



Eye on the Future

MTA Contract Solicitations



Welcome to the MTA's Eye on the Future Report

This edition of the MTA "Eye on the Future" presents capital projects that are planned to be advertised from March 2020 through February 2021. Reflecting recent state legislation, the MTA will be pursuing more Design-Build projects. In addition, MTA has proposed a new Capital Program for the 2020-2024 period. It has been approved only for the MTA Bridges and Tunnels, but not yet for the other MTA agencies. Some of the proposed projects are included in the "Eye".

The "Eye" is hosted along with other information and resources about the MTA Capital Program in one convenient location. It is part of our commitment to improve business practices and we hope that it is useful to you.

The MTA Capital Program is very important for the safety and reliability of the MTA transportation system and is vital for the regional economy.

As described in this issue of the "Eye," the MTA is preparing to undertake 128 projects valued at approximately \$442.07 million in capital work. This work spans many areas, including civil, structural, and electrical, as well as new technologies. Pending approval of the 2020-2024 program, the "Eye" will be updated accordingly.

These projects are crucial for the reliability, growth and resiliency of the system and contribute to the regional economy. This amount of investment is projected to generate approximately \$778.12 million in economic activity for the New York region.

We want to make sure you're aware of our web-portal: MyMTA.info. This portal enables MTA suppliers and bidders to search procurement opportunities and information across all MTA agencies, respond to sourcing events online, select categories for the goods and services you sell and more.

Contractors and suppliers have a critical stake in the success of the Capital Program. We appreciate your interest in and support of the projects included in this issue of the "Eye," and we look forward to your participation.

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Eye on the Future

MTA Contract Solicitations



Information About Contracts that Will Be Advertised for Professional Services, Construction, and Equipment Procurement

March 2020 – February 2021

Welcome to the MTA's Eye on the Future Report

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Overview

This edition of *An Eye on the Future* contains information for prospective contractors, engineers, architects and vendors about contracts that are expected to be advertised for bids between March 2020 – February 2021 by the Metropolitan Transportation Authority's operating agencies.

MTA New York City Transit (NYC Transit)

MTA Staten Island Railway (SIRTOA)

MTA Long Island Rail Road (LIRR)

MTA Metro-North Railroad (MNR)

MTA Bridges and Tunnels (B&T)

MTA Capital Construction (MTACC)

MTA Bus Company (MTA Bus)

In 1993 the MTA board approved a new service identity program for the MTA family of agencies. The identity program provides for the use of the above popular names to make clear to our customers that the various MTA affiliates and subsidiaries constitute an integrated regional transportation network. However, for all procurement documents and official transactions, the agencies retain their legal names: New York City Transit Authority, Staten Island

Rapid Transit Operating Authority, the Long Island Rail Road Company, Metro-North Commuter Railroad Company, Triborough Bridge and Tunnel Authority, Capital Construction and Bus Company.

With respect to the contract descriptions and other data included in this volume, readers should note that they are for general information only and are not to be construed as final. The exact description of the work and other pertinent information concerning an individual contract will be found in the contract specifications and drawings or solicitation documents which may be obtained by prospective bidders when solicitation begins. Most contracts for construction, procurement of capital equipment and professional services are awarded after a competitive process, including sealed bids for construction and procurements and competitive requests for proposals for professional services.

Some aspects of contracting are common to all the MTA agencies.

1. MTA agencies are not subject to the Wicks Law for their construction projects.
2. MTA agencies seek the best contractors, suppliers, and professional services firms in the business, including firms owned by women and minorities for which special efforts are made to ensure appropriate participation. We pledge to do our part to make all projects successful for the agencies and contractors alike.
3. Projects already funded by Federal grants are noted in the solicitation schedule with an asterisk. Some of the other projects may become eligible for Federal funding in future grant applications.

Public notices of solicitations are normally published in advance of the availability of contract documents or requests for proposals in the New York State Contract Reporter and in one or more of the following publications.

New York Post
 El Diario
 The Daily Challenge
 Amsterdam News
 Minority Commerce Weekly
 Engineering News Record

Contacts

For further information about contracts advertised here can be obtained by contacting respective agency representatives. For current procurements, please visit the link provided below.

