The LIRR will resume regular weekday service on 9/5, following Amtrak’s return to regularly scheduled operations at Penn Station. New timetables in effect 9/5. Special discounted fares through 8/31.

Temporary bus & ferry service through 9/1.

Welcome to the latest MTA "Eye on the Future," in which we present currently funded capital projects that are planned to be advertised from September 2017 through August 2018.

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 147 projects valued at approximately $1.44 billion in capital work. This work spans many areas, including civil, structural, and electrical, as well as new technologies.

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 $2.5 billion in economic activity for the New York region.

We want to make sure you’re connected to our recently-launched web-portal: MyMTA.info. This portal enables suppliers and bidders to the MTA 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.

Yours truly,

Veronique Hakim
Interim Executive Director

▶ Click here for Eye on the Future
▶ Download a Printable PDF File
The LIRR will resume regular weekday service on 9/5, following Amtrak's return to regularly scheduled operations at Penn Station. New timetables in effect 9/5. Special discounted fares through 8/31. Temporary bus & ferry service through 9/1.

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

JUNE 2017 – MAY 2018

Letter from the Interim Executive Director

Information About Contracts
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  ▶ Contacts
  ▶ Selected Contract Provisions

Forecasts of Contracts and Proposals

Brief Descriptions of Work to be Advertised
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  ▶ MTA Long Island Rail Road
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  ▶ MTA Bridges & Tunnels
  ▶ MTA Capital Construction
  ▶ MTA Bus Company
  ▶ MTA Police Department

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 JUNE 2017 – MAY 2018 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.

http://web.mta.info/mta-capital/eotf_intro.htm
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 links provided below.

Current Procurements: http://web.mta.info/mta/procurement/current.htm

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

Security & Consulting Service
(New York City Transit ONLY)
Hosie Fason
Assistant Chief Procurement Officer
Materiel Division
MTA New York City Transit
(646) 252-6253
Hosie.Fason@nyct.com

For all other contracts
Patricia Johnson
Senior Director
Materiel Division
(646) 252-6246
Patricia.Johnson@nyct.com

MTA METRO-NORTH RAILROAD

Mr. Charles F. Hansen
Deputy Director - Capital Procurement
MTA Metro-North Railroad
420 Lexington Ave, 12th Floor
New York, NY 10170
Telephone: (212) 340-3262
Fax: (212) 340-4034
E-mail: hansen@mnr.org

MTA LONG ISLAND RAIL ROAD

Nelda Jarvis Jenkins
Contract Research Clerk
Planning & Construction
MTA Long Island Rail Road
90-27 Sutphin Boulevard (0335)
Jamaica, New York 11435
Telephone: (718) 725-2643
Fax: (718) 725-2676
njarvis@lirr.org

MTA BRIDGES & TUNNELS

Ms. Victoria Warren
Procurement and Materials
MTA Bridges and Tunnels
2 Broadway 24th Floor
New York, New York 10004
Telephone: (646) 252-7092
Fax: (646) 252-7077
E-mail: vprocure@mtabt.org

MTA Capital Construction

Mr. David K. Cannon
Senior Director and Chief Procurement Officer
Procurement and Law Department
MTA Capital Construction
2 Broadway - A8.99
New York, New York 10004
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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Temporary bus & ferry service through 9/1.

Forecast of Contracts to be Advertised and Proposals to be Solicited

Letter from the Interim Executive Director
Information About Contracts
Forecast of Contracts and Proposals
Brief Descriptions of Work to be Advertised

MTA New York City Transit
MTA Long Island Rail Road
MTA Metro-North Railroad
MTA Bridges & Tunnels
MTA Capital Construction
MTA Bus Company
MTA Police Department

JUNE 2017 – MAY 2018

New York City Transit

<table>
<thead>
<tr>
<th>Type of Contract</th>
<th>Solic Month</th>
<th>Reference Number</th>
<th>Contract Description</th>
<th>Agency</th>
<th>Range</th>
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<tr>
<td>Construction</td>
<td>JUN 2017</td>
<td>A36921</td>
<td>Station Component Repair: 3 Locations / Crosstown Line</td>
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<td>A37679</td>
<td>Access Improvements: Grand Central: Phase 2**</td>
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<td>Construction</td>
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<td>A46017</td>
<td>Station Renewal: Astoria-Ditmars Boulevard / Astoria**</td>
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<td>Replace Equipment at Jackie Gleason Depot Compressed Natural Gas Facility</td>
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<td>Construction</td>
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<td>Sandy Mitigation: 14 Fan Plants, LT - 2 Locations**</td>
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<td>P36449 / C34839 / C31622</td>
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<td>Replacement of Oil-Water Separators at 4 Locations**</td>
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<td>AUG 2017</td>
<td>A36150 / A37118</td>
<td>ADA: Phase 2: 57 Street - 7 Avenue / Broadway**</td>
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<td>AUG 2017</td>
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<td>Contract Description</td>
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<td>C34836/P36451</td>
<td>Coney Island Yard-Sandy Mitigation: Long-Term Perimeter Protection &amp; Sandy Repairs: Cables And Communication Equipment</td>
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<td>Sandy Mitigation: Long-Term Flood Protection: Hammels Wye**</td>
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<td>A37202</td>
<td>Platform Components: 2 Locations / Lenox</td>
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<td>A37673</td>
<td>Station Entrance: 8 Avenue / Sea Beach</td>
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<td>Sandy Mitigation: Various Depots**</td>
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<td>Construction</td>
<td>SEP 2017</td>
<td>C34843</td>
<td>Upgrade Central Electronics Shop, Woodside Facility</td>
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<td>Construction</td>
<td>SEP 2017</td>
<td>C34847</td>
<td>Fire Alarm System Replacement at 3 Bus Depots**</td>
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<td>Construction</td>
<td>SEP 2017</td>
<td>C34915</td>
<td>Overcoat: Portal - King's Hwy / Culver</td>
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<td>Construction</td>
<td>SEP 2017</td>
<td>C40241</td>
<td>Elevator Upgrades: Various Depots</td>
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<td>Construction</td>
<td>SEP 2017</td>
<td>C40257</td>
<td>East New York Depot Windows and Façade</td>
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<td>Construction</td>
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<td>C43752</td>
<td>RTO Facilities: Chambers St / Nassau Loop</td>
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<td>Construction</td>
<td>SEP 2017</td>
<td>C48706</td>
<td>Elevated Structural Rehab: Livonia Yard Overpass &amp; Retaining Wall</td>
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<td>Purchase</td>
<td>SEP 2017</td>
<td>SF01-2423</td>
<td>Automatic Passenger Counting (APC) - Pilot &amp; Phase 1 Rollout</td>
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<td>Construction</td>
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<td>A36164</td>
<td>ADA: 68 St-Hunter College / Lexington**</td>
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<td>Construction</td>
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<td>A36988</td>
<td>Platform Components: 4 Locations / Jerome</td>
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<td>A37110</td>
<td>ADA: Bedford Park Boulevard / Concourse**</td>
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<td>Construction</td>
<td>OCT 2017</td>
<td>A37671</td>
<td>Sandy Mitigation: 138 St - Grand Concourse / Jerome (Vent Battery A)**</td>
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<td>Construction</td>
<td>OCT 2017</td>
<td>A46023</td>
<td>Station Renewal: 138 Street-Grand Concourse / Jerome**</td>
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<td>Construction</td>
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<td>C34838 / P36450 / P31623</td>
<td>Sandy Repair &amp; Mitigation: Long-Term Perimeter Protection, Power Cable Replacement and Yard Portal Resiliency - 207th Street Yard**</td>
<td>NYCT</td>
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<td>Construction</td>
<td>OCT 2017</td>
<td>C43844</td>
<td>Livingston Plaza Electrical and Mechanical System Improvements</td>
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<td>$10M - $50M</td>
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<td>Purchase</td>
<td>OCT 2017</td>
<td>R34194</td>
<td>Heavy Shop Equipment Purchase &amp; Replacement 2015-19</td>
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<td>Purchase</td>
<td>OCT 2017</td>
<td>R34255</td>
<td>Purchase of 52 Diesel Electric Locomotives</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<td>Purchase</td>
<td>OCT 2017</td>
<td>SF01-2767</td>
<td>Depot Bus Location System (DBL) - NYCT Department of Buses</td>
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<td>Construction</td>
<td>NOV 2017</td>
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<td>Station Components: Aqueduct-North Conduit Av / RKY</td>
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<td>A37120</td>
<td>ADA: Eastern Parkway-Brooklyn Museum / EPK**</td>
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<td>A37200</td>
<td>Platform Components: 3 Locations / EPK, CLK</td>
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<td>NOV 2017</td>
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<td>Station Renewal: Borough Hall / Lexington</td>
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<td>Construction</td>
<td>NOV 2017</td>
<td>C31620</td>
<td>Yard CCTV, Phase 2</td>
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<td>Overcoat: Myrtle Avenue - DeSales Place / Jamaica**</td>
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<td>Construction</td>
<td>NOV 2017</td>
<td>E30300</td>
<td>Replace Two Escalators: Grand Central-42 Street / Lexington</td>
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<td>Construction</td>
<td>NOV 2017</td>
<td>S34282</td>
<td>Sandy Mitigation: Backup Command Center Upgrade**</td>
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<td>Construction</td>
<td>NOV 2017</td>
<td>W32801</td>
<td>Integrated Service and Information Management B-Division: Module 5A Station Network Infrastructure</td>
<td>NYCT</td>
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<td>ADA: Greenpoint Avenue / Crosstown**</td>
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<td>Station Renewal and ADA: Astoria Boulevard / Astoria Blvd Line</td>
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<td>B40612</td>
<td>Automated Fuel Management System Upgrade**</td>
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<td>Contract Description</td>
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<td>C33600</td>
<td>Overcoat: East New York Yard &amp; Shop Leads And Loops**</td>
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<td>Construction</td>
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<td>P36701</td>
<td>Avenue Z Substation Renewal / CUL**</td>
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<td></td>
<td>JAN 2018</td>
<td>A35302 / A37116</td>
<td>Station Reconstruction and ADA: Times Square, Phase 3 - Shuttle**</td>
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<td>C40844</td>
<td>Sandy Mitigation: Purchase of 4 Backup Generators for Pump Room**</td>
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<td>Replace 12 Traction Elevators / Broadway-7th Avenue**</td>
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<td>Platform Components: 5 Locations / Queens Boulevard, Archer</td>
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<td>Platform Edges: 2 Locations / White Plains Road</td>
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<td>MAR 2018</td>
<td>S47009/ S32398/ S32399</td>
<td>Communication Based Train Control (CBTC): Two Interlockings and Signal Overlay / Culver Line</td>
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<td>MAR 2018</td>
<td>T45006 / T49003 / S32150</td>
<td>Sandy Repairs: 207 St Yard - Track, Switches and Signals**</td>
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<td>ADA: Chambers Street / Nassau Loop**</td>
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<td>P36339</td>
<td>Replace Control &amp; Battery Cable: 4 Substation Control Zones (2/3/5/8)</td>
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<td>SIR: UHF T-Band Radio System Replacement</td>
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<td>W32557</td>
<td>UHF T-Band Radio System Replacement</td>
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### Type of Contract

