

MTA - NEW YORK CITY TRANSIT

2 BROADWAY

NEW YORK, NY 10004

DIVISION OF MATERIEL

web.mta.info/nyct/procure/nyctproc.htm

Vreplies@nyct.com

0000200808

NOTICE

-OF-

ADDENDUM

ADDENDUM # 5

BID OPENING/DUE DATE: 6/15/18

CD WILL BE SENT BY OVERNIGHT MAIL



May 3, 2018

ADDENDUM NO. 5

RFP 32443

Pump Trains: Conversion of R110A Cars to Pump Cars and Generator Cars

TO ALL PROSPECTIVE PROPOSERS:

You are hereby notified of the following changes in the above referenced Request for Proposal (RFP).

This Addendum has been generated in order to respond to questions asked. Below and the attached documents provide clarification on inquiries received from Proposers:

- A Question and Answer Sheet. The documents specifically referenced in NYCT's responses to Addendum No. 5 questions 1, 2, 3, 6, and 18 are attached (on CD).
- Please remove and replace the existing Technical Specification and replace it with the attached revised Technical Specification (on CD). The changes in the Technical Specifications are listed in the attached List of Changes to the R32443 Technical Specification chart.
- Please remove and replace the existing Appendix and replace it with the attached revised Appendix (on CD). The changes in the Appendix are listed in the attached List of Changes to the R32443 Technical Specification chart.
- The deadline to receive all inquiries regarding requests for clarification will be May 11, 2018.
- Please remove page 3 of the existing Overview and replace it with the attached revised page 3 of the Overview. (See also the attached tracked version indicating the change to the Closing Date made via Addendum No. 4.)
- Please remove page 1 of the Proposer's Execution Form and replace it with the attached revised page 1 of the Proposer's Execution Form. (See also the attached tracked version indicating the change to the Closing Date made via Addendum No. 4.)

The tracked documents are intended to call the Proposers attention where changes have been made to the Contract Documents.

All other conditions remain unchanged. "Reminder: Be sure to attach this addendum to your proposal or acknowledge it in the place provided in the RFP documents. Failure to do so may result in rejection of your proposal."

Sincerely,

A handwritten signature in black ink that reads "Joseph A. Messina".