MyMTA.info: <https://www.mymta.info/prod/groups/public/documents/authored/mtabscdmprd2502792.pdf>

MTA NEW YORK CITY TRANSIT / MTA STATEN ISLAND RAILWAY / MTA BUS COMPANY

Security & Consulting Service

(New York City Transit ONLY)

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 Materiel Division
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For all other contracts

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MTA LONG ISLAND RAIL ROAD

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MTA BRIDGES & TUNNELS

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MTA Capital Construction

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Selected Provisions of Capital Program Contracts

This is a summary of several provisions which are generally applicable to MTA agency projects. Complete requirements for a given contract can only be obtained from the documents for that contract. Naturally, all construction is performed under the laws and regulations of New York State. This is not intended to be a full summary of General Provisions.

1. MTA New York City Transit, the two commuter railroads, and MTA Capital Construction base progress payments on the contractor's monthly submissions of cost-loaded schedules. The use of CPM network diagrams is required for complex projects while simpler bar charts are required for less complex projects.
2. All the agencies' contract documents contain a value engineering change proposal clause. Contractors are encouraged to submit cost saving proposals during construction, and upon acceptance of the proposal, would be able to share in the actual cost savings.
3. Another effort to improve the management of capital projects is the use of contractor evaluation files that are kept on all ongoing work. All the MTA agencies use identical criteria to evaluate contractors and share the information with the other MTA agencies.
4. The period between advertisement for bids and bid opening will vary from approximately four to eight weeks, depending on size of the contract.
5. Unless specifically noted in the bid document, the transit facilities will be in continuous operation during the performance of the work for the majority of contracts. The contracting agency will provide the necessary maintainers, flagmen, diversions of service and work trains.
6. Bidders will be required to submit, prior to the award of the contract, a program of affirmative action to provide for equal employment opportunity. Submittals will be described in the contract documents. Goals for the participation of minority-owned and women-owned firms may be specified for each contract.
Minority business enterprises and women business enterprises will be afforded full opportunity to submit bids and/or proposals and will not be subjected to discrimination on the basis of race, religion, color, sex, or national origin in consideration for awarding contracts.
7. A bid bond or a certified check in the amount of five to ten percent is normally required at the time of delivery of the bid. The contractor must furnish a performance bond and payment bond in amounts equal to 100 percent of the contract price.

8. In addition to other requirements specifically provided in the contract, each bidder must be prepared to prove to the satisfaction of the contracting agency that he has the qualifications, including but not limited to skill and experience, and the necessary facilities and financial resources to complete the work in a satisfactory manner within the time specified.
9. Contracts generally require a guarantee of all apparatuses, devices, workmanship and materials for at least one year. A security in the form of a bond in the sum of a predetermined percentage of the amount of the contract may be required prior to the final payment. Contracts may have additional requirements which must be reviewed.
10. The contractor shall also maintain, at a minimum, Workers Compensation, Commercial General Liability and Commercial Automobile Insurance. Additional coverage may be required and will be indicated in the contract. The MTA and the contracting agency shall be named as an additional insured on the policy. In general, coverage requirements range from \$1,000,000 to \$5,000,000 combined single limit for injuries to persons (including death) and for damage to property. The limits of liability will vary depending on the size and type of projects. In addition, the contractor will be required to hold the governmental agencies and contracting agency harmless. Evidence of the required insurance shall be delivered to the contracting agency on an MTA approved Certificate of Insurance prior to execution of the contract.
Each insurance policy, or Certificate of Insurance, shall contain an agreement by the insurance company issuing the policy that the policy will not be canceled, terminated or modified without 30 days prior notice to the contracting agency. At least two weeks prior to the expiration of each policy, the contractor shall endeavor to provide an updated Certificate of Insurance evidencing renewal coverage to the contract agency.
The MTA has in place Owner Controlled Insurance Programs (OCIP) for the East Side Access (ESA) project, the Second Avenue Subway and selected projects in the Capital Plan. Under traditional OCIPs, the MTA covers the construction phase of work and provides general liability, excess liability, workers' compensation, railroad protective, and builder's risk coverage to all participating contractors. The ESA OCIP adds environmental liability coverage for related engineering and environmental work.



