUREMENT REPRESENTATIVE: Alexander Wanless

EMAIL:
Alexander.wanless@mta
cd.org

**Contract No. 6541
Project Overview**

1. Introduction to the Project

The Design-Builder for Contract 6541 will design and install a new LIRR Substation Headquarters at West Hempstead and two new Traction Power Substations (“TPSS”), one at West Hempstead and one at Winfield, to replace the existing substations that are beyond their useful life. The Work includes but is not limited to site preparation; grading; asbestos and lead abatement; demolition of the existing substations; and installation of new transformers, AC and DC switchgears, rectifiers, control cabinets, PSEG and Con Ed service feeders, motor generators and other associated equipment.

2. Contracting Methodology

The Contract will be awarded as a lump sum price design-build contract with certain components of the Work to be paid on a fixed unit price basis 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, to offer the best value based on an evaluation of qualitative factors, including cost and schedule, following the two-step solicitation process described in Section 1.3 of the RFQ and Section 4 below. Contracting on a design-build basis is intended to encourage development of innovative designs, planning, and logistics while also optimizing the sharing of risk related to the Work.

3. Project Scope/Description

The Design Builder will design, fabricate, deliver, complete on-site assembly, testing and commissioning of the two new substations and motor generators, one at West Hempstead and one at Winfield, to replace the existing substations that are beyond their useful life. Additionally, the Design-Builder shall design and construct new OSHA and ADA-compliant employee facilities for LIRR substation personnel with furnishings at West Hempstead Substation.

The Work of Contract 6541 will take place at the following locations:

- i. West Hempstead – Located at the West Hempstead Branch, Town of Hempstead, Nassau County.
 - (a) West Hempstead services two tracks: West Hempstead No. 1 and No.2
- ii. Winfield – Located between the Mainline and Port Washington Branches, Woodside Queens NY.
 - (a) Winfield Substation services 6 tracks: Port Washington No. 1 and No.2 and Mainline No.1, No.2, No.3, and No.4

General Description of Work

The Work includes but is not limited to:

- i. Site Surveys.
- ii. Site preparation and grading
- iii. Testing and abatement of asbestos and lead.
- iv. Decommission each substation. Demolition and disposal of the existing substations, materials, and equipment.
- v. New underground utilities and manhole systems.
- vi. New structural foundations and superstructure elements.
- vii. New prefabricated modular traction power substations with pre-installed AC switchgear, rectifiers, DC switchgear, control cabinet and associated equipment.
- viii. New OSHA and ADA-compliant employee facilities for LIRR substation personnel with furnishings at West Hempstead Substation.
- ix. New motor generator within each substation building.

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- x. New high voltage, oil filled transformers to be installed outside the modular substation building with oil containment.
- xi. High and low voltage electrical and mechanical upgrades.
- xii. PSEG service feeders for West Hempstead.
- xiii. Con Ed service feeders for Winfield.
- xiv. Programming and testing.
- xv. Site work improvements.
- xvi. Fire Alarm and Detection System
- xvii. Heating and Ventilation System
- xviii. Intrusion alarm
- xix. Interior and exterior Lighting
- xx. High security fencing
- xxi. Two fenced LIRR Storage Areas.
- xxii. Bird deterrent at new Substation elements and new structures.
- xxiii. Doors, door frames, and door hardware. Exterior doors shall contain access card readers.

Traction Power Substation Work Elements

The Work to be performed for the substations includes:

- i. All incoming medium and low voltage cabling infrastructure, including conduits, cables, manholes, and termination hardware.
- ii. All internal traction power and signal power equipment (complete). This includes ac switchgear, transformer units (indoor), Rectifier transformers (outdoor), dc switchgear, SCADA equipment, pilot wire system, protective/control relays, HVAC, auxiliary power systems, station battery equipment, lighting, motor generator, and signal power transformers
- iii. All material and equipment outside the building and anything routed from outside the substation to the interior; e.g., positive, negative and DRI duct banks
- iv. All 3rd rail distribution system equipment, third rail switch boxes, load break electrically operated switches, negative reactors, conduit and cabling from substation to negative reactors and electrically operated switches
- v. A new ground grid system at each substation.
- vi. All manhole, pull boxes, conduits, poles, raceways for traction power, signal power system, and communications cables (medium voltage, auxiliary power, positive, negative and control cables, etc.).
- vii. Provide equipment, software, and programming for Programmable Logic Control / Supervisory Control and Data Acquisition ("PLC/SCADA") system and DC Multi-function Protection Relays ("MPR's").
- viii. Factory and field testing of all equipment related to Traction Power and Signal Power components.
- ix. New waterproofed foundations for prefabricated modular buildings.
- x. Concrete pads for all associated supporting equipment.
- xi. Oil water separator for transformer oil catch basin.