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<th>Agency</th>
<th>Range</th>
<th>Contract Description</th>
<th>Reference Number</th>
<th>Solic Month</th>
<th>Month of Completion</th>
<th>Source</th>
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**Long Island Rail Road**

- **Constr** SEP 2017 L09411 **New Mid-Suffolk Electric Yard** LIRR OVER $50M
- **Constr** SEP 2017 L11139 **Meadowbrook Substation Replacement** LIRR OVER $50M
- **Constr** SEP 2017 N00973 **Lynbrook Station Improvements** LIRR UNDER $10M
- **Constr** OCT 2017 E01930 & E02605 [Sandy] **Long Island City Yard Restoration / Resiliency** LIRR $10M - $50M
- **Constr** NOV 2017 L09367 **Jamaica Central Control 6th Floor Theater** LIRR $10M - $50M
- **Constr** DEC 2017 L11144 **Substation Components** LIRR $10M - $50M

**Metro-North Railroad**

- **Constr** JUN 2017 E04175 **Replace Power Cables - Harlem River Lift Bridge** MNR $1M - $5M
- **Constr** JUN 2017 M10820 **GCT 5C Prep for PTC Office Equipment** MNR $1M - $5M
- **Design/Build** JUN 2017 M10980 **Lower Harlem Line Station Priority Repairs** MNR $5M - $10M
- **Constr** SEP 2017 M10398 **Rehabilitation of Harlem Line Bridges HA 61.06 and HA 61.36, Patterson, NY** MNR $5M - $10M
- **Constr** SEP 2017 M10583 **Construction - City Water Substation** MNR $5M - $10M
- **Constr** DEC 2017 M10707 **Upper Hudson Line Station Priority Repairs** MNR $5M - $10M
- **Constr** DEC 2017 M10717 **Harlem & New Haven Line Station Priority Repairs** MNR $10M - $50M
- **Constr** JAN 2018 M10472 **Construction-Mott Haven - Motor Alternators** MNR $5M - $10M
- **Constr** JAN 2018 M10964/M10433 **Bridge NH25.74/Retaining Wall NH25 Port Chester NY** MNR $10M - $50M
- **Constr** MAY 2018 E03602 **Competitive Resiliency Power & Signals** MNR $10M - $50M
- **Constr** MAY 2018 M10191 **Harlem Line Express Cables** MNR $10M - $50M
- **Constr** MAY 2018 M10870 **Hudson Line Express Cables** MNR OVER $50M
- **Design/Build** MAY 2018 M11015 **Design-Build EMU Running Repair & Support Shop** MNR MORE THAN $100M

**Bridges and Tunnels**

- **Constr** JUN 2017 RK-22 **Interim Repairs to the FDR Ramp at Robert F. Kennedy Bridge** B&T $10M - $50M
- **Constr Mgmt** JUN 2017 RK-22 **Construction Management Services for RK-22 Construction Contract at the Robert F. Kennedy Bridge** B&T $1M - $5M
- **Constr** JUN 2017 VN-89/VN-30 **Design-Build: Rehabilitation of Tower Bases, Mooring Platforms and Elevators at the Verrazano-Narrows Bridge** B&T $10M - $50M
- **Constr** JUL 2017 HC-64 **Design-Build: Hugh L. Carey Tunnel Service Building Electrical Rehabilitation** B&T $1M - $5M
- **Constr** AUG 2017 RK-66 **Design-Build: Relocate 13KV Substation & Upgrade / Relocate 5KV Substations @ RFK Bridge** B&T $10M - $50M
- **Constr Mgmt** AUG 2017 VN-10 **Rehabilitation of the Brooklyn & Staten Island Anchorages at the Verrazano-Narrows Bridge** B&T $1M - $5M
- **Constr** OCT 2017 HC-07 **Design-Build: Rehabilitation of Hugh L. Carey Tunnel Ventilation System** B&T OVER $50M
- **Constr** OCT 2017 VN-49 **Painting of Suspended Span Upper and Lower Level Steel & Truss at the Verrazano-Narrows Bridge** B&T $10M - $50M
- **Constr** NOV 2017 CB-18 **Design-Build: Scour Countermeasures and Fender Replacements at the Marine Parkway Bridge and Cross Bay Bridge** B&T $10M - $50M
<table>
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<tr>
<th>Type of Contract</th>
<th>Solic Month</th>
<th>Reference Number</th>
<th>Contract Description</th>
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<td>Roadway Improvements to the Belt Parkway Eastbound Merge</td>
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<td>Miscellaneous Construction on an As-Needed Basis**</td>
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<td>Harold Structures Part 3A, Bi/C Approach Structure**</td>
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<td>MTA Bus</td>
<td>AUG 2017</td>
<td>C40246</td>
<td>CNG Upgrade - College Point Depot**</td>
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<td>CNG Upgrade - Spring Creek Depot**</td>
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<td>HVAC - College Point Depot**</td>
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<td>HVAC - Spring Creek Depot**</td>
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<td>HARRIMAN DISTRICT OFFICE</td>
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</table>

** Partially Funded by Federal grant(s)
The LIRR will resume regular weekday service on 9/5, following Amtrak’s return to regularly scheduled operations at Penn Station. New timetables in effect 9/5. Special discounted fares through 8/31.

Temporary bus & ferry service through 9/1.

Eye on the Future
MTA Contract Solicitations

Brief Descriptions of Work to be Advertised

- Letter from the Interim Executive Director
- Information About Contracts
- Forecast of Contracts and Proposals
- Brief Descriptions of Work to be Advertised
  - MTA New York City Transit
  - MTA Long Island Rail Road
  - MTA Metro-North Railroad
  - MTA Bridges & Tunnels
  - MTA Capital Construction
  - MTA Bus Company
  - MTA Police Department

** Partially Funded by Federal grant(s)

New York City Transit
Brief Description of Work

JUN 2017

A36921
STATION COMPONENT REPAIR: 3 LOCATIONS / CROSSTOWN LINE
$1M – $5M

Station component repairs at three stations on the Crosstown Line in Brooklyn: Broadway, Myrtle-Willoughby Avenues, and Clinton-Washington Avenues. Work may include the following:

- Platform edge replacement and creation of ADA boarding zone.
- Platform slab repair.
- Column and beam repair.
- Station component painting.

Duration of Contract 18 Months

A37679
ACCESS IMPROVEMENTS: GRAND CENTRAL: PHASE 2**
OVER $50M

Modifications to Grand Central-42nd Street subway station to improve pedestrian access, mitigate congestion, and architecturally unify NYCT station mezzanine with Grand Central Terminal. Project includes building portals and potentially improving street presence at certain entrances. Construction work includes the following modifications:

- Demolition of existing spaces in the main mezzanine of the Grand Central Station.
- Removals of existing architectural finishes and preparation of surfaces and ceiling equipment.
- Installation of new architectural finishes within the main mezzanine.

Duration of Contract 27 Months

A46017
STATION RENEWAL: ASTORIA-DITMARS BOULEVARD / ASTORIA**
$5M – $10M
Renewal of Astoria-Ditmars Boulevard Station on the Astoria Line in Queens. Work will include:

- Repair or replacement of deficient components such as street stairs, mezzanine to platform stairs, mezzanine floors, doors, windows, and interior and exterior walls.
- Platform repair.
- Modification of boarding area to comply with ADA standards.
- Repair of canopies.
- Station painting.

Duration of Contract 18 Months

C31308
BORING SERVICES: BK/Q/SI
$1M – $5M

The purpose of this project is to obtain reliable information about subsurface conditions at various sites in order to help insure the development of properly designed and constructed capital projects. Contract will be for test boring services within the boroughs of Brooklyn, Queens, and Staten Island to determine sub-surface soil conditions. Work will include:

- Test borings at various depths below the surface to develop a soil and rock profile.
- Preparation of test boring drawings and test boring logs to inform design work of capital projects.
- Monitoring wells with strainers will be installed in order to determine the level of the groundwater table at each location.
- Test wells and observation wells will be installed to conduct aquifer-pumping tests.
- Packer permeability of rock mass will be performed if rock is encountered.

Duration of Contract 42 Months

C31387
BORING SERVICES MANHATTAN & BRONX
$1M – $5M

The purpose of this project is to obtain reliable information about subsurface conditions at various sites in order to help insure the development of properly designed and constructed capital projects. Contract will be for test boring services within the boroughs of Manhattan and the Bronx to determine sub-surface soil conditions. Work will include:

- Test borings at various depths below the surface to develop a soil and rock profile.
- Preparation of test boring drawings and test boring logs to inform design work of capital projects.
- Monitoring wells with strainers will be installed in order to determine the level of the groundwater table at each location.
- Test wells and observation wells will be installed to conduct aquifer-pumping tests.
- Packer permeability of rock mass will be performed if rock is encountered.

Duration of Contract 42 Months

C40243
SHORELINE UPGRADE: KINGSBRIDGE DEPOT
$1M – $5M

Construction of shoreline erosion protection barrier to mitigate water damage to facility and equipment at Kingsbridge Depot.

- Furnish and install Rip-Rap along the Harlem River shoreline to prevent erosion.

Duration of Contract 11 Months

C40250
REPLACE EQUIPMENT AT JACKIE GLEASON DEPOT COMPRESSED NATURAL GAS FACILITY
$1M – $5M

Upgrade of existing facility equipment to include the following:

- Fabrication and installation of Compressed Natural Gas compressor with associated pulsation bottles, lube oil system, associated piping, tubing and valves, instrumentation, and controls.
- Refurbishment of the existing natural gas engine.
- Refurbishment of engine exhaust upgrade for existing stationary spark ignition reciprocating internal combustion engines.

Duration of Contract 12 Months

E31682
SANDY MITIGATION: 14 FAN PLANTS, LT - 2 LOCATIONS**
$10M – $50M

Long-term resiliency measures at 2nd St & 50th Avenue Fan Plant on the Flushing Line in Queens and South Ferry Fan Plant on the Lexington Line in Manhattan. Work is part of the initiative to address 14 critical fan plants across the system. Mitigation measures may include, but are not limited to, the following:

- 50th Ave. & 2nd St. - Construct new multi-level building envelope around existing facility, with exterior stair structure for roof access, relocate services as required to accommodate new structure, install new transformers on the roof of new facility.
- Uninstall and dispose of existing doors which have been identified for replacement; furnish and install new watertight flood doors.
- South Ferry: replace existing penthouse of same footprint with new penthouse above fortified shaft and install new platform on penthouse roof to support emergency generator.
- Furnish and install new watertight flood door at grade level, new grating at grade level, and relocate generator controls and related equipment.
- Contractor to seal conduit within eight (8) manholes total in Manhattan and Queens and provide for maintenance and protection of traffic as required.

Duration of Contract 19 Months

P36449 / C34839 / C31622
SANDY REPAIR & MITIGATION: POWER CABLE REPLACEMENT, LONG-TERM PERIMETER PROTECTION AND YARD PORTAL RESILIENCY - 148TH STREET YARD**
$10M – $50M

Repairs and long-term mitigation measures at 148th Street Yard in Manhattan to prevent flooding due to storm surges. Work will include:
- Replacement of power cables and hand switches.
- Implementation of mitigation measures such as seawalls, flood walls, and watertight gates.
- Implementation of flood mitigation measures for 148th Street Yard portal.