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MTA Contract Solicitations



Forecast of Contracts to be Advertised and Proposals to be Solicited

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MAR 2020 – FEB 2021

Type of Contract	Solic Month	Reference Number	Contract Description	Agency	Range
New York City Transit					
Design/Build	APR	A37342/A35309 /A37129/A37310	ADA Accessibility, Platform Components and Station Renewal/6 Av/7 Av	NYCT	\$10M - \$50M
Design/Build	APR	A37121	ADA: Court Square / Crosstown (Elevator Phase)	NYCT	\$5M - \$10M
Construction	MAY	A37671	Sandy Mitigation: 138 St - Gr Concourse/JER (Vent Battery A)*	NYCT	\$1M - \$5M
Design/Build	JUN	A36164	ADA: 68 St-Hunter College / Lexington*	NYCT	OVER \$50M
Design/Build	JUN	A37139	ADA: 95th St / 4AV	NYCT	\$10M - \$50M
Design/Build	JUN	C43762/C33891 /C33941	Sandy Mitigation: Tiffany Central Warehouse*	NYCT	\$10M-\$50M
Design/Build	JUL	P36708	New Substation: Canal Street / 8th Avenue	NYCT	\$10M - \$50M

Type of Contract	Solic Month	Reference Number	Contract Description	Agency	Range
Construction	AUG	A37344	Station Painting at Comp Location: Pelham Bay Park/Pelham	NYCT	\$1M - \$5M
Construction	NOV	P36342/P36343 /P36344/P36345 /P36326	Sandy Mitigation, Substation Hardening - 27 locs, Tudor Substation Flood Protection, West Bdwy and Murray Substation Flood Protection*	NYCT	\$10M-\$50M
Construction	FEB	C34924	Sandy Mitigation: Steinway Portal(9 Stns Bk/Q Initiative)**	NYCT	\$10M - \$50M
Long Island Rail Road					
Constr	MAR	E04979	Long Island City Yard Resiliency*	LIRR	\$10M - \$25M
Constr	MAY	L11143	Substation Components	LIRR	\$1M - \$5M
Design-Build	JUN	E03405	West Side Yd/East Rvr Tnl*	LIRR	\$10M - \$50M
Design-Build	JUN	E03408	ERT Queens Portals Flood Mitigation*	LIRR	\$10M - \$50M
Design-Build	DEC	L11880	LI Shops and Yards ??? Employee Facilities	LIRR	\$5M - \$10M
Metro-North Railroad					
Constr	APR	M8020202	Harlem Line Stations Renewal*	MNR	\$10M-\$20M
Purchase	APR	M11513	Rough Terrain Articulating Boom Lift	MNR	\$100K-\$300K
Purchase	APR	M11518	Wheel Loader	MNR	\$500K - \$1M
Purchase	APR	M11517	Rail Heater	MNR	\$500K-\$1M
Purchase	APR	M11514	Hydraulic Metal Shear (NWP Shop)	MNR	\$50K-\$100K
Purchase	APR	M11511	All Terrain Hi-Reach Forklift	MNR	\$100K-\$500K
Purchase	APR	M11510	Speed Swing	MNR	\$800K-\$1.5M
Purchase	APR	M11509	Ballast Regulator	MNR	\$1M-\$5M
Purchase	APR	M11507	Rail Lifter	MNR	\$200K-\$500K
Purchase	APR	M11505	Motor Cars with Tool Circuits	MNR	\$500K-\$1M
Constr	MAY	M10991	Construction of Node House Roofs	MNR	\$1M - \$5M
Constr	SEP	M06893/M11137	Design-Build Croton Falls/Constructin Croton Falls Parking (402)*	MNR	\$5M-\$10M
Constr	SEP	M11363	Moodna/Woodbury Viaduct (incl timbers/walkways)*	MNR	\$4M-\$7M
Constr	DEC	M8020201	Construction Upper Harlem/Upper Hudson Stations*	MNR	\$10M-\$20M
Constr	FEB	M10469	PBX Software/Hardware	MNR	\$1M - \$5M
Constr	FEB	M11183/M1118 /M11716/M11723	Construction/Environmental/T-01 Bridge/Construction (67/33) Trash Facility	MNR	\$16M-\$21M