Substation Crew Headquarters at West Hempstead

- i. A new single story substation crew headquarters building containing the following"
 - (a) Men's locker room: lockers and benches to accommodate 6 people.
 - (b) Women's locker room: lockers and benches to accommodate 6 people.
 - (c) Two (2) ADA complainant unisex restrooms. Toilet facilities shall have hot and cold running water.
 - (d) An Office (Minimum 10'x10').

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- (e) A common work Area/conference room:
 - (i) Conference table with six (6) person capacity.
- ii. All other equipment and furnishings required for the new OSHA and ADA complaint substation crew headquarters.

4. Procurement Process

- A. The procurement process for the Contracts consists of two steps: (i) the Request for Qualifications and (ii) the Request for Proposals, as described in further detail below:
 - i. This Step 1, the RFQ, invites interested teams (each, a “Respondent”) to submit SOQs that detail, among other things, their qualifications, capability, capacity, and experience to perform the Work.
 - ii. MTA C&D will evaluate all SOQs received in accordance with the criteria set out in this RFQ. Based on its evaluation, MTA C&D will select up to four (4) Respondents (the “Shortlisted Respondents”) that it has deemed, in its sole discretion, to possess the capability, capacity, and experience necessary to undertake and successfully complete the Work. Only the Shortlisted Respondents will be eligible to participate in the second step of the procurement process, the Request for Proposals (“RFP”).
 - iii. In Step 2, MTA C&D will issue the RFP to invite the Shortlisted Respondents as proposers (“Proposers”) to submit Proposals. MTA C&D will evaluate each Proposal received in accordance with the RFP requirements and select the Proposal that, in MTA C&D’s sole discretion, represents the best value to MTA C&D. While price will be a factor in the evaluation, design, technical approach, and other qualitative factors will also be considered. Schedule will be a major determinative element in awarding the Contract.
 - iv. The RFP will provide specific instructions on the submission requirements and the evaluation factors for the Proposals.
 - v. Prior to issuing the RFP, MTA C&D may, in its discretion, issue a draft of the RFP to the Shortlisted Respondents to solicit feedback. MTA C&D reserves the right to conduct one-on-one discussions with each Shortlisted Respondent to obtain such feedback.
 - vi. During Step 2, the Shortlisted Respondents may be given the opportunity to attend a Site Tour at the location(s) where the Work will be performed.
 - vii. During Step 2, MTA C&D will offer a stipend to Shortlisted Respondents that submit Proposals that are responsive to the RFP requirements but are not awarded the Contract.
- B. All SOQs shall be submitted electronically to MTA C&D by the SOQ Due Date set forth in Section 1.5 of the RFQ in accordance with the instructions for electronic submittals set forth in Section 10.3.D of the RFQ.

5. RFQ Availability

The RFQ documents will be made available to all prospective Respondents on or about June 11, 2026. 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

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Respondents will be notified and instructed to log in the MTA Vendor Portal, www.mymta.info, and download the RFQ documents.

IMPORTANT:

Vendors' contact information must be updated in the Supplier Portal in order to receive notifications regarding this solicitation.

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.

6. Evaluation of SOQs

As described in more detail in the RFQ, SOQs will be evaluated to establish a shortlist of qualified Respondents. Each Respondent's SOQ will be evaluated on a pass/fail basis for compliance with the SOQ submittal requirements, including:

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 and time.
- iii. **Capacity:** The Respondent has presented evidence that its organization has the legal capacity to enter into and perform the Contract, to design and build the Contract and to 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. **Financial Capability:** Respondent has demonstrated financial strength sufficient to complete the Contract and has provided a letter from an eligible Surety to satisfy the financial requirements set forth in Section 10.9 of the RFQ.

A. Substantive Evaluation Criteria.

- i. **Team, Key Personnel and Organization:** The demonstrated qualifications and experience of the proposed Key Personnel, the experience of the proposed management team, including the ability to manage all aspects of the Contract and successfully integrate the various Major Participants; and organizational capacity to ensure sufficient staffing to perform the design and construction work. Additionally, the Respondent will be evaluated on the benefits of any value-added positions and the strength of the individuals proposed for those positions.
- ii. **Project Approach:** The extent to which a Respondent demonstrates an understanding of, and approach to, the development, design, and construction of the Contract including unique issues, specific risks, and any challenges associated with the Contract.