Joseph A. Messina
Assistant Chief Procurement Officer
Materiel Division

RFP R32443 ADDENDUM # 5 QUESTIONS AND ANSWERS SHEET

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
NYCT FOLLOW UP RESPONSES TO ADDENDUM NO. 3 RESPONSES (NEW QUESTIONS AND ANSWERS TO ADDENDUM NO. 5 WILL FOLLOW BELOW)			
8	VI – TECHNICAL SPECS, Section 9.5.16 Engine Exhaust Emissions Test	In the event that the Contractor fails the Engine Exhaust Emissions Test and given that the Tier 4 certificate will only apply if the exact configuration of the proposed Tier 4 engine and exhaust equipment is used for this application, what would the potential courses of action be if one or more of the exposure limits are not compliant? For example, would PPE or other measures be a potential option, given that the testing environment would be uncontrolled and that redesign of the engine and exhaust may not be feasible.	<p>Addendum No. 3: NYCT will respond to this question in a subsequent Addendum.</p> <p>Addendum No. 5: The technical specification was changed to: “Although exposure of NYCT personnel to the measured substances in excess of the criteria established by the New York State Department of Labor set forth in Section 2.17.3.6 (NYS DOL Exposure Limits) is something within the control of NYCT (not within the Contractor’s control), the assistance of the Contractor is required in order to make it possible for NYCT to operate the Generator Car within under river tubes and other areas within the NYCT system where there is very little or virtually no airflow. NYCT desires to ascertain the levels of the referenced airborne contaminants to determine the need for respirator protection and administrative/engineering controls. Therefore, NYCT has requested proposals that provide for a Generator Car that uses a Genset as specified in this specification. Technical Specification was updated accordingly.”</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
10	VI – TECHNICAL SPECS	Will NYCT please provide detailed drawings and documentation regarding the existing bolster adaptors that have been installed and integrated onto the Hose and Reach Cars?	<p>Addendum No. 3: Carbody bolster adapter drawings attached and will be incorporated into the Appendix via a subsequent Addendum. (These drawings shall be used for reference only).</p> <p>Addendum No. 5: The Appendix has been updated accordingly to include the drawings.</p>
11	VI – TECHNICAL SPECS	Will NYCT accept the combination of visual and magnetic particle testing in place of all radiographic testing requirements? If so, please delete the references to radiographic inspection requirements from Section VI Technical Specification, including in 3.8.1.3, 3.8.1.4, 5.3.1, 5.5, 8.5.3.2, 8.18.4.1.3, 8.5.1, 8.5.2, 8.18.4, 9.5.3.4	<p>Addendum No. 3: NYCT will respond to this question in a subsequent Addendum.</p> <p>Addendum No. 5: The Technical Specification has been revised to clarify NYCT's requirements.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
12	VI – TECHNICAL SPECS	The provisions of 12.1.3 Training cover class size, class duration, and the number of modules, however, do not mention a maximum number of training sessions for each of the four modules. Will NYCT please provide a total maximum number of training sessions required per module?	<p>Addendum No. 3: NYCT will modify Section 12.1.3 to include the following: The training modules are as follows:</p> <ul style="list-style-type: none"> • Operator’s Course (8 hours per course/training class, 4 classes and 32 hours required in total) • Inspection and Maintenance Course (8 hours per course/training class, 4 classes and 32 hours required in total) • Road Car Inspector’s Course (8 hours per course/training class, 5 classes and 40 hours required in total) • Overhaul Course (8 hours per course/training , 4 classes and 32 hours required in total) <p>Addendum No. 5: NYCT has modified Section 12.1.3 of the Technical Specification to include the following: The training modules are as follows:</p> <ul style="list-style-type: none"> • Operator’s Course (8 hours per class, 4 classes total) • Inspection and Maintenance Course (8 hours per class, 4 classes total) • Road Car Inspector’s Course (8 hours per class, 5 classes total) • Overhaul Course (8 hours per class, 4 classes total) <p>The Technical Specification has been revised accordingly.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