Type of Contract	Solic Month	Reference Number	Contract Description	Agency	Range
MTA Bus					
	APR	C-40247	CNG Upgrade - Spring Creek Depot*	MTA BUS	\$5M - \$10M
	APR	C-40261	HVAC- Spring Creek Depot*	MTA BUS	\$1M - \$5M

**** Partially Funded by Federal grant(s)**



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Brief Descriptions of Work to be Advertised

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MTA Police Department (None at this time)

** Partially Funded by Federal grant(s)

New York City Transit Brief Description of Work APR 2020

A37121

ADA: COURT SQUARE / CROSSTOWN (ELEVATOR PHASE)

\$5M - \$10M

This Design/Build project is to provide full ADA accessibility at the Court Square Station in the Borough of Queen. Work will include:

- Excavate and construct new Control Area with street to mezzanine elevator
- Provide a Head House for elevator on the sidewalk in front of Court Square Park
- Install one Street to Mezzanine and one Mezzanine to Platform elevator and construct Elevator Machine Rooms and install equipment for elevator functions.

Duration of Contract 28 Months

A37342/A35309/A37129/A37310

ADA ACCESSIBILITY, PLATFORM COMPONENTS AND STATION RENEWAL/6 AV/7 AV

\$10M - \$50M

The proposed work is for eliminating defects at the 14th St station, providing full accessibility at the stations, improving the overall safety and appearance of the selected stations, rehabilitating/enhancing lighting, and improving security and safety, and also new artwork and comprehensive painting.

- Work will include vertical accessibility, work on platform, mezzanine, and interior stair components, miscellaneous component work.
- The project will install street elevators at the station.
- Various platform component repairs for the 14th St Station complex, including platform columns.
- Project will also construct new street stairs, and the station will be painted.

Duration of Contract Months

**New York City Transit
Brief Description of Work
MAY 2020**

A37671

SANDY MITIGATION: 138 ST - GR CONCOURSE/JER (VENT BATTERY A)*

\$1M - \$5M

This project will rehabilitate the southern vents at 138th St-Grand Concourse Station in the Bronx and provide flood resiliency measures.

- Work will include demolishing drip pans and concrete support beams under the five 95 south bays and rebuilding new.
- Work will also include removing and replacing the existing chain link fence.
- Work will also include repairing spalls and cracks at ventilators.

Duration of Contract Months

**New York City Transit
Brief Description of Work
JUN 2020**

A36164

ADA: 68 ST-HUNTER COLLEGE / LEXINGTON*

OVER \$50M

This Design/Build project is to provide full ADA accessibility at the 68th Street-Hunter College Station on the IRT Lexington Avenue Line located in the Borough of Manhattan. Work will include:

- Install three (3) elevators
- Widen or reorient existing street stairs
- Expand mezzanine
- Construct two new entrances from street level to platforms
- Add other ADA progressive elements

Duration of Contract 33 Months

A37139

ADA: 95TH ST / 4AV

\$10M - \$50M

The proposed work will provide ADA compliant elevators and associated facilities, reconfigure existing mezzanine and station facilities.

- The project will include but not be limited to the following: improve vertical accessibility, provide an accessible travel route, modify platforms to reduce gaps, install tactile warning strips,
- Project will provide ticketing units (with two-way communication system), TTYs, PA/CIS system
- Project will also provide signage that includes braille and tactile lettering, trailblazing, and boarding area signage with the ISA symbol, in addition to public toilets that will be brought into ADA compliance if modified

Duration of Contract 33 Months

C43762/C33891/C33941

SANDY MITIGATION: TIFFANY CENTRAL WAREHOUSE*

\$10M-\$50M

The proposed work will provide flood protection to the SLOSH Category 2+3' Level in addition to replacement of the roof and walls at the warehouse.

- Design and rehabilitation of the Tiffany Warehouse exterior wall.
- Work will include replacement of the warehouse roof as well as the installation of roof railings.