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- iii. **Prior Design-Build Experience**: The extent and depth of each Major Participant's experience with comparable projects.
- iv. **Past Performance**: Demonstrated record of performance of all Major Participants including: quality of work product; good standing and adequate progression of work; claims history including number of claims submitted that were ultimately disallowed or significantly reduced, number of disputes submitted to formal dispute resolution and disposition of such actions, claims brought against the firm under the False Claims Act; record of terminations for cause and defaults; disciplinary action, including suspension; safety record; client references; and awards, citations and commendations.

7. Experience and Performance of Respondent Teams

- A. During the RFQ process, MTA C&D identify the best responsible Respondent team, comprised of design and construction firms, available with demonstrated experience, expertise, capacity, and record of producing quality work on projects similar in nature to the Project.
 - i. To identify Respondents that include a Lead Contractor and Designer with:
 - (1) experience individually and collectively, 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;
 - (2) technical and management experience and expertise to plan, organize and execute the design and construction and assure the quality and safety of the Work;
 - (3) organizational capacity to perform the Work; and
 - (4) qualified Key Personnel and Value-Added Personnel identified in Section 10.10 of the RFQ with experience managing and performing work in active rail and transit station environments, including without limitation, project managers, construction managers, design consultants, safety managers, quality managers and schedulers.

8. General Limitations on Respondent Team Membership

- A. Subject to Section 6.4 of the RFQ, and in addition to any other restriction or qualification on Respondent team membership and on the inclusion of Major Participants and Key Personnel:
 - i. no Major Participant, including its affiliates, may participate on more than one (1) Respondent team;
 - ii. non-Major Participant Subcontractors and their Affiliates may participate on more than one (1) respondent team, subject to compliance with Section 5.3, Section 6.2, and Section 6.4 of the RFQ;
 - iii. no firm that employs one or more of the individuals named as Key Personnel on one Respondent team may serve any role on another Respondent team; and
 - iv. 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 or Section 6.2 of the RFQ from participation solely on the basis of having been a

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member of such unsuccessful Respondent team. Following the public announcement identifying the Shortlisted Respondents, members of each unsuccessful Respondent team (including Major Participants) may seek to join the team of a Shortlisted Respondents, subject to the restrictions set forth herein.

9. Limitations on Exclusivity

- A. Non-Major Participants, Subcontractors, and other Persons which are not prohibited from participating on more than one (1) Respondent team under Section 6.2 of the RFQ, 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:
 - i. Respondents may not team with or engage an entity if such teaming is conditioned on that entity or its Affiliates being on a Respondent's team on an exclusive basis.
 - ii. Any otherwise permitted engagement of a Person 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 Contract between or among Respondent teams.
- B. If a Respondent elects to non-exclusively engage two (2) Designers for its SOQ, MTA C&D will treat such Designers as a Joint Venture in accordance with Section 10.2 of the RFQ. However, if MTA C&D determines that such arrangement does not represent a true Joint Venture and is not in the best interests of the RFQ and/or performance of the Work, MTA C&D may, in its discretion, require the Respondent to: (i) demonstrate that such arrangement reflects a true Joint Venture arrangement appropriate for the Contract; and/or (ii) finalize the engagement of one (1) but not both Designers with the revised engagement documented as an Organizational Change either under the terms of this RFQ or the equivalent terms of the RFP. In addition, Shortlisted Respondents and Proposers will be entitled, at their own initiative, to finalize the engagement of one (1) Designer, but not both Designers with the revised engagement documented as an Organizational Change either under the terms of this RFQ or the equivalent terms of the RFP.

10. Enhanced Utilization Credit

- A. This Contract includes the opportunity to receive an Enhanced Utilization Credit, which is designed to incentivize the use of MWBE firms that have had limited or no opportunity to engage in contracting with the MTA. The Enhanced Utilization Credit Initiative (EUCI), offered by the MTA in partnership with Empire State Development, allows an additional fifty percent (50%) credit toward the utilization of EUCI-eligible firms for this Contract. A list of EUCI-eligible firms is available at <https://esd.ny.gov/certification-plus-vendors>. For additional information on this program, see Section 16.1 of the Request for Qualifications and you can also visit <https://www.mta.info/doing-business-with-us/opportunities-for-hubs/euci>.