Duration of Contract 42 Months

P36696
RETROFIT EXISTING 25 HZ FREQUENCY CONVERTERS AT 10 SUBSTATIONS
$10M – $50M

Fabrication and installation of new frequency converters at 10 substations. Work includes:
- Remove existing frequency conversion enclosure.
- Furnish and install new frequency conversion equipment.

Duration of Contract 25 Months

New York City Transit
Brief Description of Work
JUL 2017

A37117
ADA: 86 STREET / 4TH AVENUE**
$10M – $50M

Incorporation of ADA accessibility at station. Work includes:
- Installation of two (2) ADA elevators.
- Construct elevator machine room and install equipment for elevator functions.
- Construct new staircase on west side of 4th Ave. at 86th Street.
- Replace section of DEP brick sewer adjacent to stair excavation and provide two new manholes.
- Reconstruct and reconfigure existing staircase and landing.

Duration of Contract 29 Months

B40495
REPLACEMENT OF OIL-WATER SEPARATORS AT 4 LOCATIONS**
$5M – $10M

Replacement of oil/water separators at the Castleton, Gun Hill, Manhattanville and Yukon Bus Depots.

Duration of Contract 19 Months

New York City Transit
Brief Description of Work
AUG 2017

A36150 / A37118
ADA: PHASE 2: 57 STREET - 7 AVENUE / BROADWAY**
OVER $50M

Provision of full ADA accessibility at the 57th Street Station on the BMT Broadway Line. Key elements include:
- Installing two new elevators; one for northbound platform and one for southbound platform.
- Relocating utilities.
- Extending the mezzanine.
- Constructing two new platform stairs.

New York City Transit
Brief Description of Work
AUG 2017
Duration of Contract 26 Months

A37109
ADA: GUN HILL RD / DYRE**
$10M – $50M

Implementation of accessibility components at Gun Hill Station to comply with the Americans with Disabilities Act (ADA), including:

- Installation of two hydraulic elevators.
- Construct elevator machine room and install equipment for elevator functions.
- Provide 35’ ADA boarding areas at platforms, platform edge warning strips and rubbing boards.
- Reconstruction of both south end platform extensions and repair pier walls supporting the main portion of the southbound platform.
- Construct a new station entrance canopy.
- Refurbish and relocate agent booth, reconfigure AFC fare array, and provide AFAS gate.
- Modify and reconstruct existing station rooms and control house.
- Provide additional communication work.

Duration of Contract 27 Months

A37111
ADA: 8 AVENUE SOUTHBOUND ELEVATOR / SEA BEACH**
$5M – $10M

Installation of ADA elevator to southbound platform of 8th Avenue Station on the Sea Beach Line in Brooklyn.

Duration of Contract 18 Months

B62028
STORAGE TANK COMPONENTS: EAST NEW YORK AND GUN HILL DEPOTS
$10M – $50M

Replacement/upgrade of existing underground diesel fuel tanks with above-ground storage tanks at Gun Hill Depot and upgrade of existing underground storage tank systems at East New York Depot.

Duration of Contract 19 Months

C34836/P36451
CONEY ISLAND YARD-SANDY MITIGATION: LONG-TERM PERIMETER PROTECTION & SANDY REPAIRS: CABLES AND COMMUNICATION EQUIPMENT
OVER $50M

Repairs and long-term mitigation measures at Coney Island Yard in Manhattan to prevent flooding due to storm surges. Work will include:

- Construct 10,500 linear feet of perimeter flood wall consisting of steel sheeting with a concrete panel façade on the exterior surface.
- Install nine (9) water-tight gates for pedestrian, vehicle and train access.
- Structural reinforcement of the walls of the traction motor shop.
- Improving storm water drainage channels and track drainage systems to carry flood water to collection systems and out of the yard.
- Four (4) new drainage detention systems with capacity to store up to 188,000 cubic feet of storm water.
- Build new cable bridges and duct banks to install traction power cables.
- Replace new positive, negative, control, and battery cables.
- Replace communication cables @ 116,000 feet.
- Replace forty (40) emergency alarms, fifty-five (55) emergency phones, and ninety (90) telephone terminal boxes.

Duration of Contract 66 Months

C48507
SANDY MITIGATION: LONG-TERM FLOOD PROTECTION: HAMMELS WYE**
$1M – $5M

Various improvements at Hammels Wye facility on the Far Rockaway and Rockaway Park Lines in Queens. Work will include:

- Installation of perimeter protection to prevent flood from storm surges.
- Installation of perimeter protection below reinforced concrete wall.
- Improvements to duct bank systems throughout site.
- Improvements to address stormwater flows.

Duration of Contract 14 Months

New York City Transit
Brief Description of Work
SEP 2017
A36998
PLATFORM COMPONENTS: 2 LOCATIONS / PELHAM
$1M – $5M
Repair of platform components at two stations on the Pelham Line in the Bronx: Longwood Avenue Station and Brook Avenue Station. Work may include the following:
- Installation of rubbing boards and tactile warning strips.
- Repair column based and cracks in floor toppings.
- Replace platform wall tiles.
Duration of Contract 14 Months

A37202
PLATFORM COMPONENTS: 2 LOCATIONS / LENOX
$1M – $5M
Repair and replacement of platform components at 148th Street-Lenox Terminal and Central Park North - 110th Street Station on the Lenox Avenue Line. Work will include:
- Replacement of platform edges and wall tiles.
- Installation of new rubbing board and tactile warning strips.
- Repair platform floor cement topping. Replace sections of floor topping as needed throughout (eliminate cracks) at platforms.
- Repair damaged beams and column bases.
- Survey and abate as required.
Duration of Contract 11 Months

A37673
STATION ENTRANCE: 8 AVENUE / SEA BEACH
$5M – $10M
Rehabilitation and reopening of the control house and overpass at the 7th Avenue end of 8th Avenue Subway Station on the Sea Beach Line in Brooklyn. Work will include, but is not limited to, the following:
- Restoration of platform stairs, floor, wall, and ceiling finishes throughout mezzanine.
- Restoration of overpass.
- Renovation of control house façade.
- Demolish fence and remove roll-up gates along 7th Avenue at the west side of the NYCT property.
- Landscape to convert parking area behind fence (between street and Control House) into a pedestrian plaza.
Duration of Contract 12 Months

B62032
SANDY MITIGATION: VARIOUS DEPOTS**
$10M – $50M
Implementation of short and long-term flood mitigation at four bus depots: Michael J. Quill, Yukon, Castleton and Casey Stengel. The flood mitigation/resiliency effort shall be designed for the flood criteria of at least the FEMA 100 year +1 level. Permanent and deployable mitigation measures will include, but not be limited to:
- Removable flood panel system and permanent perimeter protection.
- Installation of backflow preventers/check valves.
- Installation of waterproof doors and hurricane-grade windows.
- Replacement of sealant with hydrophilic sealant.
- Relocate utilities.
Duration of Contract 24 Months

C34843
UPGRADE CENTRAL ELECTRONICS SHOP, WOODSIDE FACILITY
$10M – $50M
Expansion of existing Central Electronics Shop at the Woodside Facility in Queens, including:
- Construction of additional office space for testing electronic components.
- Upgrade of electrical service.
Duration of Contract 18 Months

C34847
FIRE ALARM SYSTEM REPLACEMENT AT 3 BUS DEPOTS**
$10M – $50M
This project will furnish, install, and test complete fire alarm systems at three Department of Buses depot locations: Jackie Gleason, Manhattanville, and Gunhill. Work includes but is not limited to the following:
- Installing detection alarms, sprinkler/pump monitoring, HVAC control, elevator capture, fuel system control, sub panel/system monitoring, and spray booth control.
- Provide power to the fire alarm panel via a fuse cut-out box in each facility.
- Provide sequence of operation to interlock existing HVAC systems and Fans in each facility with the new Fire Alarm system as per applicable codes.

Duration of Contract 27 Months

C34915
OVERCOAT: PORTAL - KING’S HWY / CULVER
$10M – $50M
Overcoat painting of a section of elevated steel structure on the Culver Line in Brooklyn between Church Avenue Portal and Kings Highway.

Duration of Contract 32 Months

C40241
ELEVATOR UPGRADES: VARIOUS DEPOTS
$5M – $10M
Replacement of seven (7) elevator cabs and upgrade of associated elevator machine rooms at five (5) bus depots.

Duration of Contract 29 Months

C40257
EAST NEW YORK DEPOT WINDOWS AND FAÇADE
$5M – $10M
Window replacement and façade repairs at East New York Bus Depot. Work will include:
- Replacement of existing exterior louvers and window guards, removal and reinstall installation of existing window AC units.
- Repair and/or replacement of surrounding damaged masonry, lintels, and window sills, as necessary, to provide a complete weather tight system.
- Repair the exterior brick façade at the East New York Bus Depot where some of the materials have deteriorated as a result of age and the local environmental conditions.

Duration of Contract 11 Months

C43752
RTO FACILITIES: CHAMBERS ST / NASSAU LOOP
$10M – $50M
Reconstruct NYC Transit's Rapid Transit Operations Construction Flagging facility located at the Chambers Street Station on the Nassau Loop in Manhattan. The total area of rehabilitation and reconstruction totals approximately 7,600 sq. ft. The project will provide offices, M/F locker rooms and toilets, workshops, storage rooms, wash-up areas, mechanical rooms, EPR, heating, ventilation, electrical system, air conditioning, lighting, plumbing, flooring, painting, and communication systems.

Duration of Contract 24 Months

C48706
ELEVATED STRUCTURAL REHAB: LIVONIA YARD OVERPASS & RETAINING WALL
$5M – $10M
Rehabilitation of retaining walls and overpass at Livonia Yard. Work will include:
- Repair of deteriorated/spalling concrete and crack repair.
- Replacement of sections of retaining wall and façade beams.
- Repair of structural steel beams and columns at overpass, concrete deck repairs, and drainage improvements in Livonia Yard.

Duration of Contract 24 Months

SF01-2423
AUTOMATIC PASSENGER COUNTING (APC) - PILOT & PHASE 1 ROLLOUT
$10M – $50M
The project would develop and furnish an automated passenger counting system for a large subset of NYCT buses. Automatic Passenger Counting (APC) is one of three on-bus applications currently targeted for development using the Clever Devices Open Intelligent Vehicle Network (IVN) computer platform. The current proposal is limited to buses of model year 2008 or later, as these buses are equipped with the existing IVN. APC on-board hardware would include detection systems and all wiring needed to the WN. The specific hardware solution has not yet been selected.

Duration of Contract 24 Months
A36164
ADA: 68 ST-HUNTER COLLEGE / LEXINGTON**
OVER $50M

Incorporation of ADA accessibility at station including:

- Construct three (3) ADA Elevators: one street elevator and two platform elevators.
- Construct new stairs and associated mezzanine.
- Expansion of existing mezzanine.
- Widen and rehabilitate existing street stairs.
- ADA improvements: subway platform edge reconstruction, construct platform warning strip and handrails, modification of gates, modification of agent booth dealtrays, provision of MVMs (existing) and AFAS unit, TTY's and public phones, Braille signage, modification of employee toilets and locker room.
- Relocate utilities.