13	VI – TECHNICAL SPECS	<p>4.2.1 Air Contaminants</p> <p>The Contractor shall provide engine emission level data for carbon monoxide (CO), oxides of nitrogen (NO & NO2), particulate matter and aldehydes for various operating conditions. This information will be presented at PDR.</p> <p>Will NYCT please remove aldehydes from this requirement? Tier 4 engines are not required to be tested for aldehydes, therefore no data may be available at PDR. The proposed engine will be a COTS certified Tier 4, as requested.</p>	<p>Addendum No. 3: NYCT will respond to this question in a subsequent Addendum</p> <p>Addendum No. 5: NYCT is not removing the aldehyde requirement. However, NYCT will accept the available emission test data from the engine OEM.</p> <p>The Technical Specification (4.2.1) has been revised as follows:</p> <p>“The Contractor shall provide all available engine emission level data, such as carbon monoxide (CO), oxides of nitrogen (NO & NO2), particulate matter and aldehydes for various operating conditions. This information will be presented at PDR. [CDRL 4.002]”</p>
14	VI – TECHNICAL SPECS	<p>The Contractor's proposed engine will be COTS Tier 4 certified, which does not include testing for aldehydes.</p> <p>Will NYCT please remove the following paragraph from 4.1 Diesel Electric Power Unit? <i>The engine exhaust shall meet personal exposure limits established by the NYS Department of Labor for work activities which take place within the subway environment (see Section 9.5.16 for test location, sample requirements and allowable exposure limits).</i></p>	<p>Addendum No. 3: NYCT will respond to this question in a subsequent Addendum.</p> <p>Addendum No. 5: NYCT has removed the subject paragraph from the Technical Specification.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
15	VI – TECHNICAL SPECS	Would NYCT please clarify if the discharge hoses coming off the sub pumps are of 4 inch diameter or 6 inch diameter?	<p>Addendum No. 3: The discharge hoses coming off the sub pumps are 4 inch diameter hoses.</p> <p>The Technical Specification will be revised accordingly. NYCT will provide the updated Technical Specification in a subsequent Addendum.</p> <p>Addendum No. 5: The Technical Specification has been revised accordingly.</p>
16	VI – TECHNICAL SPECS	Would NYCT please specify what grade of pipe is required with respect to 4.9 Piping and Piping Arrangements?	<p>Addendum No. 3: All pipes and fittings, unless otherwise specified or Approved by the Project Manager, shall be standard schedule 80, full weight, galvanized steel pipes and corrosion resistant.</p> <p>The Technical Specification will be revised accordingly. NYCT will provide the updated technical specification in a subsequent Addendum.</p> <p>Addendum No. 5: The Technical Specification has been revised accordingly.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
17	VI – TECHNICAL SPECS	<p>2.0 SYSTEM DESIGN</p> <p>2.1.2 Arrangement The Contractor shall provide suitable access within the Pump and Generator cars, through the end doors and side doors where possible of the Vehicles to permit removal and return of equipment units for overhaul, repair and replacement.</p> <p>Would NYCT please clarify if the end door modifications to accommodate the generator installation are required to be designed per FRA and AAR requirements?</p>	<p>Addendum No. 3: FRA and AAR standards and requirements shall apply to the end door design, unless otherwise Approved by NYCT.</p> <p>The Technical Specification will be revised accordingly. NYCT will provide the updated technical specification in a subsequent Addendum.</p> <p>Addendum No. 5: The Technical Specification has been revised accordingly.</p>
20	VI – TECHNICAL SPECS	<p>Will NYCT please provide a general arrangement and dimensional drawing for the R110A passenger cars?</p>	<p>Addendum No. 3: The general arrangement and dimensional drawings for the R110A passenger cars are attached and will be incorporated into the Appendix via a subsequent Addendum.</p> <p>Addendum No. 5: The Appendix has been updated accordingly with additional R110A drawings.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
37	VI – TECHNICAL SPECS	Will NYCT please provide a general arrangement and dimensional drawing for the R110A passenger cars?	<p>Addendum No. 3: As in the response above, the general arrangement and dimensional drawings for the R110A passenger cars are attached and will be incorporated into the Appendix via the subsequent Addendum.</p> <p>Addendum No. 5: The Appendix has been updated accordingly with additional R110A drawings.</p>
NEW QUESTIONS AND ANSWERS FOR ADDENDUM NO. 5			
1	II - REQUEST FOR PROPOSAL OVERVIEW	<p>17. Prompt Payment Pursuant to Section 2880 of the Public Authorities Law, on March 25, 1988 the Authority's Board adopted a Statement of Rules and Regulations with respect to prompt payment of invoices, which statement is deemed by law to be included in this Contract. A copy of such statement shall be made available to any prospective Proposer requesting same of the Procurement Representative.</p> <p>Proposer requests a copy of the Statement of Rules and Regulations with respect to prompt payment of invoices.</p>	The current Prompt Payment Statement is attached.