Duration of Contract 24 Months

**New York City Transit
Brief Description of Work
JUL 2020**

P36708

NEW SUBSTATION: CANAL STREET / 8TH AVENUE

\$10M - \$50M

This Design/Build project is to construct a new substation serving the IND, 8th Avenue Line around Canal Street and 8th Avenue in the borough of Manhattan in order to provide traction power for reliable train operations on the 8th Avenue Line. Work will include:

- Equipping the new substation enclosure with power transformers, rectifiers, high tension switchgear and DC switchgear.
- Furnishing and installation of new power equipment consisting of two (2) 3000KW silicon diode rectifiers, and two (2) traction power transformers.

Duration of Contract 39 Months

**New York City Transit
Brief Description of Work
AUG 2020**

A37344

STATION PAINTING AT COMP LOCATION: PELHAM BAY PARK/PELHAM

\$1M - \$5M

The proposed work will include asbestos abatement and painting for fade at the Pelham Bay Park Station on the Pelham Line.

- Work also includes abatement of asbestos containing material, the repair of spalls, cracks and the delamination of stucco.
- The project will also replace damaged lintels, replace windows, survey existing conduit and cabling and remove abandoned conduit/cabling.
- Additional work includes caulking building joints, removing vegetation, painting concrete surfaces, painting metal panels

Duration of Contract 12 Months

**New York City Transit
Brief Description of Work
NOV 2020**

P36342/P36343/P36344/P36345/P36326

SANDY MITIGATION, SUBSTATION HARDENING - 27 LOCS, TUDOR SUBSTATION FLOOD PROTECTION, WEST BDWY AND MURRAY SUBSTATION FLOOD PROTECTION*

\$10M-\$50M

Duration of Contract 24 Months

**New York City Transit
Brief Description of Work
FEB 2021**

C34924

SANDY MITIGATION: STEINWAY PORTAL(9 STNS BK/Q INITIATIVE)**

\$10M - \$50M

This project will construct flood mitigation measures to protect the Steinway tunnel portal on the Flushing Line in the borough of Queens.

- Work will include constructing retaining walls on both sides of the Steinway tunnel portal. Two walls are 25 feet long by 15 feet high reinforced concrete capable of withstanding a CAT+3 flood.
- Piles, pile caps, footings and substructures as necessary to support the new flood walls and flex gates
- Install ILC Dover Flex Gates at the face of new walls to mitigate flood water entering the tunnel.
- Construct lateral struts between walls to improve wall performance and minimize substructures.
- Seal all duct and conduit openings to prevent water infiltration.

Duration of Contract 27 Months

**Long Island Rail Road
Brief Description of Work
MAR 2020**

E04979

LONG ISLAND CITY YARD RESILIENCY*

\$10M - \$25M

Long Island City Yard Restoration/Resiliency: Perimeter Flood Wall, Pumping Stations and Restoration of Tracks 11 and 12.

- Build Flood Wall around the perimeter of the yard.
- Install three pump stations/Two Generators.
- Restore Tracks 11 and 12.

Duration of Contract 24 Months

**Long Island Rail Road
Brief Description of Work
MAY 2020**

L11143

SUBSTATION COMPONENTS

\$1M - \$5M

Contractor to paint Substation and Transformers at 4 locations determined by LIRR Power dept.

Duration of Contract 18 Months

**Long Island Rail Road
Brief Description of Work
JUN 2020**

E03405

WEST SIDE YD/EAST RVR TNL*

\$10M - \$50M

Construction of perimeter flood protection measures at the LIRR West Side Yard. North, West and South perimeter flood barrier walls to meet a Base Flood Elevation requirement (BFE +4 feet) which reflects a high recurrence level of protection.

- The flood barrier walls will be a combination of portions of permanent wall and portions of removable flood barrier walls/Flood Gates.
- The additional sump pumps and sump pits will be installed, including modification or replacement of drainage pumps as required, and an existing piping outflow flap valve.
- The walls must be designed to sustain the forces of surge water, and the construction will need to be coordinated with Ph II of the Related Overbuild Construction Project's design and construction between 10th and 12th Avenues, and btwn 30th and 33rd St

Duration of Contract 24 Months

E03408**ERT QUEENS PORTALS FLOOD MITIGATION*****\$10M - \$50M**

Construction of approximately 1700 Linear Feet (LF) of a combination of permanent and removable flood barrier walls on the north side from the Queens portals to the Queens Blvd abutment, along the LIRR property line to meet the Base Flood Elevation requirement (BFE +4 feet) which reflects a high recurrence level of protection. The height of the walls is anticipated to vary from 7-ft tall at the western limit to 2-ft tall at its eastern limit. The removable portions will be at gated areas, entrances and locations that cross track structures. The construction will need to be coordinated with the East Side Access Project's construction of the Mid-day Storage Yard along the north side flood barrier wall.