Duration of Contract 40 Months

A36988
PLATFORM COMPONENTS: 4 LOCATIONS / JEROME
$1M – $5M

Repair of platform components at Kingsbridge Road, 183 Street, Mount Eden Avenue, and 167th Street Stations on the Jerome Line in the Bronx, including:

- Platform edge repairs at all locations.
- Replacement of rubbing boards and tactile warning strips.
- Platform floor repairs at Mount Eden Avenue and 167th Street Stations.

Duration of Contract 10 Months

A37110
ADA: BEDFORD PARK BOULEVARD / CONCOURSE**
$10M – $50M

Implementation of accessibility components at Bedford Park Boulevard Station to comply with the Americans with Disabilities Act (ADA). Work includes, but is not limited to:

- Installation of three hydraulic elevators and associated equipment.
- Reconstruct and rehabilitate street stairs and mezzanine stairs.
- Modify and reconfigure mezzanine for elevators and street stairs.
- Reconfigure columns and girders.
- Modify platforms for ADA.
- Relocate utility and sewage lines.

Duration of Contract 28 Months

A37671
SANDY MITIGATION: 138 ST - GRAND CONCOURSE / JEROME (VENT BATTERY A)**
$1M – $5M

Rehabilitation of southern vents at 138th Street Station on the Jerome Line. In addition, Mechanical Closure Devices will be provided as part of flood mitigation.

- Demolish top of existing Ventilator Bay structure.
- Rebuild top of ventilators with new galvanized steel beams, heavy duty steel gratings and concrete slab.
- Demolish existing drip pans and concrete support beams under the south five bays of ventilator structure and rebuild new concrete drip pan with new galvanized steel support beams.
- Provide new cementitious waterproofing on drip pan surface and inside face of concrete curb.
- Provide spot repairs and crack repairs of concrete spalls at drip pan floor and ventilator walls.
- Remove and replace existing drains with associated piping.
- Relocate standpipe connection to outside of community garden fence.

Duration of Contract TBD Months

A46023
STATION RENEWAL: 138 STREET-GRAND CONCOURSE / JEROME**
$10M – $50M

Renewal of 138th Street-Grand Concourse Station on the Jerome Line. Work may include, but will not be limited to:

- Repair of street and platform stairs.
- Repair of platform components, including platform edge strip, warning strip, ADA boarding area, floor toping and column bases.
- Station painting.
  Duration of Contract 18 Months

C34838 / P36450 / P31623
SANDY REPAIR & MITIGATION: LONG-TERM PERIMETER PROTECTION, POWER CABLE REPLACEMENT AND YARD PORTAL RESILIENCY - 207TH STREET YARD**
OVER $50M

Repairs and long-term mitigation measures at 207th Street Yard in Manhattan to prevent flooding due to storm surges. Work may include:
- Replacement of power cables.
- Implementation of mitigation measures to protect 207th Street Yard, such as, seawalls, floodwalls, and backwater valves on drain inlet pipes.
- Implementation of flood mitigation measures for 207th Street Yard portal.

Duration of Contract 46 Months

C43844
LIVINGSTON PLAZA ELECTRICAL AND MECHANICAL SYSTEM IMPROVEMENTS
$10M – $50M

Mechanical and electrical construction improvements at 130 Livingston Plaza, including but not limited to the following tasks:
- Replace all original Power Distribution Units (PDUs) in the data center.
- Replace the data center generator and the building generator.
- Remove power conditioner and replace with transformer.
- Remove abandoned under floor cabling and provide under floor cable management system.
- Replace air conditioning units on each floor of the building.
- Replace building cooling towers and install a separate redundant cooling tower system dedicated to the data center.

Duration of Contract 38 Months

R34194
HEAVY SHOP EQUIPMENT PURCHASE & REPLACEMENT 2015-19
$5M – $10M

Purchase and replacement of critical shop equipment. Components may include, but are not limited to:
- Load testers.
- Wash tanks.
- Bridge cranes.
- Utility vehicles.

Duration of Contract 36 Months

R34255
PURCHASE OF 52 DIESEL ELECTRIC LOCOMOTIVES
OVER $50M

Purchase of 52 diesel electric locomotives to replace existing work equipment to address major capital project. Key uses include pulling flat cars, crane cars, hopper cars and other non self-propelled work cars to and from the work sites.

Duration of Contract 113 Months

SF01-2767
DEPOT BUS LOCATION SYSTEM (DBL) - NYCT DEPARTMENT OF BUSES
$10M – $50M

This project will develop and furnish a Depot Bus Location (DBL) system for all twenty-two (22) NYCT depots. This project will provide real-time information about location of buses inside a depot to improve fleet management and real-time entry/exit times for all buses to improve service management. Work description includes the following:
- DBL on-board hardware would include a simple RFID tag which is easily installed to the top of each bus with simple adhesive and requires no drilling or wiring on the bus.
- DBL tag reader sensors are installed throughout the depot at locations determined by depot site surveys.
- The DBL tag reader sensors are Ultra Wide Band (UWB) readers that are wired using CAT5 cabling that would be installed in the depot.
- The data from the DBL reader sensor is transmitted wirelessly to a hosted server application which processes the location data and feeds the data into any existing application.

Duration of Contract 24 Months
A36949
STATION COMPONENTS: AQUEDUCT-NORTH CONDUIT AV / RKY
$1M – $5M
Station component work at Aqueduct-North Conduit Avenue on the Rockaway Line in Queens, including:
- Platform canopy replacement.
- Light fixture replacement.
- Platform stair wall and ceiling concrete repair work.
- Replacement of expansion joints.
- Station component painting.
Duration of Contract 10 Months

A37120
ADA: EASTERN PARKWAY-BROOKLYN MUSEUM / EPK**
$10M – $50M
This project will provide Americans with Disabilities Act (ADA) accessibility at Eastern Parkway-Brooklyn Museum on the Eastern Parkway Line. Work will include:
- Installation of three elevators.
- Expansion of an existing stairway, mezzanine, platform areas adjacent to platform stairs, and boarding areas.
- Installation of platform warning strips and rubbing boards.
Duration of Contract 34 Months

A37124
ADA: 59 STREET / 4TH AVENUE**
$10M – $50M
Implementation of accessibility components to comply with the Americans with Disabilities Act (ADA), including:
- Installation of three (3) ADA-compliant elevators consisting of one Street to Mezzanine and two Mezzanine to Platform elevators.
- Modify and reconstruct mezzanine and street stairs.
- Extend southern end of north full time mezzanine and relocate employee support spaces.
- Provide a Head House for sidewalk elevator on the northwest corner of 4th Avenue at 59th Street.
- Construct Elevator Machine Rooms and install equipment for elevator functions.
- Provide AFC fare array and AFAS gate.
- Provide 40’ (min.) ADA boarding areas at platforms, platform edge warning strips, and rubbing boards on entire length of platform.
Duration of Contract 40 Months

A37200
PLATFORM COMPONENTS: 3 LOCATIONS / EPK, CLK
$1M – $5M
Repair of platform components at Clark Street on the Clark Street Line, and Hoyt Street and Nevins Street on the Eastern Parkway Line in Brooklyn. Work will include:
- Replacement of platform edges and tiles.
- Installation of rubbing boards and tactile warning strips.
- Repair of beams and ceiling spalls.
Duration of Contract 14 Months

A46024
STATION RENEWAL: BOROUGH HALL / LEXINGTON
$10M – $50M
Station renewal at Borough Hall Station on the Lexington line, including the following:
- Platform edge and wall tile replacement.
- Control line reconfiguration.
- Selected steel beam and girder repairs.
- Associated cable, conduit and utility relocations.
- Waterproofing of station roof.
Duration of Contract 28 Months

C31620
YARD CCTV, PHASE 2
$5M – $10M
To enhance the security of New York City Transit Train Yards and protection of transit employees, this project will cover all major entrances for train and vehicle areas at 207th Street Yard in Manhattan and Coney Island Yard in Brooklyn. Work includes but is not limited to:

- Installation of Laser Intrusion Detection System (LIDS).
- Installation of CCTV and components including digital cameras, monitors, network video recorders, keyboards, and digital video switching/multiplexing equipment.

Duration of Contract 22 Months

C34925
OVERCOAT: MYRTLE AVENUE - DESALES PLACE / JAMAICA**
$10M – $50M

Select structural repairs and painting of elevated line structure along two miles of the Jamaica Line, between Myrtle Avenue Station and De Sales Place. Work may include:

- Repair or replacement of priority steel components such as track girders, columns, gusset plates, or related components.
- Overcoat painting of all structural steel components and track-level structures to prevent corrosion.

Duration of Contract 32 Months

E30300
REPLACE TWO ESCALATORS: GRAND CENTRAL-42 STREET / LEXINGTON
$5M – $10M

Replacement of deficient escalators and stairs at 42nd Street-Grand Central on the Lexington Line in Manhattan. Work will include:

- Replacement of escalator controllers, status monitoring system, electrical panels, communications systems, Closed Circuit TV System, smoke and fire system and related components.
- Establishment of an Ethernet connection between Status Monitors and the Elevator and Escalator Control Desk.

Duration of Contract 23 Months

S34282
SANDY MITIGATION: BACKUP COMMAND CENTER UPGRADE**
$1M – $5M

Expansion of existing Backup Command Center, including:

- Fabrication and installation of a communications system between the Rail Control Center and the Backup Command Center, using existing fiber network.
- Fabrication and installation of CAT6 cable infrastructure in the BCC for desks that require access to the ATS-A and Canarsie CBTC systems.
- Fabrication and installation of workstations for accessing ATS-A and Canarsie CBTC systems at the BCC.

Duration of Contract 18 Months

W32801
INTEGRATED SERVICE AND INFORMATION MANAGEMENT B-DIVISION: MODULE 5A STATION NETWORK INFRASTRUCTURE
$10M – $50M

Installation of communication network infrastructure at stations and remote locations to connect the remote work stations and printers with the Rail Control Center (RCC).

Duration of Contract 25 Months

A37123
ADA: GREENPOINT AVENUE / CROSSTOWN**
$10M – $50M

Implementation of accessibility components to comply with the Americans with Disabilities Act (ADA), including:

- Installation of three (3) ADA-compliant elevators and related support infrastructure.
- Modification of fare collection area and mezzanine.
- Construction of ADA boarding areas at platforms.
- Installation of platform edge warning strips and rubbing boards.

Duration of Contract 29 Months
A37205
PLATFORM COMPONENTS: 2 LOCATIONS / CROSSTOWN
$5M – $10M
Replacement of platform components at Bedford-Nostrand Avenue and Fulton Street Stations on the Crosstown Line in Brooklyn. Work will includes but is not limited to:

- Clean all rust to bare metal on ceilings and columns and provide reinforcement repair as required. When necessary demolish and replace beam concrete encased.
- Repair/replace areas where existing ceiling exhibits cracking or spalls with corroded reinforcement and efflorescence.
- Repair column bases.
- Repair steel beams.