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
2	III - SPECIFIC CONTRACT PROVISIONS	<p>ARTICLE 117 DELIVERY AND ACCEPTANCE G. Where the Authority is required to perform any Work to remedy any Open Items or warranty defects because of the Contractor's failure to do so, or otherwise performs remedial or repair Work that is Contractor's responsibility and which the Contractor fails to perform, the Authority shall be deemed to be performing such repair or remedial Work as agent of the Contractor, and the Contractor shall be required to reimburse the Authority for the cost involved. If the Work is done by Authority employees, all labor or materials involved will be billed to the Contractor in accordance with the Authority's then current "Schedule of Rates for Services Rendered to Outside Parties" for such Work. Any such costs may be deducted by the Authority from any payment due or to become due to the Contractor.</p> <p>Would NYCT please provide the current "Schedule of Rates for Services Rendered to Outside Parties" ?</p>	The current Schedule of Rates for Services Rendered to Outside Parties is attached.
3	III - SPECIFIC CONTRACT PROVISIONS	<p>ARTICLE 115 FLEET DEFECT Determination will be made according to an official Division of Car Equipment Quality Failure Report (QFR) procedure, or such alternate reporting document. ...</p> <p>Would NYCT please provide a copy of an official Division of Car Equipment Quality Failure Report (QFR) procedure?</p>	An example QFR is attached.

