

***Massachusetts Bay Transportation Authority***



**Request for Qualifications  
For**

**Quincy Traction Power  
Substation (TPSS)**

**MBTA Contract No.  
X92PS03**

**ISSUE DATE  
July 9, 2026**

## **I. PROJECT DESCRIPTION**

The Massachusetts Bay Transportation Authority is soliciting consulting services

The MBTA Quincy Traction Power Substation (TPSS) is a replacement of the existing 53-year-old substation serving the Redline transit power needs with additional capacity to also serve the present and future power needs of the Quincy Center Station at Quincy, MA.

The new TPSS will be constructed on MBTA ROW and portions of a privately owned property located adjacent to the tracks, Northeast of the Quincy Center Station, and South of Dimmock Street. The taking process of the proposed site has started. The MBTA Real Estate group is in charge of the taking process assisted by a consultant appointed for the same reason.

The MBTA Power department has the need for twin 3MVAs feeding a modular substation for which a standard modular design has been completed and will be available upon request at RFP stage.

The MBTA wishes to complete and deliver the TPSS with all the necessary site-specific installations, communication integrations, power utility coordination, environmental compliance, commissioning of the new system, de-commissioning of the existing system and power cutover.

The successful Consultant will be guided by specific MBTA TPSS design guidelines, Design directives, Safety and Security Certifications and meet State and Federal requirements throughout the design process.

This project is expected to utilize State funding.

**The delivery method for this project is Construction Manager at Risk (CMAR).**

## **II. SCOPE OF SERVICES:**

The Scope of Services includes, but is not limited to the following:

Conduct site specific designs from start to finish and including construction phase services of the chosen modular Substation, review and adjust the existing MBTA standard modular design to meet site specific conditions, coordinating and approving of design submittals of the modular substation manufacturer throughout the procurement process, conduct geotechnical investigations, structural foundations, retaining wall, duct banks, power and other utility coordination and relocation needs, environmental permitting coordination, stakeholder management and coordination, Massachusetts Historical Commission required site improvement including enclosure designs meeting historical requirements, site layout design and storm water management, all meeting applicable codes and standards.

Disciplines required to deliver the scope of services include, but are not limited to architecture, multidiscipline engineering (i.e. civil, structural, electrical, and mechanical); environmental services; electrical, traction power, historical assessment; code compliance; and robust stakeholder and public participation. The major categories of services are:

- General Project Management Services
- Design Phase Services
- Bid Phase Services

- Construction Phase Services (CPS)

The services will be delivered by Phase. Project Phases for this project are defined to be:

|           |                                          |
|-----------|------------------------------------------|
| Phase I   | Pre-Design (0%-15%)                      |
| Phase II  | Preliminary Design (15%-30%)             |
| Phase III | Design Development (30%-75%)             |
| Phase IV  | Final Design (75%-100%)                  |
| Phase V   | Bid Phase                                |
| Phase VI  | Construction Phase Services and Closeout |

### **III. DURATION:**

The duration of this contract will be five (5) years with the option of two (2) individual one (1)-year extensions.

### **IV. PROJECT BRIEFING:**

The MBTA will hold a virtual project briefing for this Project on **July 16, 2026, at 11:30 am**, via Microsoft Teams.

**Link will be posted to Bid Express**

### **V. QUESTIONS AND ADDENDA:**

Proposers are advised that all communication shall be limited to written inquiry.

The deadline for receipt of questions is 8 calendar days before the SOQ due date. All questions must be submitted via Bid Express.

Proposers are responsible for ensuring that any questions and requests for clarification clearly indicate that the material relates to the Project. The MBTA reserves the right to respond or not respond to questions and requests submitted. To the extent that a response is merited, any response will be made available to all Proposers.

The MBTA reserves the right to revise this RFQ by issuing addenda at any time before the SOQ due date. All addenda will be considered part of this RFQ and will be posted on the procurement site. It will be the sole responsibility of the Proposer to ascertain the existence of any and all addenda issued by the MBTA. Firms will receive notice from the procurement site that an addendum has been posted.

Any responses to questions, clarifications, or addenda not issued in accordance with this Section will be without legal effect.