Duration of Contract 30 Months

A46018 / A37589 / A37106
STATION RENEWAL AND ADA: ASTORIA BOULEVARD / ASTORIA BLVD LINE
$10M – $50M
Station renewal and implementation of accessibility components at Astoria Boulevard Station on the Astoria Boulevard Line in Queens. Work will include:

- Installation of four (4) new hydraulic elevators and supporting equipment.
- Modifications to columns, girders, fare array, existing platforms, stairs and sidewalks at street level.
- Reconfiguration of station rooms.
- Repairs to platform column bases and canopies, as needed.

Duration of Contract 33 Months

B40612
AUTOMATED FUEL MANAGEMENT SYSTEM UPGRADE**
$1M – $5M
Installation of equipment necessary to upgrade the fuel tracking system at depots system-wide and integration of equipment into existing system hardware. Upgrade will include:

- Expansion of fluids tracks from only fuel to secondary fluids (e.g. motor oil, automatic transmission fluid, anti-freeze/coolant).
- Provide a terminal on each fuel island for user input.
- Installation of flow meters on all product lines and hose reels that do not currently have one in the fuel lines.

Duration of Contract 18 Months

C33600
OVERCOAT: EAST NEW YORK YARD & SHOP LEADS AND LOOPS**
$10M – $50M
Overcoat painting and priority steel repairs at East New York Lead and Loops, on the Jamaica and Canarsie Lines in Brooklyn.

Duration of Contract 21 Months

P36701
AVENUE Z SUBSTATION RENEWAL / CUL**
$10M – $50M
Fabrication and installation of power equipment for one substation in the vicinity of Avenue Z in Brooklyn and related work.

Duration of Contract 36 Months

New York City Transit
Brief Description of Work
JAN 2018

A35302 / A37116
STATION RECONSTRUCTION AND ADA: TIMES SQUARE, PHASE 3 - SHUTTLE**
OVER $50M
Duration of Contract 46 Months

A37119
ADA: CANARSIE-ROCKAWAY PKWY / CANARSIE**
$5M – $10M
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<thead>
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<td>INTERMODAL: ROCKAWAY PARKWAY / CANARSIE</td>
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<td>B62041</td>
<td>SANDY MITIGATION: ZEREGA CENTRAL MAINTENANCE FACILITY**</td>
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<td>OVERCOAT: BROADWAY - END OF LINE / MYRTLE**</td>
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<td>C40844</td>
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<td>REPLACE 12 TRACTION ELEVATORS / BROADWAY-7TH AVENUE**</td>
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<td>JAMAICA BUS TERMINAL RECONFIGURATION</td>
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<td>CONNECTION-ORIENTED ETHERNET (COE), PHASE 2 CORE UPGRADE</td>
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<td>12 Months</td>
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CONNECTION-ORIENTED ETHERNET (COE), PSIM ON BLADE SERVERS
$10M – $50M
Duration of Contract 12 Months

New York City Transit
Brief Description of Work
FEB 2018

ELECTRICAL DISTRIBUTION ROOM REPAIRS: POLICE DISTRICT OFFICE #20 - BRIARWOOD-VAN WYCK BLVD
$5M – $10M
Duration of Contract 12 Months

REHABILITATION OF AMBOY RD BRIDGE - STATEN ISLAND RAILWAY
$5M – $10M
Duration of Contract 12 Months

DUCT RECONSTRUCTION: STANTON STREET SUBSTATION / 6TH AVENUE
$5M – $10M
Duration of Contract 19 Months

REHAB CBH #586 / CUL**
$10M – $50M
Duration of Contract 24 Months

BURNSIDE AVE SUBSTATION RENEWAL - BX**
$10M – $50M
Duration of Contract 30 Months

PLATFORM COMPONENTS: 5 LOCATIONS / QUEENS BOULEVARD, ARCHER
$5M – $10M
Duration of Contract 17 Months

PLATFORM EDGES: 2 LOCATIONS / WHITE PLAINS ROAD
$500K – $1M
Duration of Contract 8 Months

SANDY REPAIRS: ROCKAWAY LINE WRAP-UP**
$10M – $50M
Duration of Contract 37 Months
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<td>C40900</td>
<td>SIGNAL ROOM FIRE SUPPRESSION, PHASE 2**</td>
<td>$5M – $10M</td>
<td>30 Months</td>
</tr>
<tr>
<td>E32627</td>
<td>REPLACE SUPERVISORY VENT CONTROLS - VARIOUS LOCATIONS**</td>
<td>$10M – $50M</td>
<td>48 Months</td>
</tr>
<tr>
<td>PW01-3824</td>
<td>SANDY RESILIENCY: DEPLOYABLE SUBSTATIONS**</td>
<td>$10M – $50M</td>
<td>18 Months</td>
</tr>
<tr>
<td>S47009/ S32398/ S32399</td>
<td>COMMUNICATION BASED TRAIN CONTROL (CBTC): TWO INTERLOCKINGS AND SIGNAL OVERLAY / CULVER LINE OVER $50M</td>
<td></td>
<td>59 Months</td>
</tr>
<tr>
<td>T45006 / T49003 / S32150</td>
<td>SANDY REPAIRS: 207 ST YARD - TRACK, SWITCHES AND SIGNALS** OVER $50M</td>
<td></td>
<td>66 Months</td>
</tr>
<tr>
<td>T80279</td>
<td>SANDY MITIGATION: ST. GEORGE**</td>
<td>$10M – $50M</td>
<td>24 Months</td>
</tr>
<tr>
<td>A36993</td>
<td>PLATFORM COMPONENTS: 3 LOCATIONS / NOSTRAND</td>
<td>$1M – $5M</td>
<td>11 Months</td>
</tr>
<tr>
<td>E31699</td>
<td>REHABILITATE FORSYTH ST. FAN PLANT</td>
<td>$10M – $50M</td>
<td>36 Months</td>
</tr>
<tr>
<td>R34253</td>
<td>PURCHASE 12 3-TON CRANE CARS</td>
<td>$10M – $50M</td>
<td>30 Months</td>
</tr>
</tbody>
</table>
R34256
PURCHASE TWO SIGNAL SUPPLY CARS
$5M – $10M
Duration of Contract 27 Months

S48006 / S32400
COMMUNICATION BASED TRAIN CONTROL: 8TH AVENUE
$5M – $10M
Duration of Contract TBD Months

New York City Transit
Brief Description of Work
MAY 2018

A36034
ADA: CHAMBERS STREET / NASSAU LOOP**
$10M – $50M
Duration of Contract 24 Months

B40665
PURCHASE 50 EXPRESS BUSES
$10M – $50M
Duration of Contract 17 Months

P36339
REPLACE CONTROL & BATTERY CABLE: 4 SUBSTATION CONTROL ZONES (2/3/5/8)
$10M – $50M
Duration of Contract 50 Months

S80501
SIR: UHF T-BAND RADIO SYSTEM REPLACEMENT
$10M – $50M
Duration of Contract 35 Months

W32557
UHF T-BAND RADIO SYSTEM REPLACEMENT
$10M – $50M
Duration of Contract 38 Months

Long Island Rail Road
Brief Description of Work
SEP 2017

L09411
NEW MID-SUFFOLK ELECTRIC YARD
OVER $50M
Construction of a new electric train storage yard south of and adjacent to existing train storage yard in Ronkonkoma. The new yard will include up to 11 tracks that can each hold 12-car electric trains. The yard will be constructed to include accommodations for light interior car cleaning, toilet servicing, inspection, and light repairs. The work also includes a new electric service substation, employee facility and material storage facility.

- Construct Lead track with interlocked signals, switches, and crossovers.
- Install up to 11 electrified lay-up tracks for 12-car consists and provide under-car inspection pits.
- Provide new electric service substation to supply traction power, and wayside power for yard lighting and yard activities, and for lay-up of diesel consists.
- Toilet servicing facilities and gated access for emergency toilet servicing truck.
- High security perimeter fencing and access gates, parking, walkways, and lighting.
- Employee welfare facilities.
L11139
MEADOWBROOK SUBSTATION REPLACEMENT**
OVER $50M

This project provides for the replacement of Meadowbrook Substation. Substations targeted under this project are located in areas of the LIRR with dense volumes of train traffic, thus placing a greater demand on the traction power system. The scope includes, demolition of the existing substation, construction of a new foundation, site work, procurement of a new modular substation, installation of the substation, testing and commissioning.

- Removal of switchgear, rectifiers, and transformers.
- Construction of new foundation.
- Installation of high security fence and new pre-fabricated modular substation buildings.
- Site grading and finishing.

Duration of Contract TBD Months

N00973
LYNBROOK STATION IMPROVEMENTS
UNDER $10M

Springfield Boulevard Bridge (LIRR Bridge No. 09-O-133) is located on the Main Line Branch. The project is for the replacement of the girder top plates, abutment wall repair, underdeck repairs, and partial platform replacement. Union Turnpike Bridge (LIRR Bridge No. 29-O-064) is located on the Montauk Branch. The single span, two track bridge carries only freight traffic. The bearings on the bridge are frozen and not functioning as designed. This project will rehabilitate the Union Turnpike railroad bridge for bearing replacements and bridge seats.

- Rehabilitate two platform level waiting rooms including windows, painting, new flooring, wall finish, ceiling, doors, lighting, signage, and benches.
- Replace Platform Canopies including new drainage, translucent canopy roof, and lighting.
- Rehabilitate platform stair enclosures including new windows and handrails.
- Install CCTV Cameras along canopies.

Duration of Contract 14 Months

Long Island Rail Road
Brief Description of Work
OCT 2017

E01930 & E02605 [Sandy]
LONG ISLAND CITY YARD RESTORATION / RESILIENCY**
$10M – $50M

Reconstruction of Tracks 9 through 12 including restoration of third rail systems; switch replacements; perimeter flood protection walls and gates; construction of car cleaning platforms; underground utilities; storm water detention and management system including flap valves, sumps, pumps, and chambers; raised track profiles [to raise elevation]; traction systems; noise mitigation strategies; and excavation/removal of excess soil. In addition, to properly stage work and minimize impact to operations, early construction to support restoration and mitigation will include installation of third rail systems on Tracks 7 and 8 [also enhances system resiliency] with a fueling safety interlock.

- New east end fueling [with spill collection pans].
- Underground duct banks with upgrades for future wayside power & for future third rail power.
- Fuel safety interlock between third rail facilities and diesel fueling to prevent simultaneous energizing of third rail and diesel on newly electrified tracks 7 & 8.
- New cleaning service platforms between Tracks 9 & 10 and Tracks 11 & 12.
- Remove excess soil.
- Asphalt roadways and walkways.
- Flood prevention measures including combination of yard perimeter protective barriers, storm drainage system modifications, and sump pits & pumps.

Duration of Contract 30 Months

Long Island Rail Road
Brief Description of Work
OCT 2017

L09367
JAMAICA CENTRAL CONTROL 6TH FLOOR THEATER
$10M – $50M

This project will provide the initial architectural fit-out of the CTC facility with furnishings and installation of:

- HVAC System and connection to Building Management System.
- Floor covering, interior finishes, walls, doors, and windows.
- New staircase.
- Acoustic treatments.
L11144
SUBSTATION COMPONENTS
$10M – $50M

This task provides improvements and necessary renovations to LIRR traction power transformers to insure ongoing operational reliability and compliance with safety regulations. This task provides improvements and necessary renovations to LIRR traction power transformers to insure ongoing operational reliability and compliance with safety regulations.