- Construction of approximately 1,000 LF of a permanent flood barrier wall on the south side from the Queens portals to 27th Street, along the shared Amtrak/LIRR property lines.
- Installation of approximately 400 LF of 5ft tall to 7ft tall removable flood barrier walls spreading north to south across above the crowns of Queens Portals 1, 3.
- These removable flood barriers will cross track structures and go underneath the platform for the LIRR Hunters Point Ave Station.

Duration of Contract 24 Months

**Long Island Rail Road
Brief Description of Work
DEC 2020**

L11880**LI SHOPS AND YARDS ??? EMPLOYEE FACILITIES****\$5M - \$10M**

Duration of Contract 48 Months

**Metro-North Railroad
Brief Description of Work
APR 2020**

M8020202**HARLEM LINE STATIONS RENEWAL*****\$10M-\$20M**

This project includes platform rehabilitation at North White Plains Station on the Harlem Line.

- Demolition and removal of precast planks along both edges of both platforms.
- Installation of new precast prestressed planks along both edges of both platforms.
- Crack and spall repairs for remaining planks throughout the platforms.
- Replacement of tactile edge strips and platform edge boards.
- Repair hammerhead piers and stair cracks/spalls.
- Replace platform expansion joints.
- Relocate/Replace Conduits as necessary.

- Apply surface sealer.

Duration of Contract 24 Months**M11505****MOTOR CARS WITH TOOL CIRCUITS****\$500K-\$1M**

This contract will provide for the purchase of four (4) Motor Cars with Tool Circuits for Metro-North Railroad's Maintenance of Way machine shop. Specifications and modifications include additional tool storage, perimeter lighting and tool circuits with retractable reels.

- Fabrication of four (4) Motor Cars with Tool Circuits.
- Procurement of additional tool storage.
- Procurement of additional perimeter lighting, tool circuits with retractable reels.
- Procurement of additional tool circuits with retractable reels.

Duration of Contract 5 Months**M11507****RAIL LIFTER****\$200K-\$500K**

This contract will provide for the purchase of two (2) Rail Lifters for Metro-North Railroad's Maintenance of Way machine shop. Specifications and modifications include third rail clearance, LED Lighting and perimeter lighting.

- Fabrication of two (2) Rail Lifters.
- Procurement of third rail clearance, LED Lighting, perimeter lighting.
- Procurement of LED Lighting.
- Procurement of perimeter lighting.

Duration of Contract 4 Months**M11509****BALLAST REGULATOR****\$1M-\$5M**

This contract will provide for the purchase of seven (7) Ballast Regulators for Metro-North Railroad's Maintenance of Way machine shop. Specifications and modifications include perimeter lighting, dust control system, third rail clearance, LED lighting and reflective tape.

- Fabrication of seven (7) Ballast Regulators.
- Procurement of perimeter lighting.
- Procurement of dust control system.
- Procurement of third rail clearance.
- Procurement of LED lighting.

Duration of Contract 9 Months**M11510****SPEED SWING****\$800K-\$1.5M**

This contract will provide for the purchase of two (2) Speed Swings for Metro-North Railroad's Maintenance of Way machine shop. Specifications and modifications include third rail clearance, high rail equipment, train coupler and air system and reflective tape.

- Fabrication of two (2) Speed Swings.
- Procurement of third rail clearance.
- Procurement of high rail equipment.
- Procurement of train coupler and air system.
- Procurement of reflective tape.

Duration of Contract 9 Months

M11511**ALL TERRAIN HI-REACH FORKLIFT****\$100K-\$500K**

This contract will provide for the purchase of one (1) All Terrain Hi-Reach Forklift for Metro-North Railroad's Maintenance of Way machine shop. Specifications and modifications include enclosed cab with HVAC equipment.