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
4	VI – TECHNICAL SPECS	<p>5.4 Emergency Release The draft gear shall be provided with an automatic shear release mechanism to provide emergency release for severe end impacts.</p> <p>Does NYCT have the Emergency Release function on any of their current Hose and Reel cars or Pump and Generator cars? -----</p> <p>Does NYCT see any challenges designing and complying with the Emergency Release specification? -----</p> <p>Would NYCT please provide the Emergency Release Draft Gear drawing for the current retrofitted Hose and Reach Car?</p>	<p>Yes, the existing H&R cars (converted R110A cars) have an emergency release function. -----</p> <p>NYCT is not designing the Emergency Release. It is the Contractor's responsibility to meet the Technical Specification requirements. -----</p> <p>The drawing has been added to the Appendix as part of this Addendum.</p>
5	VI – TECHNICAL SPECS	<p>5.4 Emergency Release The Contractor may propose an alternate draft gear arrangement without the emergency release feature (shear pins) for NYCT review and approval. [CDRL 5.008] An example of this arrangement is shown on MotivePower (WABCO) drawing 2054203 Revision E.</p> <p>Would NYCT please provide the Motive Power (WABCO) drawing 2054203 Revision E?</p>	<p>The drawing has been added to the Appendix as part of this Addendum.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
6	VI – TECHNICAL SPECS	<p>6.2.3 Carbody Mounted Brake Unit and Truck Brake Rigging</p> <p>Follow up question to NYCT Response No.18 Addendum No. 3</p> <p>NYCT has used carbody mounted braking systems in the past and NYCT requires the same for this work because these cars will be submerged in water.</p> <p>Would NYCT please provide the specific brake configuration system name if it is a COTS system or provide the manufacturer if the brake system was a custom solution involving a new configuration of the brake actuator, brake linkages and brake beams orientation? Was the existing solution provided on the 50 ton freight trucks mentioned in this RFP?</p>	<p>For information purposes only, a document on the original R65 Pump Train's brake system has been provided as part of this Addendum. However, the Contractor is responsible for developing and providing the carbody mounted brake system for this Work as per the R32443 Technical Specification.</p> <p>The R65 Pump Train brake system was not installed on the 50 ton freight trucks that will included as part of the Work in this contract.</p>
7	VI – TECHNICAL SPECS	<p>10.1 Quality Assurance Requirements 10.1.1 General Requirements The Contractor's quality assurance efforts shall be in compliance with the requirements of ISO 9000 or ANSI/ASQC Q9000-1, latest revision. The Contractor need not be registered under ISO 9000 or ANSI/ASQCQ9000-1 to obtain compliance.</p> <p>Will NYCT accept AAR M-1003 as an approved equal to ANSI/ASQC Q9000-1?</p>	<p>The Contractor shall comply with the Technical Specification stated in Section 10.1.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
8	VI – TECHNICAL SPECS	<p>12.4 Part and Device Identification (Bar Coding) Follow up question to NYCT Response No.9</p> <p>Will NYCT please provide the scanner type, model, manufacturer, software, and interface currently used by NYCT for the Asset Identification System?</p>	<p>The Technical Specification was updated with the following: “The Contractor shall furnish Seven (7) scanners (Honeywell iPhone sled kit) and Seven (7) latest compatible iPhone devices, unless otherwise Approved by NYCT. The Contractor shall provide the details of scanners and iPhones to NYCT for review and approval prior to the delivery of the first Pump and Generator Cars.”</p>
9	VI – TECHNICAL SPECS	<p>12.4 Part and Device Identification (Bar Coding) Follow up question to NYCT Response No.9</p> <p>Please provide the a detailed overview of the existing bar code system: how data is handled, type of data, etc.</p>	<p>Prior to delivery of the first Pump and Generator Cars, NYCT shall receive a template file from the Contractor of the list of all of the Components on a Car and the relationships of the Components to one another (the info received includes the component’s manufacture ID, PN, position, LRU, LLRU, etc.).</p> <p>As the car gets built, this template is now populated with all the previous information plus the SERIAL NUMBERS of the actual Components</p> <p>The barcode includes the equipment ID info (Component Manufacturer ID, Part Number & Serial Number), the “human readable” (readable to the naked eye) of the ID and also a “human readable” of the actual component (i.e. HVAC, Traction Motor, etc.)</p> <p>Most components that are currently tracked by NYCT have barcodes that are LINEAR 1D or Datamatrix. Most PCB boards have 2D barcodes due to space issues.</p> <p>NYCT’s system has a format of 3 characters for Manufacture ID, 1 Space, then up 15 alphanumeric character for the Part Number, 1 space, then up to a 13 alphanumeric character for the Serial Number.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
10	VI – TECHNICAL SPECS	<p>12.4 Part and Device Identification (Bar Coding) Follow up question to NYCT Response No.9</p> <p>NYCT current software question: When a car is being built, are component barcodes to be scanned and tied to a car (parent) barcode?</p>	<p>The Contractor is responsible for supplying NYCT with a file (currently either TXT file or Excel file) which has information on the component’s manufacturer ID, Part Number, Serial Number, other miscellaneous info and the relationships (PARENT-CHILD relationship)</p> <p>The file tracks the makeup of that car as it is built.</p> <p>Any changes in terms of Component “change outs” prior to CAR ACCEPTANCE by NYCT should be properly documented as to ensure accurate data into the ORACLE PRODUCTION database.</p>
11	VI – TECHNICAL SPECS	<p>12.4 Part and Device Identification (Bar Coding) Follow up question to NYCT Response No.9</p> <p>NYCT current software question: What is the process of replacing a component? Is the new component scanned to the parent car barcode?</p>	<p>Any changes in terms of Component “change outs” prior to CAR ACCEPTANCE by NYCT should be properly documented as to ensure accurate data into the ORACLE PRODUCTION database</p> <p>Currently, since there is no actual “automated” process. Any Component replacements/”change outs” should be properly documented either through work orders or some form of database which can then be analyzed and processed properly and solely by NYCT.</p>
12	VI – TECHNICAL SPECS	<p>12.4 Part and Device Identification (Bar Coding) Follow up question to NYCT Response No.9</p> <p>NYCT current software question: Describe the process when a replacement part needs reordered for a car in the field.</p>	<p>Currently, there is no actual “automated” process, any Component replacements/”change outs” should be properly documented either through work orders or some form of database which can then be analyzed and processed properly solely by NYCT.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
13	VI – TECHNICAL SPECS	<p>12.4 Part and Device Identification (Bar Coding) Follow up question to NYCT Response No.9</p> <p>How close (proximity) will the user be to scanning the bar code?</p>	<p>NYCT does have a defined proximity. The proximity is dependent on the Contractor's overall Part and Device Identification (Bar Coding) scheme..</p>
14	VI – TECHNICAL SPECS	<p>12.4 Part and Device Identification (Bar Coding) Follow up question to NYCT Response No.9</p> <p>What is NYCT's preferred barcode symbology? This will dictate the type of hardware and software needed to scan and parse out the data.</p>	<p>Per the Technical Specification, either 1D or 2D barcoding is preferred.</p>
15	VI – TECHNICAL SPECS	<p>12.4 Part and Device Identification (Bar Coding) Follow up question to NYCT Response No.9</p> <p>Please describe how the camera and photos will be used?</p>	<p>No specific usage method is defined. However, the scanner should be capable of taking photos.</p>
16	VI – TECHNICAL SPECS	<p>Follow up question to NYCT Response No.21 General Question</p> <p>Would NYCT please provide an actual drawing displaying the clearance outline with dimensions of the Hose and Reach Cars showing the conversion and calling out the 50 ton freight trucks with bolster adapters? This information is needed to determine if further modification is needed by the contractor to meet the car height required to fit within NYCT's clearance outlines.</p>	<p>The drawing has been added to the Appendix as part of this Addendum.</p>