- Furnish and install twenty nine (29) 3MW extra heavy duty liquid filled rectifier transformers.
- Performance of factory testing on each individual transformer unit.
- Removal of scrapping of existing transformers and associated equipment.
- Delivery of each traction power transformer including rigging into place.
- Onsite final commissioning test on each individual transformer unit.

Duration of Contract 48 Months

Metro-North Railroad
Brief Description of Work
JUN 2017

E04175
REPLACE POWER CABLES - HARLEM RIVER LIFT BRIDGE**
$1M – $5M

This contract is to run new high voltage submarine power cables in existing micro tunnel between the Bronx and Manhattan sides of the Harlem River Lift Bridge. These cables will be used to provide backup power. Two step up transformers will be installed, one on either side of bridge so that the stepped up voltage will reduce the voltage drop and hence the cable size. The end result of this will be to transfer power from one side to another in case of power failure.

- Equipment Procurement.
- Run new high voltage cables thru existing micro tunnel, install transformers, disconnect switches and make final terminations on transformer primary/ secondary.
- Implement interlock scheme.
- Perform testing and commissioning.

Duration of Contract 10.13 Months

M10820
GCT 5C PREP FOR PTC OFFICE EQUIPMENT
$1M – $5M

This contract requires the build-out of an existing 1129 sq. ft. of unoccupied and unfinished space in the Grand Central 5th floor, Room 5C. In addition to Room 5C, work is required in adjacent areas, the 5th floor Training Simulation and Mechanical Rooms, the 6th floor Mechanical Room (Room 6C), and 7th and 3rd floor roof areas.

- Demolition of the existing HVAC and the build-out of the existing unoccupied and unfinished space with new HVAC System.
- Install rubberize structural roof for UPS (Uninterrupted Power Supply) and Computer rooms.
- Furnish and Install Standalone dedicated UPS and electrical system for both computer/server rooms with equipment racks.
- Furnish and Install FM 200 fire suppression system.
- Finish work areas for 24/7 Occupancy and Computer/Server Rooms.

Duration of Contract 6 Months

M10980
LOWER HARLEM STATION IMPROVEMENTS**
$10M – $50M

This contract is for the rehabilitation of the following Lower Harlem Stations: Botanical Garden, Williams Bridge, and Woodlawn stations. This “state of good repair” project will improve the surface of each platform, lights, signage, guardrails, benches, canopies, bird deterrent, etc. The project will also install four new elevators, two at Williams Bridge and two at Woodlawn. The existing stairs at Williams Bridge and Woodlawn will be replaced and the stairs at Botanical Garden will be rehabilitated. The customer communication systems will be upgraded with new Public Address and Variable Message Signs and the security systems will also be upgraded with new CCTV cameras at each station.

- Platform Rehabilitation including crack/spall repair, guard rail, shelter, lighting, CCTV, VMS, tactile warning strip, and customer amenities.
- New Elevators at Williams Bridge and Woodlaw.
- New Stairs at Williams Bridge and Woodlawn. Rehabilitated stairs at Botanical Garden.
• Rehabilitation of the historic Botanical Garden canopy.
• Overpass rehabilitation at Botanical Garden station.

Duration of Contract 28 Months

M10398
REHABILITATION OF HARLEM LINE BRIDGES HA 61.06 AND HA 61.36, PATTERSON, NY**
$5M – $10M

This contract provides for the replacement of two existing railroad bridges crossing over Croton River at Harlem Line Milepost's 61.06 and 61.36 in Patterson, Dutchess County, New York.

• Construction of temporary access road, bridge structures and retaining walls.
• Installation of micro pile foundations and concrete abutments.
• Construction of two (2) new 80 ft. span bridges parallel to the existing two for lateral slides during weekend outages.
• Installation of modular concrete retaining walls and restoration of wetlands.

Duration of Contract 18 Months

M10583
CONSTRUCTION - CITY WATER SUBSTATION**
$5M – $10M

This contract provides for the construction of a new substation near Milepost 35, between Chappaqua and Mount Kisco stations on Metro-North Railroad's Harlem Line, at the "City Water" site. The new substation will have proper pumps and pits, and critical equipment elevated where possible, to improve resiliency to flash flood conditions.

• Equipment procurement (traction power transformers, auxiliary transformers and negative reactor, AC switchgear, etc.).
• Two 13.8kV AC feeders (from ConEd) to this city water substation.
• Sectionalizing switch on each track outside substation to allow two existing substations (B-32-Chappaqua and B-36-Mt. Kisco) to be bridged.
• Run high voltage cables to the equipment listed above.
• Installation of pre-fab substation and all the equipment listed above.
• Perform testing, factory acceptance test and commissioning.

Duration of Contract 24.33 Months

M10707
UPPER HUDSON LINE STATION PRIORITY REPAIRS**
$5M – $10M

This contract is for construction of priority structural repairs at the following stations on Metro-North Railroad's Hudson Line. Poughkeepsie, New Hamburg, Beacon, Cold Spring, Garrison and Cortlandt. The objective of these structural priority repairs is to address deteriorating elements of the stations platforms and repair other severely deteriorated elements of the stations and to extend the useful life of the station platforms.

• Platform edges [trackside and field side].
• Platform hammerheads and piers.
• Platform bottom concrete spalls [concrete spalls on the underside of the platforms].
• Platform concrete spalls & level map cracks, expansion joints and surface coatings.

Duration of Contract 43.67 Months

M10717
HARLEM & NEW HAVEN LINE STATION PRIORITY REPAIRS**
$10M – $50M

This contract is for construction of priority structural repairs at the following stations on Metro-North Railroad's Harlem and New Haven Lines: (Harlem Line) - Southeast, Brewster, Croton Falls, Purdy's, Goldens Bridge, Katonah, Bedford Hills, Mount Kisco, Chappaqua, Pleasantville, Hawthorne, Mt Pleasant, Valhalla, North White Plains, White Plains, Hartsdale, Scarsdale and Crestwood. (New Haven Line) - Larchmont and Rye. The objective of these structural priority repairs is to address deteriorating elements of the stations platforms and repair other severely deteriorated elements of these stations and to extend the useful life of these station platforms.

• Platform edges [trackside and field side].
• Platform hammerheads and piers.
• Platform bottom concrete spalls [concrete spalls on the underside of the platforms].
• Platform concrete spalls & level map cracks, expansion joints and surface coatings.
Duration of Contract 43.67 Months

Metro-North Railroad
Brief Description of Work
JAN 2018

M10472
CONSTRUCTION-MOTT HAVEN - MOTOR ALTERNATORS**
$5M – $10M

This contract provides for the construction of the replacement of two motor alternator sets which are located in Mott Haven Yard. The signal substation motor alternator sets convert high voltage 60 HZ AC power to medium voltage AC power to serve as a primary feed for Metro-North North’s Signal systems. Mott Haven Yard is one of (6) locations serving the electrified territory of the Harlem and Hudson lines.

- Switchgear and controls to be replaced.
- Replace motor alternators with new smaller size motor alternators.
- Installation of new 600V Switchgear.
- Installation of new 5kv, 100 Hz switchgear.
- Installation of new 15kv, 60Hz Switchgear.
- Installation of 5 kv,15kv power and 600v control cable.

Duration of Contract 30.50 Months

M10964/M10433
BRIDGE NH25.74/RETAINING WALL NH25 PORT CHESTER NY**
$10M – $50M

This contract provides for the replacement of the existing four (4) track steel railroad bridge over Willet Avenue on the New Haven line at Milepost NH 25.74 in Port Chester, Westchester County, New York. The Contractor will rebuild one track at a time using Accelerated Construction Methods. Work will include a full steel superstructure replacement, soil anchors and partial concrete substructure rehabilitation. This contract will also include the replacement of the existing retaining wall in Port Chester adjacent to 149 South Main Street (NH Milepost 25.3)

- Conduct pre-construction activities for retaining wall including: survey of the existing conditions, providing support for Track 2 and relocate utilities.
- Demolish existing steel superstructure for all four tracks on bridge.
- Demolish existing top half of concrete abutments and wingwalls. Rebuild new concrete abutments and wingwalls.
- Install tie backs along face of abutments.
- Fabricate and install new steel structures (63 ft.).
- Repeat Tasks 2-5 for remaining three tracks, one track at a time.
- Construct new retaining wall.

Duration of Contract 24.37 Months

E03602
COMPETITIVE RESILIENCY POWER & SIGNALS**
$10M – $50M

The contract provides for the construction of flood resiliency improvements for selected traction power DC substations and train yard buildings located in flood prone areas along the Hudson Line. The flood resiliency improvements for DC substations include: perimeter protection, waterproofing and hardening, water level monitoring systems/alarms and water detection systems/alarms. The flood resiliency improvements also include the waterproofing and hardening of selected train yard buildings deemed critical for the safe operation of the railroad. The flood resiliency improvements will accomplish the following in the event of a flood surge: (1) provide protective measures to keep damaging and corrosive salt water out of vulnerable equipment (traction power substations and components; power, communications and signal equipment and infrastructure interlockings, and vulnerable yard locations to the extent possible); (2) minimize damage if salt does enter the system; and (3) expedite service restoration through resilient systems/processes.

- Reinforce concrete perimeter flood walls.
- Seal any and all wall penetrations and cable/conduit entries.
- Seal wall foundations.
- Provide deployable flood walls.
- Provide sump pumps and backup uninterrupted power supply system.
- Water level monitoring.

Duration of Contract 12.17 Months

M10191
HARLEM LINE EXPRESS CABLES
$10M – $50M

http://web.mta.info/mta/capital/eotf-descrit.htm
This contract consists of Contractor procurement, engineering, installation and testing of fiber optic and copper cables and related installation materials, enclosures, conduits, and hardware. The Work is to be performed on a contiguous section of Metro-North Railroad's Harlem Line from CP112 located south of the Woodlawn passenger station to CP154 located north of the Southeast passenger station. The work area is an overall distance of approximately 42 miles. The work site is on or in close proximity to an operating railroad with very heavy passenger traffic. The Contractor shall coordinate his activities with the Railroad, so that the operation of trains is not delayed or disrupted.

- Installation of aerial cables and support poles.
- Cable trough installation.
- Direct burial installations.
- Installation of hand holes, pull boxes and communication case.
- Installation of duct banks and conduits under roads and railroad tracks.
- Conduit and cable trough installations across bridge structures.

Duration of Contract 24 Months

M10870
HUDSON LINE EXPRESS CABLES**
OVER $50M

This contract consists of Contractor procurement, engineering, installation, testing of fiber optic, copper and signal power cables and related installation materials, enclosures, conduits, and hardware. The Work is to be performed on a contiguous section of Metro-North Railroad's Hudson Line from CP-35 located north of Croton Harmon Passenger Station to CP-75 located north of Poughkeepsie Passenger Station. The work area is an overall distance of approximately 40 miles. The work site is on or in close proximity to an operating railroad with very heavy passenger traffic. The Contractor shall coordinate his activities with the Railroad, so that the operation of trains is not delayed or disrupted.