- Fabrication of one (1) All Terrain Hi-Reach Forklift.
- Procurement of enclosed cab with HVAC equipment.

Duration of Contract 2 Months**M11513****ROUGH TERRAIN ARTICULATING BOOM LIFT****\$100K-\$300K**

This contract will provide for the purchase of one (1) Rough Terrain Articulating Boom Lift for Metro-North Railroad's Maintenance of Way machine shop.

- Fabrication of one (1) Rough Terrain Articulating Boom Lift.

Duration of Contract 1 Months**M11514****HYDRAULIC METAL SHEAR (NWP SHOP)****\$50K-\$100K**

This contract will provide for the purchase of one (1) Hydraulic Metal Shear for Metro-North Railroad's Maintenance of Way machine shop.

- Fabrication of one (1) Hydraulic Metal Shear.

Duration of Contract 1 Months**M11517****RAIL HEATER****\$500K-\$1M**

This contract will provide for the purchase of one (1) Rail Heater for Metro-North Railroad's Maintenance of Way machine shop. Specifications and modifications include enclosed cab with HVAC equipment, perimeter lighting and reflective tape.

- Fabrication of one (1) Rail Heater.
- Procurement of enclosed cab with HVAC equipment.
- Procurement of perimeter lighting.
- Procurement of reflective tape.

Duration of Contract 6 Months**M11518****WHEEL LOADER****\$500K - \$1M**

This contract will provide for the purchase of one (1) Wheel Loader for Metro-North Railroad's Maintenance of Way machine shop. Specifications and modifications include 4 in one bucket, side dump, hydraulic quick connects for bucket change out, forks and snow pusher.

- Fabrication of one (1) Wheel Loader.
- Procurement of enclosed cab with HVAC equipment.
- Procurement of perimeter lighting.
- Procurement of hydraulic quick connects for bucket change out.
- Procurement of forks.

Duration of Contract 2 Months

Metro-North Railroad
Brief Description of Work
MAY 2020

M10991

CONSTRUCTION OF NODE HOUSE ROOFS

\$1M - \$5M

This contract is for the survey of 36 locations for a 10'x20' communication bungalow and furnishes, deliver and install new roofing system as needed. Metro North Railroad has 36 locations spread out on all three lines (Harlem, Hudson and New Haven) that have communication bungalows that require an assessment for the replacement of their roofs. The work includes survey and assessment of the current communication houses roof condition (includes water proofing membrane). Based on the determination of the findings the existing roofs must be replaced, as needed, with new roofing systems. The work must be performed in a matter that is non disruptive to railroad operations and free of damage to equipment within the space.

- Perform Survey of Node houses on the Hudson line and submit report.
- Perform Survey of Node houses on the New Haven line (NY locations) and submit a report.
- Perform Survey of Node Houses on the Harlem line and submit a report.
- Replace, as needed, the roofing system for all Node Houses.

Duration of Contract 11 Months

Metro-North Railroad
Brief Description of Work
SEP 2020

M06893/M11137

DESIGN-BUILD CROTON FALLS/CONSTRUCTIN CROTON FALLS PARKING (402)*

\$5M-\$10M

This project involves the construction of a new ADA compliant parking lot containing approximately 450 parking spaces. The parking lot will be equipped with proper lighting and drainage, and will have electric charging stations in designated parking spaces to accommodate electric vehicles.

- Site Preparation- Excavating and backfilling, as well as any additional site prepping as needed per the contract documents. Installing all required drainage system components, and tree removal as identified in the contract documents. Carting and disposin
- Paving, Marking, and Signage- Installing pavements for parking and walking areas, pavement markings, and all signage as per the contract documents.
- Landscaping- Planting trees, shrubs, and/or other vegetation as identified in the contract documents.
- Electrical, Lighting and Telecom- Furnishing and installing all lighting system components for the Parking Lot. Furnishing and installing all Electric Vehicle (EV) Charging Station components and Pay Station components, including construction of a Pay st

Duration of Contract 10 Months

M11363

MOODNA/WOODBURY VIADUCT (INCL TIMBERS/WALKWAYS)*

\$4M-\$7M

This contract will be responsible for the timber ties replacement on the Moodna Viaduct located just east (south) of the Cornwall-Salisbury Mills Station in Salisbury, NY. The viaduct is a riveted built-up two girders system that is 3,200 feet long and 195 feet tall at its highest point. The viaduct is a single track with walkways on both sides.