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
17	VI – TECHNICAL SPECS	<p>8.19 Paints and Coatings 8.19.1 General The portion of the Carbody, or any of its Components, receiving paint shall be painted as required by the Specification and in accordance with the specified color scheme as Approved by the Project Manager; refer to NYCT’s painting and stenciling diagram, R157-1000. Paints and coatings shall meet the requirements of the latest version of the NYCTA Specifications CCSS-002: General Requirements- Paints and Coatings and 3022-MATL-86: Coating System for Railcar Interiors and Exteriors.</p> <p>Would NYCT please provide a copy of their painting and stenciling diagram, R157-1000?</p>	The drawing has been added to the Appendix as part of this Addendum.
18	8023-GENL-01 Rev. D.pdf Asset Identification System (AIS)	<p>Follow up question to NYCT Response No.9 2. Asset Bar Code List (ABCL) ...The ABCL includes fields such as the component's manufacturer ID, part number, NYCT provided commodity number, component's immediate parent information, component description etc. NYCT can provide a sample ABCL which indicates all the necessary field items required.</p> <p>Would NYCT please provide a sample ABCL which indicates all the necessary field items required?</p>	Three sample ABCL have been provided as part of this Addendum.

No.	RFP Section Reference	Insert Proposer Question/Comment In this Column	NYCT Answer/Response
19	8023-GENL-01 Rev. D.pdf Asset Identification System (AIS)	<p>Follow up question to NYCT Response No.9 5a. Bar Code Label (Component) Contractor and sub-vendors shall utilize 2D bar code labels, which can vary in size depending on the component applied to. Various types of 2D formats may be used such as Data Matrix, PDF417 and Maxicode etc.</p> <p>What is the required minimum and maximum label size?</p>	The size of each label shall be dependent on the size of the actual component and the ease of NYCT personnel to be able to read and scan the particular label. Further, placement of each label shall be such that line of sight should not be obstructed or only require minimal removal of equipment in order to read and scan the label.
20	8023-GENL-01 Rev. D.pdf Asset Identification System (AIS)	<p>Follow up question to NYCT Response No.9 5a. Bar Code Label (Component) The bar code label shall maintain its adhesion, physical integrity and readability for a minimum period of eight (8) years under the following normal NYCT environmental operating conditions:</p> <p>Will NYCT please revise the eight (8) year adhesion, physical integrity and readability requirement to two (2) years.</p>	Per the Technical Specification, the eight year adhesion is required.
21	3058-MATL-69.pdf National Electrical Code Type Wire and Cables	<p>The last page of 3058-MATL-69.pdf, National Electrical Code Type Wire and Cables</p> <p>The last page of 3058-MATL-69.pdf, National Electrical Code Type Wire and Cables appears to be additions and deletions. The words on this page are not legible. Would NYCT please provide a clear version of this page?</p>	The original document itself is not legible. No clearer copy can be obtained. This specification will not be needed if the Contractor uses either Rockbestos Exane® 1093 or General Cable Polyrad® XT (included in the Technical Specification).

List of Changes to the R32443 Technical Specification

T.S. Section Reference	Page No.	Paragraph/Bullet	Brief Description of Change	Addendum
Appendix	A-1	1.0 NYCT Standards, Specifications, and Publications	Added "Noise Test Procedure" to table "1.0 NYCT Standards, Specifications, and Publications List"	05
Appendix	A-1	1.0 NYCT Standards, Specifications, and Publications	Revision level for "Memorandum of Understanding for Car and Line Equipment Clearance" changed from 'G' to 'H'	05
Appendix	A-2	2.0 NYCT Drawings	Added "Miscellaneous R110A Drawings ...", R157 Flat Car Paint and Stencil Arrangement Drawings, "Miscellaneous R442 Drawings ..." and "2054203 Rev E - NYCT R156 Coupler Installation" to table "2.0 NYCT Drawings"	05
2.1.2	2-2	P-3	Added "If applicable, FRA and AAR standards and requirements shall apply to the end door design."	05
2.2	2-4	Table-1	Added "Maximum Height" at the end of the table	05
2.2	2-4	P-2	Added ","	05
2.3.5	2-6	P-1	Changed "weighting" to "weighing"	05
2.5.2	2-7	P-1	changed "full" to "fully"	05
2.8.2	2-10	P-1	Added the Contractor's location to the noise testing	05
2.8.2	2-10	P-3	Refer to "Noise Test Procedure" in the Appendix for reference only	05
3.3	3-3	P-1	The Paragraph has been rewritten	05
3.3.1.2	3-4	P-3	changed "completely fails" to "complete failure"	05
3.3.1.4	3-7	P-1	Changed "will" to "shall"	05
3.6.3	3-15	P-1	changed the enclosure type from 4 to 4X	05
3.8.1.1	3-18	P-3	Added "Brake rigging"	05
3.8.1.3	3-19	P-3	virbage changes	05
3.8.1.4	3-19	P-1	The Paragraph has been rewritten	05