- Cable trough installations.
- Direct burial installation.
- Installation of hand holes, pull boxes and communication cases.
- Installation of duct banks and conduits under roads and railroad tracks.
- Conduit and cable trough installations across bridge structures.

Duration of Contract 24.33 Months

M11015
DESIGN-BUILD EMU RUNNING REPAIR & SUPPORT SHOP
MORE THAN $100M

This contract will provide architectural, engineering, and construction services for the design and construction of a six-track, double-ended EMU Running Repair and Support shop in the Metro-North Harmon Yard. The new shop will include a ground floor with ten (10) married pair vehicle repair positions, and a partial second floor, which includes component repair workshops and multiple office areas. Provision shall be made to connect this Stage II building to the Stage I buildings (Consist Shop Facility and the EMU annex) via an overpass. Bid options are included for the design and construction of a blowshed facility and a coach shop elevator and rooftop overpass.

- Prepare and submit to Metro-North Railroad (MNR) for approval, the design development and final design documents for the EMU Running Repair and Support Shop building, associated site work, and any bid option(s) MNR chooses to exercise.
- Complete the demolition and legal disposal of the remaining west half of the existing Building 6 and the Building 5 storeroom and any other miscellaneous structures to accommodate the Stage II construction.
- Complete the construction of all site work including but not limited to utilities, gas services, drainage, grading, fire access roads, etc.
- Construct all track work and associated third rail.
- Complete the construction of the new Electric Car Running Repair and Support Shop and any applicable bid option(s).
- Test and commission all systems and shop equipment; conduct all operation and maintenance training sessions to MNR users prior to facility turn-over.

Duration of Contract 48 Months

RK-22
INTERIM REPAIRS TO THE FDR RAMP AT ROBERT F. KENNEDY BRIDGE
$10M – $50M

Under this Construction contract, the contractor will perform interim repairs to the FDR Ramp. The Scope of Work includes, but not limited to: rehabilitation of expansion joints and drainage systems, concrete repairs, curtain wall removal and tie plate replacement.

Duration of Contract 24 Months

RK-22
CONSTRUCTION MANAGEMENT SERVICES FOR RK-22 CONSTRUCTION CONTRACT AT THE ROBERT F. KENNEDY BRIDGE
$1M – $5M

Under this Construction Management contract, the consultant will provide construction administration work for RK-22 construction contract (Interim Repairs to the FDR Ramp at Robert F. Kennedy Bridge).
VN-89/VN-30
DESIGN-BUILD: REHABILITATION OF TOWER BASES, MOORING PLATFORMS AND ELEVATORS AT THE VERRAZANO-NARROWS BRIDGE
$10M – $50M

Under this Design-Build contract, the design-builder will prepare the design for and perform rehabilitation of the tower pedestals including resetting the granite cladding and repairs to the concrete base, replacement/relocation of tower dry standpipe mooring platform in Staten Island, and rehabilitation of the tower elevators.

Duration of Contract 24 Months

HC-64
DESIGN-BUILD: HUGH L. CAREY TUNNEL SERVICE BUILDING ELECTRICAL REHABILITATION
$1M – $5M

Under this Design-Build contract, the design-builder will design and construct the replacement/relocation of the outdated main electrical distribution equipment in the service building.

Duration of Contract 18 Months

RK-66
DESIGN-BUILD: RELOCATE 13KV SUBSTATION & UPGRADE / RELOCATE 5KV SUBSTATIONS @ RFK BRIDGE
$10M – $50M

Under this Design-Build contract, the design-builder will relocate the 13 kV substation and upgrade and relocate as necessary the three 5 kV substations located at the Robert Moses Building, Bronx Meter Room, and Manhattan Service Building. Work will also include relocation of the Robert Moses Building Boilers.

Duration of Contract 30 Months

VN-10
REHABILITATION OF THE BROOKLYN & STATEN ISLAND ANCHORAGES AT THE VERRAZANO-NARROWS BRIDGE
$1M – $5M

Under this Construction Management contract, the consultant will provide construction administration work for VN-10 construction contract (Rehabilitation of the Brooklyn & Staten Island Anchorages).

Duration of Contract 42 Months

HC-07
DESIGN-BUILD: REHABILITATION OF HUGH L. CAREY TUNNEL VENTILATION SYSTEM
OVER $50M

Under this Design-Build contract, the design-builder will design and construct the rehabilitation of the original fan motors, motor bearings, pedestals and mountings.

Duration of Contract 42 Months

VN-49
PAINTING OF SUSPENDED SPAN UPPER AND LOWER LEVEL STEEL & TRUSS AT THE VERRAZANO-NARROWS BRIDGE
$10M – $50M

Under this Construction contract, the contractor will perform painting of the suspended span (upper and lower level) steel and truss at the Verrazano-Narrows Bridge.
Duration of Contract 39 Months

CB-18
DESIGN-BUILD: SCOUR COUNTERMEASURES AND FENDER REPLACEMENTS AT THE MARINE PARKWAY BRIDGE AND CROSS BAY BRIDGE
$10M – $50M

Under this Design-Build contract, the design-builder will install scour protection countermeasures, environmental mitigations, and replace timber fenders at the Marine Parkway Bridge and Cross Bay Bridge.

Duration of Contract 27 Months

HC-30/QM-91
DESIGN-BUILD: INSTALL SMOKE DETECTION/SMOKE ALARM SYSTEMS AT QUEENS MIDTOWN TUNNEL/HUGH L. CAREY TUNNEL VENTILATION BUILDINGS AND SERVICE BUILDINGS
$5M – $10M

Under this Design-Build contract, the design-builder will prepare design for and perform construction installation of smoke detection/alarm systems in the tunnel ventilation buildings and service buildings.

Duration of Contract 30 Months

TN-49
CONSTRUCTION MANAGEMENT SERVICES FOR TN-49 CONSTRUCTION CONTRACT (REPLACEMENT OF SUSPENDED SPAN DECK AT THE THROGS NECK BRIDGE)
$10M – $50M

Under this Construction Management contract, the consultant will provide construction administration work for TN-49 construction contract (replacement of the suspended span deck at the Throgs Neck Bridge).

Duration of Contract 56 Months

TN-49
REPLACEMENT OF SUSPENDED SPAN DECK AT THE THROGS NECK BRIDGE OVER $50M

Under this Construction contract, the contractor will replace approximately 243,000 square feet of the existing deteriorated concrete grid roadway deck with a new Orthotropic deck system. Work includes utility replacement and replacement of the median barriers, parapets, and sign structures.

Duration of Contract 48 Months

VN-10
REHABILITATION OF THE BROOKLYN & STATEN ISLAND ANCHORAGES AT THE VERRAZANO-NARROWS BRIDGE
$10M – $50M

Under this Construction contract, the contractor will perform exterior and interior concrete repair and sealing at the Brooklyn and Staten Island anchorages of the Verrazano-Narrows Bridge (VNB), rehabilitation of the anchorage dehumidification chambers, and repairs to utilities, catwalks, and steel members within the anchorages.

- Coordinate with all stakeholders, including Maintenance and protection of Traffic.
- Improvements/repairs to elements within the anchorages such as lighting, drainage, catwalks and ladders, fire detection, steel repairs, and painting.
- Rehabilitation of the anchorage dehumidification chambers.
- Replacement of the dehumidification units.
- Civil work and drainage at the anchorage exteriors.

Duration of Contract 42 Months

Duration of Contract 39 Months

Bridges and Tunnels
Brief Description of Work
NOV 2017

HC-30/QM-91
DESIGN-BUILD: INSTALL SMOKE DETECTION/SMOKE ALARM SYSTEMS AT QUEENS MIDTOWN TUNNEL/HUGH L. CAREY TUNNEL VENTILATION BUILDINGS AND SERVICE BUILDINGS
$5M – $10M

Under this Design-Build contract, the design-builder will prepare design for and perform construction installation of smoke detection/alarm systems in the tunnel ventilation buildings and service buildings.

Duration of Contract 30 Months

TN-49
CONSTRUCTION MANAGEMENT SERVICES FOR TN-49 CONSTRUCTION CONTRACT (REPLACEMENT OF SUSPENDED SPAN DECK AT THE THROGS NECK BRIDGE)
$10M – $50M

Under this Construction Management contract, the consultant will provide construction administration work for TN-49 construction contract (replacement of the suspended span deck at the Throgs Neck Bridge).

Duration of Contract 56 Months

TN-49
REPLACEMENT OF SUSPENDED SPAN DECK AT THE THROGS NECK BRIDGE OVER $50M

Under this Construction contract, the contractor will replace approximately 243,000 square feet of the existing deteriorated concrete grid roadway deck with a new Orthotropic deck system. Work includes utility replacement and replacement of the median barriers, parapets, and sign structures.

Duration of Contract 48 Months

VN-10
REHABILITATION OF THE BROOKLYN & STATEN ISLAND ANCHORAGES AT THE VERRAZANO-NARROWS BRIDGE
$10M – $50M

Under this Construction contract, the contractor will perform exterior and interior concrete repair and sealing at the Brooklyn and Staten Island anchorages of the Verrazano-Narrows Bridge (VNB), rehabilitation of the anchorage dehumidification chambers, and repairs to utilities, catwalks, and steel members within the anchorages.

- Coordinate with all stakeholders, including Maintenance and protection of Traffic.
- Improvements/repairs to elements within the anchorages such as lighting, drainage, catwalks and ladders, fire detection, steel repairs, and painting.
- Rehabilitation of the anchorage dehumidification chambers.
- Replacement of the dehumidification units.
- Civil work and drainage at the anchorage exteriors.

Duration of Contract 42 Months

Duration of Contract 39 Months

Bridges and Tunnels
Brief Description of Work
NOV 2017

HC-30/QM-91
DESIGN-BUILD: INSTALL SMOKE DETECTION/SMOKE ALARM SYSTEMS AT QUEENS MIDTOWN TUNNEL/HUGH L. CAREY TUNNEL VENTILATION BUILDINGS AND SERVICE BUILDINGS
$5M – $10M

Under this Design-Build contract, the design-builder will prepare design for and perform construction installation of smoke detection/alarm systems in the tunnel ventilation buildings and service buildings.

Duration of Contract 30 Months

TN-49
CONSTRUCTION MANAGEMENT SERVICES FOR TN-49 CONSTRUCTION CONTRACT (REPLACEMENT OF SUSPENDED SPAN DECK AT THE THROGS NECK BRIDGE)
$10M – $50M

Under this Construction Management contract, the consultant will provide construction administration work for TN-49 construction contract (replacement of the suspended span deck at the Throgs Neck Bridge).

Duration of Contract 56 Months

TN-49
REPLACEMENT OF SUSPENDED SPAN DECK AT THE THROGS NECK BRIDGE OVER $50M

Under this Construction contract, the contractor will replace approximately 243,000 square feet of the existing deteriorated concrete grid roadway deck with a new Orthotropic deck system. Work includes utility replacement and replacement of the median barriers, parapets, and sign structures.