- Perform Field Survey and Develop Timber Dapping Plans.
- Procure/Fabricate Timbers.
- Weekend Outages: Remove and Replace Existing Timbers, Restore rail to CWR conditions.
- Repeat Task 3 as Required Over 2 Years Period.

Duration of Contract 26 Months

Metro-North Railroad
Brief Description of Work
DEC 2020

M8020201

CONSTRUCTION UPPER HARLEM/UPPER HUDSON STATIONS*
\$10M-\$20M

This project provides for priority repairs at 16 Stations located on the Hudson and Harlem Lines as follows: Harlem Line: Brewster, Croton Falls, Purdy???, Golden???, Bridge, Katonah, Bedford Hills, Mt. Kisco, Chappaqua, Pleasantville, Hawthorne, Valhalla, Hudson Line: Poughkeepsie, New Hamburg, Beacon, Cold Spring, Garrison, Cortlandt.

- Spall repairs on underside of platforms (shallow to deep).
- Spall repairs in platforms substructure.
- Crack repair on platforms and substructure.
- Minor to moderate repairs to steel stairs (steel, treads, risers).
- Repairs to existing railing.
- Replacement of trackside platform edges (saw cut 3??? portion and reconstruct).

Duration of Contract 24 Months

Metro-North Railroad
Brief Description of Work
FEB 2021

M10469

PBX SOFTWARE/HARDWARE
\$1M - \$5M

This contract will provide UPS (Uninterruptible Power Supply) and power distribution hardware associated with PBX (Private Branch Exchange) equipment at five (5) Metro-North Railroad locations (see below). Interface UPS to centralized reporting system. Provide software upgrade for PBX Signaling Server. Provide expansion hardware for additional users at the PBX to existing system. Locations: South East, North White Plains, Mott Haven, Croton Harmon and Poughkeepsie

- Furnish, deliver and install UPS.
- Furnish, deliver and install PDU (Power Distribution Unit).
- Configuration and implementation from vendor.
- Furnish, deliver and install expansion hardware.
- Provide cabling to demarcation within PBX.

Duration of Contract 18 Months

M11183/M1118/M11716/M11723

CONSTRUCTION/ENVIRONMENTAL/T-01 BRIDGE/CONSTRUCTION (67/33) TRASH FACILITY
\$16M-\$21M

The purpose of this contract is to construct a unified trash handling facility to be employed jointly by Metro-North and Long Island Railroads, in support of the future LIRR ESA Concourse. This trash handling facility will be constructed on the existing platform adjacent to track 115 located on the Lower Level of Grand Central Terminal, next to the proposed LIRR Concourse service corridor, where Metro-North will load trash for both railroads onto railcars for transport to BN Yard and disposal. This Track 115 Trash Transfer Facility provides safe, efficient rail service to the trash facility. Trackwork and related systems improvements, which reinstate a connection of "Ladder N" to Track 115 to facilitate train movements serving the facility are incorporated into the project.

- Demolition
- Structure
- Track
- Ventilation
- Electrical
- Communication

Duration of Contract 24 Months**MTA Bus
Brief Description of Work
APR 2020****C-40247****CNG UPGRADE - SPRING CREEK DEPOT*****\$5M - \$10M**

This project will replace CNG system components and associated equipment at the Spring Creek Depot.

- This project shall provide all labor, materials, tools and equipment necessary for installing, testing and readiness: for operation:
- New natural gas dryer,
- Two (2) new compressor skids,
- New PLC controls,
- One (1) new three sided enclosure building, and
- Updated gas leak detection system for the depot building.

Duration of Contract 21 months Months**C-40261****HVAC- SPRING CREEK DEPOT*****\$1M - \$5M**

This project will replace the HV and A/C units and associated equipment at the Spring Creek Depot.

- Demolish and remove existing HVAC units.
- Furnish and install HVAC units.
- Remove the infrared heating system.
- Remove and install new exhaust fans.

Duration of Contract 20 months Months

** Partially Funded by Federal grant(s)