## **VI. COMMUNICATION BETWEEN MBTA AND PROPOSERS**

Once the RFQ has been issued, the only authorized communications shall be through the named person of contact for the MBTA. Unauthorized communications or contact between the firms, their employees, agents, or other related entities interested in submitting SOQs and the MBTA, or any other person or entity participating on the Selection Committee with regard to this Project are strictly prohibited after the RFQ is advertised. Interested firms will have access to the MBTA Project team during the Project Briefing if conducted. Any communication outside of this meeting will be addressed to the Designated Project Representative via email.

From the date of issuance of this RFQ through the award of the Contract, any Proposer that contacts directly or indirectly any member or employee of the MBTA or any member of the Selection Committee in connection with the selection process or the contract contemplated herein for this Project is subject to disqualification

## **VII. SUBMITTAL REQUIREMENTS:**

Firms having capabilities for this work are invited to submit a Statement of Qualifications **no later than 11:00AM on 7/30/2026, via Bid Express at <https://www.bidexpress.com/businesses/83754/home>**. Joint Venture participation will be considered.

Proposers are solely responsible for ensuring that the MBTA receives their SOQs by the specified delivery date and time at the address listed above. The MBTA shall not be responsible for delays and other occurrences beyond the control of the MBTA.

Responses to the Request for Qualification shall include one (1) digital copy, submitted via BidExpress.com of the current Standard Form (SF) 330 - Architect/Engineer Qualification Questionnaire for all proposed team members, including all proposed sub-consultant firms.

Each Statement of Qualification must include the firm's valid Unique Entity Identifier (UEI) issued through **System for Award Management (SAM)** on Part II of the (SF)330

Please utilize Section H (Additional Information) of the Standard Form (SF) 330 to address the following:

**The Statement of Qualifications will be evaluated based on the following criteria:**

| <b>Evaluation Criteria</b>     | <b>Weighting</b> |
|--------------------------------|------------------|
| Proposed Team and Organization | 20               |
| Key Personnel Qualifications   | 25               |
| Relevant Project Experience    | 25               |
| Relevant Delivery Experience   | 20               |
| Personnel by Discipline        | 10               |
| <b>Total</b>                   | <b>100</b>       |

1. **Proposed Team and Organization.**

2. **Key Personnel** - Provide key personnel qualifications for all project disciplines.

The Project Manager assigned by the selected consultant(s) shall be a registered Electrical Engineer or Civil/Structural Engineer with a minimum of 5 years of PM experience, and possess experience with MBTA systems, procedures, and inter-departmental coordination.

The Project Manager shall have experience on projects delivered utilizing MGL c149a procurement methods, specifically Construction Manager at Risk (CMAR).

The Project Manager shall also have a working knowledge of appropriate design codes and MBTA standards, including but not limited to NFPA 70E, Standard for Electrical Safety in the Workplace, National Electrical Safety Code (NESC): MBTA Guide to Access, Massachusetts Building Code, Americans with Disabilities Act (ADA), Electrical Installations Governed by Code of Massachusetts Regulations (CMR): 220, 527 and 780. The National Electrical Code (NFPA 70), NFPA 130 – Standard for Fixed Guide-Way Transit and Passenger Rail Systems and American Railway Engineering and Maintenance-of-Way Association (AREMA).

3. **Relevant Project Experience** - Provide up to 5 comparable projects of team members that best illustrates current qualifications relevant to this project. Comparable projects include projects delivered under MGL c149a and/or projects of similar type or scale.

4. **Relevant Delivery Method Experience** – Provide a list of team members that have delivered projects under MGL c149a.

5. **Personnel by discipline** should be provided in Section 9 of (SF) 330, Part II

In addition, Consultants shall provide:

- Completed Bidder Form for each Prime and Subconsultant on the SOQ Submission

## **VIII. SELECTION PROCESS**

Following an initial evaluation of qualifications and performance data, firms considered to be the most highly qualified to provide the required services will be requested to submit proposals and may be invited to participate in interviews

All firms that are shortlisted must be actively registered in the federal **System for Award Management (SAM)** and maintain an **active** status prior to **proposal** submission.

It is the practice of the Authority to encourage the economic growth of professional firms through broad solicitation and award of contracts. All capable firms are invited to submit a Statement of Qualifications in accordance with the instructions presented in this solicitation.

This is not a Request for Proposal. The MBTA reserves the right to cancel this procurement or to reject any or all Statements of Qualifications.

Phillip Eng

Interim MassDOT Secretary and MBTA General Manager & CEO