Duration of Contract 48 Months

VN-10
REHABILITATION OF THE BROOKLYN & STATEN ISLAND ANCHORAGES AT THE VERRAZANO-NARROWS BRIDGE
$10M – $50M

Under this Construction contract, the contractor will perform exterior and interior concrete repair and sealing at the Brooklyn and Staten Island anchorages of the Verrazano-Narrows Bridge (VNB), rehabilitation of the anchorage dehumidification chambers, and repairs to utilities, catwalks, and steel members within the anchorages.

- Coordinate with all stakeholders, including Maintenance and protection of Traffic.
- Improvements/repairs to elements within the anchorages such as lighting, drainage, catwalks and ladders, fire detection, steel repairs, and painting.
- Rehabilitation of the anchorage dehumidification chambers.
- Replacement of the dehumidification units.
- Civil work and drainage at the anchorage exteriors.

Duration of Contract 42 Months

Duration of Contract 39 Months

Bridges and Tunnels
Brief Description of Work
NOV 2017

HC-30/QM-91
DESIGN-BUILD: INSTALL SMOKE DETECTION/SMOKE ALARM SYSTEMS AT QUEENS MIDTOWN TUNNEL/HUGH L. CAREY TUNNEL VENTILATION BUILDINGS AND SERVICE BUILDINGS
$5M – $10M

Under this Design-Build contract, the design-builder will prepare design for and perform construction installation of smoke detection/alarm systems in the tunnel ventilation buildings and service buildings.

Duration of Contract 30 Months

TN-49
CONSTRUCTION MANAGEMENT SERVICES FOR TN-49 CONSTRUCTION CONTRACT (REPLACEMENT OF SUSPENDED SPAN DECK AT THE THROGS NECK BRIDGE)
$10M – $50M

Under this Construction Management contract, the consultant will provide construction administration work for TN-49 construction contract (replacement of the suspended span deck at the Throgs Neck Bridge).

Duration of Contract 56 Months

TN-49
REPLACEMENT OF SUSPENDED SPAN DECK AT THE THROGS NECK BRIDGE OVER $50M

Under this Construction contract, the contractor will replace approximately 243,000 square feet of the existing deteriorated concrete grid roadway deck with a new Orthotropic deck system. Work includes utility replacement and replacement of the median barriers, parapets, and sign structures.

Duration of Contract 48 Months

VN-10
REHABILITATION OF THE BROOKLYN & STATEN ISLAND ANCHORAGES AT THE VERRAZANO-NARROWS BRIDGE
$10M – $50M

Under this Construction contract, the contractor will perform exterior and interior concrete repair and sealing at the Brooklyn and Staten Island anchorages of the Verrazano-Narrows Bridge (VNB), rehabilitation of the anchorage dehumidification chambers, and repairs to utilities, catwalks, and steel members within the anchorages.

- Coordinate with all stakeholders, including Maintenance and protection of Traffic.
- Improvements/repairs to elements within the anchorages such as lighting, drainage, catwalks and ladders, fire detection, steel repairs, and painting.
- Rehabilitation of the anchorage dehumidification chambers.
- Replacement of the dehumidification units.
- Civil work and drainage at the anchorage exteriors.

Duration of Contract 42 Months

Duration of Contract 39 Months

Bridges and Tunnels
Brief Description of Work
NOV 2017

HC-30/QM-91
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Duration of Contract 42 Months
Under this Design-Build contract, the design-builder will design and construct a new Control Room at the Queens Midtown Tunnel; remodel the Hugh L. Carey Tunnel Control Room; build backup control rooms at the QMT and HCT; and update the existing tunnel electronic control systems at the QMT as well as at the HCT.

Duration of Contract 35 Months

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**VN-86**

ROADWAY IMPROVEMENTS TO THE BELT PARKWAY EASTBOUND MERGE  
$1M – $5M

Under this Design Services contract, the consultant will perform roadway improvements consisting of the construction of an additional eastbound lane on the Belt Parkway between the Verrazano-Narrows Bridge and Bay Parkway. This design shall include necessary roadway grading, alignment, construction details, drainage, MPT, and electrical work. Consultant shall assist B&T with permitting and inter-agency coordination.

Duration of Contract 33 Months

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**HC-07**

REHABILITATION OF THE HUGH L. CAREY TUNNEL VENTILATION SYSTEM  
$5M – $10M

Under this Construction Management contract, the consultant will provide construction administration work for HC-07 design-build contract (Rehabilitation of Hugh L. Carey Tunnel Ventilation System).

Duration of Contract 42 Months

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**CB-18**

CONSTRUCTION MANAGEMENT SERVICES FOR DESIGN-BUILD CB-18 CONTRACT, SCOUR COUNTER MEASURES AND FENDER REPLACEMENT AT THE MARINE PARKWAY BRIDGE AND CROSS BAY BRIDGE  
$1M – $5M

Under this Construction Management contract, the consultant will provide construction administration work for CB-18 Design-Build contract (Scour Countermeasures and Fender Replacement at the Marine Parkway and Cross Bay Bridges).

Duration of Contract 30 Months

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**CM015**

MISCELLANEOUS CONSTRUCTION ON AN AS-NEEDED BASIS**  
$10M – $50M

This contract is for the construction of an entrance into Grand Central Terminal (“GCT”). The work includes, heavy civil, mechanical, electrical and plumbing. The scope of work under this contract shall include but is not limited to:

- Underpinning building columns, install reframing and reconfigure utility services.
- Construction of CMU and storefront partitions, ceilings, chases, ventilation shafts, stairs, and doors.
- Floor finishes fit out of the new GCT surface entrance structure under 48th St.
- Installation of smoke exhaust shaft, HVAC, plumbing and fire protection.
- Installation of power, lighting, grounding and empty systems conduit and accessories.

Duration of Contract 24 Months

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**MC852**

MISCELLANEOUS CONSTRUCTION SERVICES ON AN AS-NEEDED BASIS**  
$10M – $50M

MTACC will enter into several contracts for miscellaneous construction services on an as-needed task-order basis. The firms awarded contracts through this solicitation will compete on individual Task Orders for work that includes but not limited to general construction, demolition, site excavation, structural steel repairs, plumbing, installation of catenary, tracks, signals, switches and roadway repairs.
### PS864
**GENERAL ENGINEERING CONSULTANT SERVICES FOR THE PENN STATION ACCESS PROJECT**

$50M – $100M

The Penn Station Access ("PSA") Project will connect Metro-North's New Haven Line to Penn Station in Manhattan via the Hell Gate Line and will add four new stations in the Bronx. The Scope of Work for this Contract includes but is not limited to design and engineering services for:

- Construction of and improvement of interlockings with associate signal.
- Installation of new tracks, realignment of the existing tracks and associated catenary work.
- Construction of AC and DC substations, upgrade traction power system and install new third rail.
- Construction of four new stations and replacement and/or upgrade under grade railroad bridges.
- Facility work at Penn Station, "C" Yard, and the New Rochelle Yard.
- Technical services as the Designer-of-Record to support construction.

Duration of Contract 36 Months

### CS086
**TUNNEL SYSTEMS PACKAGE 2, SIGNAL INSTALLATION FOR THE EAST SIDE ACCESS PROJECT**

$10M – $50M

This contract is for the installation of Federal Railroad Administration compliant signal equipment procured under a separate Contract (VS086). The installation work shall take place in the East Side Access ("ESA") Tunnels. The scope of work under this Contract includes but is not limited to:

- Installation of wayside railroad signal system equipment including track circuits, impedance bonds, home and automatic signals, cables and cases.
- Installation interfaces with ESA Control Systems.
- Install microprocessor-based Central Instrument Rooms.
- Test and Commission the complete signaling system in the ESA tunnels.
- Install tunnel and signal signage.

Duration of Contract 41 Months

### CH057D
**HAROLD TRACKWORK**

$50M – $100M

This contract includes track demolition and installation in the northeast and southeast quadrants of Harold Interlocking and, the future B/C Tunnel approach Structure at 39th Street. The work includes but is not limited to the demolition and installation of track and turnouts, track profiling, grading and drainage

Duration of Contract 15 Months

### CH058A
**HAROLD STRUCTURES PART 3A, B/C APPROACH STRUCTURE**

MORE THAN $100M

Duration of Contract 26 Months

### C40246
**CNG UPGRADE - COLLEGE POINT DEPOT**

Duration of Contract 36 Months
This project is for facility renovation and will consist of upgrading the existing CNG system at the College Point Depot. This project is FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.

Duration of Contract 18 Months

C-40247
CNG UPGRADE - SPRING CREEK DEPOT**
$5 – $6M
This project is for depot component rehab and will consist of upgrading the existing CNG system at the Spring Creek Depot. This project will be FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.

Duration of Contract 18 Months

C-40260
HVAC- COLLEGE POINT DEPOT**
$8M – $9M
This project will replace the HV and A/C units and associated equipment at the College Point Depot. This project is FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.

Duration of Contract 25 Months

C-40261
HVAC- SPRING CREEK DEPOT**
$3 – $4M
This project will replace the HV and A/C units and associated equipment at the Spring Creek Depot. This project is FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.

Duration of Contract 19 Months

09444
CONSTRUCTION MANAGEMENT SERVICES
$250K – $500K
Provide Construction oversight for various PD Capital projects:
- Project Management.
- Estimating.
- Scheduling.
- Value Engineering.

Duration of Contract 60 Months

N71001
PUBLIC SAFETY RADIO
$5M – $10M
Provides for replacement of wire and cabling, which currently is unable to to accept the new signalling for the MRRS project and with this will provide for the required In-Building coverage to planned out of doors coverage from the MRRS.

Duration of Contract 60 Months
### MTA Police Department

#### Brief Description of Work

**DEC 2017**

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Description</th>
<th>Cost Range</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>N01081</td>
<td>MTAPD RADIO PROJECT PHASE 3</td>
<td>$5M – $10M</td>
<td>48 Months</td>
</tr>
<tr>
<td>N01082</td>
<td>RADIO PROJECT PHASE 3</td>
<td>$5M – $10M</td>
<td>60 Months</td>
</tr>
<tr>
<td>N01090</td>
<td>HARRIMAN DISTRICT OFFICE</td>
<td>$500K – $1M</td>
<td><strong>Partially Funded by Federal grant(s)</strong></td>
</tr>
</tbody>
</table>

- **N01081 MTAPD RADIO PROJECT PHASE 3**
  - Provides for staffing to insure that prime and their subcontractors are meeting contractual requirements in the implementation of the MRRS.
  - Duration of Contract 48 Months

- **N01082 RADIO PROJECT PHASE 3**
  - Provides for a dedicated fiber-optic network to interconnect MRRS sites to Regional Distributed Control Points (DCP) and Central Cores.
  - Duration of Contract 60 Months

- **N01090 HARRIMAN DISTRICT OFFICE**
  - The building will be ~1500 SF and shall have the spaces indicated on attached drawing w/ potentially slight modifications. The new modular building is required to have the following rooms/spaces - two (2) 12-locker, locker rooms (men’s and women’s) w/ accompanying supervisors’ locker room, which have three (3) lockers, a break room, a reception room/area, a visitor’s restroom, a general office, a supervisor’s office, a utility room, an IT Room and a slop sink/janitor’s closet.
  - Duration of Contract Months
  - **Partially Funded by Federal grant(s)**