T.S. Section Reference	Page No.	Paragraph/Bullet	Brief Description of Change	Addendum
3.8.1.5	3-20	P-1	Added "all" & "100%"	05
3.10	3-27	P-1	Added "Stress Analysis Report" to CDRL # 3.003	05
4.1	4-1	P-2	The Paragraph has been deleted	05
4.2	4-6	P-2	Virbage changes to clarify the requirement	05
4.2	4-6	P-5	Added "(i.e. tailpipe)	05
4.2.1	4-7	P-1	Virbage changes and added CDRL # to the requirement	05
4.3.1	4-8	P-5	Deleted the period after "AAR S-5506"	05
4.6	4-12	P-1	changed the motor starter control panel enclosure type from 4 to 4X	05
4.9	4-13	P-6	Specifying "schedule 80" for pipe types, "or Approved by the Project Manager"	05
4.20	4-16	P-1	Added CDRL # 4.002 to the table	05
6.3	6-5	P-2	Changed "storm" to "rollup", and added ", unless otherwise Approved by NYCT."	05
8.5.3.2	8-14	P-2	Changed the rate and frequency of the Radiographic Inspection	05
9	TOC-1		Reorganized Table of Contents	05
9.4.5	9-6	Table-1	Removed "Engine Exhaust Emissions Test" from the "Qualification Tests" at Contractor Location	05
9.4.5	9-6	Table-1	Added "Noise Test" to the "Qualification Tests, First Generator and Pump System at Contractor Location"	05
9.5.3.4	9-7	P-1	The title and the paragraph has been rewritten	05
9.5.3.4	9-8	P-3	The paragraph has been rewritten	05
9.5.3.4	9-8	P-4	Added "Upon request of the Project Manager, "	05
9.5.3.6	9-8	P-1	Added "The Contractor shall propose alternative..."	05
9.5.14	9-12	P-1	Added "primary" and "as proposed by the Contractor and determined by NYCT"	05
9.5.14.1	9-12	P-2	Deleted "A load cell shall be placed at each jack location for the diagonal jacking test." Deleted "and diagonal jacking". Delete ", " and added "and"	05
9.5.14.6	9-17	P-1	Delete "9.5.14.6 Diagonal Jacking Test" section	05

T.S. Section Reference	Page No.	Paragraph/ Bullet	Brief Description of Change	Addendum
9.5.14.7	9-17	Title	Changed " 9.5.14.7" to "9.5.14.6"	05

Attachment 2 – Form of Letter of Credit for Performance and for Advance Payment

Attachment 3 – EEO Package of Forms

Attachment 4 - Metropolitan Transportation Authority Vendor Code of Ethics

Attachment 5 – Form of Parent Company Guaranty

Attachment 6 - Proposer’s Execution Form - Price Proposal

Attachment 7 – Proposer’s Delivery Schedule

Section VI: Technical Specifications

Section VII: Appendix A, Technical Attachments & Drawings

2. Pertinent Dates

These will include the following dates:

Release date of this RFP: January 25, 2018.

All inquiries should be in writing and must be received by the Authority by close of business on: May 11, 2018.

All proposals are due on or before 2:00 pm on June 15, 2018 (the “Closing Date”).

3. General Instructions

3.1 The Authority considers any information that it may have released either orally or in writing prior to the issuance of the RFP to be preliminary in nature and shall not be bound by such information.

3.2 Each Proposer should furnish the information required by this RFP. The person signing the proposal shall initial erasures or other changes.

3.3 If an agent other than the chairman, chief executive officer, president, vice president or general partner of the Proposer signs the proposal, the proposal is to include evidence of the agent's authority.

3.4 Where particular goods or services are set forth in this RFP, the Authority shall not consider proposals for goods or services other than those specified unless specifically authorized by this solicitation.

3.5 In general, the Authority seeks proposals under this RFP that are advantageous to the Authority and satisfy its overall needs. In order to afford the Authority the

Attachment 2 – Form of Letter of Credit for Performance and for Advance Payment

Attachment 3 – EEO Package of Forms

Attachment 4 - Metropolitan Transportation Authority Vendor Code of Ethics

Attachment 5 – Form of Parent Company Guaranty

Attachment 6 - Proposer’s Execution Form - Price Proposal

Attachment 7 – Proposer’s Delivery Schedule

Section VI: Technical Specifications

Section VII: Appendix A, Technical Attachments & Drawings

2. Pertinent Dates

These will include the following dates:

Release date of this RFP: January 25, 2018.

All inquiries should be in writing and must be received by the Authority by close of business on: March 15 May 11, 2018.

