

# MTA NEW YORK CITY TRANSIT INDUSTRY REVIEW R262 RAILCAR TECHNICAL SPECIFICATIONS

## 1. Purpose of Industry Review

MTA New York City Transit (NYCT) is developing new Railcar Technical Specifications for the purchase of 1,140 cars configured in 5-car units to operate on NYCT's A Division (numbered lines), replacing the R62 and R62A fleets.

The purpose of this informal Industry Review (IR) is to assist NYCT in finalizing its Technical Specification (TS) for the purchase of the R262 cars, but more importantly to solicit feedback on the opportunity to include innovative, service-proven technologies or emerging technologies already in use in global metro systems onto the R262 fleet. NYCT is particularly focused on reducing total cost of ownership and improving system standardization. This IR feedback will facilitate NYCT obtaining information that will assist in the acquisition of the R262 cars, that can offer benefits such as life cycle cost savings, improvements in performance, reliability, and the customer experience.

The R262 TS is currently under development and will become the basis for the R262 procurement. The TS version included in this IR is a working draft subject to change pending approval and finalization by MTA New York City Transit.

Respondents who wish to provide information and comments to this IR should submit those comments by no later than by **5:00 P.M. on Wednesday, July 30<sup>th</sup>** to the following email address: [alfred.adebare@nyct.com](mailto:alfred.adebare@nyct.com) and [mark.dubeau@mtahq.org](mailto:mark.dubeau@mtahq.org).

All feedback will be considered during TS finalization; respondents should not anticipate a direct response from NYCT. However, NYCT does reserve the right to reach out to individual respondents for clarification.

## 2. Technical Alternatives

NYCT is interested in taking advantage of the latest technological advances in the industry applicable to NYCT operations, without compromising safety and reliability, with the goals of:

- Optimizing Life Cycle Costs.

- Improving Customer Experience.
- Improving Performance.
- Ensuring long-term reliability.

The following specific areas are of interest to NYCT as potential technical alternatives to be included in the final specification:

- Alternate Materials for Weight Optimization
- Automatic Passenger Counting (APC) System
- Weight Reduction Strategy for Truck Assemblies
- Modern Coupler Designs
- Cab Security Options
- Lightweight Carshells
- Security Interlocks for Master Controllers
- Platform Gap Mitigation for ADA
- Alternative HVAC System Designs
- Electric Brake Command Transmission
- Hearing Loops (Assistive Listening Devices)
- Optimized Propulsion System Architecture
- Modern Propulsion System Power Electronics
- Low Voltage system voltage (37.5 Vdc vs. 75 Vdc)
- Alternative wiring standards
- Traction Motor Insulation
- Conductor's Exterior Surveillance Cameras

For convenience, a copy of the relevant TS section describing the above in more detail can found in Attachment A. Feedback is specifically sought on the above to facilitate selection of new technology applications that align with NYCT's goals.

Other innovations which could deliver benefits in the NYCT subway environment may be suggested.

### 3. Access to the R262 Technical Specification

If you would like access to the R262 Technical Specification, please contact: [alfred.adebare@nyct.com](mailto:alfred.adebare@nyct.com) and [mark.dubeau@mtahq.org](mailto:mark.dubeau@mtahq.org).

## 4. Responses

### **Please label all submissions: R262 Industry Review.**

NYCT does not wish to receive marketing or promotional materials in response to this Industry Review. Submitted information should be limited to technical materials in support of comments made on the draft R262 Technical Specification.

Please note that NYCT will not respond to any requests or proposals submitted in response to the IR. NYCT shall solely determine what content, if any, from these responses will be incorporated into the final version of the R262 Technical Specification.

Failure to respond to this IR will not preclude participation in any subsequent formal Request for Proposal (RFP).

Any inquiries other than specific responses to this IR should be directed to Alfred Adebare @ (646) 252-5368 or [alfred.adebare@nyct.com](mailto:alfred.adebare@nyct.com) and Mark Dubeau @ 646-252-6022 [mark.dubeau@mtahq.org](mailto:mark.dubeau@mtahq.org).

### **Respondent Information:**

Written responses to this IR should include the following:

#### a. Company Information

- Name of Company
- Point of Contact
- Contact details

#### b. Technical Comments Corresponding to Each Section of the R262 Specification

- Comments to be submitted on the attached form provided in Appendix B- Technical Comments table.

#### c. Other Comments

- Respondents may submit other (non-technical) comments in the “Other Comments” table in Attachment B.

## 5. Confidentiality

All information submitted by Respondents shall remain confidential. If the information submitted by a Respondent contains data that the Respondent does not want to be disclosed, the Respondent should specifically designate what information is confidential/proprietary. Such information will be treated as confidential, subject to any applicable laws and regulations, including but not limited to New York State Freedom of Information Law.

## 6. Reservation of Rights by NYCT

NYCT, in its sole discretion, reserves the right, without liability, to modify and/or withdraw this IR at any time without explanation and/or to modify or waive any requirements contained herein.

## 7. Disclaimer

This IR is issued solely for information and planning purposes and does not constitute a solicitation. Responses to this IR are not offers and will not be accepted by NYCT to form a binding contract. Respondents are solely responsible for all expenses associated with responding to this IR.

## **INSTRUCTIONS FOR SUBMITTING COMMENTS**

### **NOTE:**

The following summarizes the details the required format for Respondents comments to the IR. Responses shall be submitted electronically in the Excel format provided with this invitation for comment, see Attachment B.

### **CHAPTER:**

The R262 TS chapter number for which a comment is being made.

### **CLAUSE:**

The TS reference number for which a comment is being made. Please be as specific as possible so that NYCT can consider the comment in the context of the Technical Specification requirement of a particular section. The format of the section number is to be exactly as it appears in the TS.

Please ensure that the spaces, periods, and closed parenthesis are used as they appear in the TS so that the processing of comments returned by the Respondents can be handled efficiently by NYCT.

### **COMMENTS:**

Briefly discuss the issue and offer alternative language/requirements for NYCT's consideration. Please include the rationale for the comment or recommendation and why it is in the interest of NYCT to consider this change for incorporation into the TS.

### **IDENTIFIED BY:**

The name of the Company who may be later interested in participating for this procurement when the formal RFP process begins.