All proposals are due on or before 2:00 pm on May 4 June 15, 2018 (the “Closing Date”).

3. General Instructions

3.1 The Authority considers any information that it may have released either orally or in writing prior to the issuance of the RFP to be preliminary in nature and shall not be bound by such information.

3.2 Each Proposer should furnish the information required by this RFP. The person signing the proposal shall initial erasures or other changes.

3.3 If an agent other than the chairman, chief executive officer, president, vice president or general partner of the Proposer signs the proposal, the proposal is to include evidence of the agent's authority.

3.4 Where particular goods or services are set forth in this RFP, the Authority shall not consider proposals for goods or services other than those specified unless specifically authorized by this solicitation.

3.5 In general, the Authority seeks proposals under this RFP that are advantageous to the Authority and satisfy its overall needs. In order to afford the Authority the

PROPOSER'S EXECUTION FORM
Contract R32443

PROPOSER'S NAME: _____

NEW YORK CITY TRANSIT AUTHORITY
Material Division - Procurement Sub-Division

CONTRACT NO.: R32443	CLOSING (DUE) DATE: June 15, 2018
LOCATION: 3 Stone Street New York, NY 10004	CLOSING TIME: 2:00 PM Local Time

NOTES:

- N-1. Proposals must include a fully completed and executed copy of this form. In order to be a responsive proposal, all parts of the proposal must be submitted. **PROPOSERS MUST ATTACH COPIES OF ALL ADDENDA ISSUED OR ACKNOWLEDGE RECEIPT THEREOF WHERE INDICATED BELOW.** The Authority, in its sole and absolute discretion, may treat a failure to annex or acknowledge receipt of Addenda or to attach any part of the Proposal as a minor informality where the addenda or portion of the Proposal, as the case may be, is determined by the Authority not to be substantive in nature. The Authority may also treat any failure of the Proposer to fully complete any portion of the Proposal as a minor informality.
- N-2. Execution of Proposal must be made as required in Section P below.
- A. The undersigned Proposer, acknowledging that it has carefully examined the Request for Proposal Package, hereby offers to fully perform all obligations and responsibilities as set forth therein and in its Proposal, at the price(s) stated in the Price Proposal Form attached hereto.
- B. The undersigned hereby designates the following office as its office for the purpose of receiving any written notice permitted or required to be served upon the Proposer by any provision of the Contract Documents, including Notice of Award of the Contract:

Street Address: _____

City, State Zip Code: _____

Telephone No. () _____

Facsimile No. () _____

Electronic Mail Address: _____

PROPOSER'S EXECUTION FORM
Contract R32443

PROPOSER'S NAME: _____

NEW YORK CITY TRANSIT AUTHORITY
Materiel Division - Procurement Sub-Division

CONTRACT NO.: R32443	CLOSING (DUE) DATE: May 4 <u>June 15</u> , 2018
LOCATION: 3 Stone Street New York, NY 10004	CLOSING TIME: 2:00 PM Local Time

NOTES:

N-1. Proposals must include a fully completed and executed copy of this form. In order to be a responsive proposal, all parts of the proposal must be submitted. **PROPOSERS MUST ATTACH COPIES OF ALL ADDENDA ISSUED OR ACKNOWLEDGE RECEIPT THEREOF WHERE INDICATED BELOW.** The Authority, in its sole and absolute discretion, may treat a failure to annex or acknowledge receipt of Addenda or to attach any part of the Proposal as a minor informality where the addenda or portion of the Proposal, as the case may be, is determined by the Authority not to be substantive in nature. The Authority may also treat any failure of the Proposer to fully complete any portion of the Proposal as a minor informality.

N-2. Execution of Proposal must be made as required in Section P below.

A. The undersigned Proposer, acknowledging that it has carefully examined the Request for Proposal Package, hereby offers to fully perform all obligations and responsibilities as set forth therein and in its Proposal, at the price(s) stated in the Price Proposal Form attached hereto.

B. The undersigned hereby designates the following office as its office for the purpose of receiving any written notice permitted or required to be served upon the Proposer by any provision of the Contract Documents, including Notice of Award of the Contract:

Street Address: _____

City, State Zip Code: _____

Telephone No. () Facsimile No. ()

Electronic Mail Address: _____