Welcome to the latest MTA "Eye on the Future," in which we present currently funded capital projects that are planned to be advertised from March 2018 through February 2019.

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 150 projects valued at approximately $3.19 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 $5.63 billion in economic activity for the New York region.

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

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

Yours truly,

Veronique Hakim
Managing Director

[Click here for Eye on the Future]
[Download a Printable PDF File]
Information About Contracts that Will Be Advertised for Professional Services, Construction, and Equipment Procurement

MARCH 2018 – FEBRUARY 2019

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Overview

This edition of An Eye on the Future contains information for prospective contractors, engineers, architects and vendors about contracts that are expected to be advertised for bids between March 2018 – February 2019 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
3. Projects already funded by Federal grants are noted in the solicitation schedule with an asterisk. Some of the other projects may become eligible for Federal funding in future grant applications.

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

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

Contacts

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


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

Security & Consulting Service
(Hong Kong City Transit ONLY)
Hosie Fason
Assistant Chief Procurement Officer
Materiel Division
MTA New York City Transit
2 Broadway, NY 10004
Telephone: (646) 252-6253
E-mail: hosie.fason@nyct.com

For all other contracts
Patricia Johnson
Senior Director
Materiel Division
MTA New York City Transit
2 Broadway, NY 10004
Telephone: (646) 252-6246
E-mail: 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
nj Jarvis@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
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.
Forecast of Contracts to be Advertised and Proposals to be Solicited

- Letter from the Managing Director
- Information About Contracts
- Forecast of Contracts and Proposals
- Brief Descriptions of Work to be Advertised
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  - MTA Bus Company
  - MTA Police Department

**New York City Transit**

<table>
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<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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<td>Construction</td>
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<td>Construction</td>
<td>MAR 2018</td>
<td>A44018 / A37589 / A37106</td>
<td>Station Renewal and ADA: Astoria Boulevard / Astoria Blvd Line**</td>
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<td>Construction</td>
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<td>207th St Overhaul Shop: Soil Remediation and Boiler Upgrade**</td>
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<td>East New York Depot Windows and Facade**</td>
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<td>Replace Supervisory Vent Controls - 11 Locs / Various</td>
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<td>Sandy Resiliency: Deployable Substations**</td>
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<td>ADA: 59 Street / 4th Avenue**</td>
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<td>Priority Repairs of Tiffany Central Warehouse Exterior Walls</td>
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<td>EDR Repairs: Police DO #20 - Brianwood-Van Wyck Blvd</td>
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<td>Replace 2 Escalators: Grand Central-42 Street / Lexington</td>
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<td>Replace One Hydraulic Elevator: GC-42 Street / Lexington</td>
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<td>ADA: Canarsie-Rockaway Pkwy / Canarsie**</td>
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<td>Sandy Mitigation: Internal Station Hardening- 6 Stations**</td>
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<td>Intermodal: Rockaway Parkway / Canarsie</td>
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<td>Roof Replacement: Tiffany Central Warehouse**</td>
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<td>Elev Structural Rehab: Livonia Yard Overpass &amp; Retaining Wall</td>
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<td>Sandy Mitigation: Backup Command Center Upgrade**</td>
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<td>Platform Edges and Components: White Plains Road, Pelham and Lenox</td>
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<td>Sandy Mitigation: 138 St - Gr Concourse/JER (Vent Battery A)**</td>
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<td>207 St Maintenance &amp; Overhaul Shop Roof &amp; Component Repair**</td>
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<td>Sandy Mitigation: Internal Tunnel Sealing - N/O Spring St/BAV**</td>
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<td>Communication Based Train Control (CBTC): Two Interlockings and Signal Overlay / Culver Line</td>
<td>S47009/S32398/S32399</td>
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<td>Construction</td>
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<td>DCE Shop Components, Phase 2: 239 St, Concourse, ENY</td>
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<td>Construction</td>
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<td>P36339</td>
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<td>Construction</td>
<td>JUL 2018</td>
<td>P36700</td>
<td>Replace High Tension Switchgear at 10 Substations</td>
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<td>$10M - $50M</td>
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<td>Construction</td>
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<td>SF01-7260</td>
<td>Jamaica Bus Terminal Reconfiguration</td>
<td>NYCT</td>
<td>$1M - $5M</td>
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<td>Purchase</td>
<td>JUL 2018</td>
<td>V32000</td>
<td>92 Non-Revenue Vehicles 2018-2019</td>
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<td>Construction</td>
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<td>P36474</td>
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<td>Construction</td>
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<td>SEP 2018</td>
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<td>SEP 2018</td>
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<td>SEP 2018</td>
<td>E34029</td>
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<td>Replace 6 Traction Elevators / 8 Avenue**</td>
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<td>OCT 2018</td>
<td>A36949</td>
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<td>Aqueduct-North Conduit Av / RKY</td>
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<td>OCT 2018</td>
<td>A36986</td>
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<td>Platform Components: 4 Locations / Queens Boulevard, Archer</td>
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<td>OCT 2018</td>
<td>A37250</td>
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<td>SIR Station Component Program</td>
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<td>Station Renewal: 111 Street / Flushing</td>
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<td>Station Renewal: 61 Street-Woodside / Flushing</td>
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<td>OCT 2018</td>
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<td>OCT 2018</td>
<td>C40269</td>
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<td>Artic Modification: East New York Depot**</td>
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<td>OCT 2018</td>
<td>C40273</td>
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<td>OCT 2018</td>
<td>C48719</td>
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<td>LSCRP:Station and Tunnel Priority Defect Repairs, 1-8 Av/CNR</td>
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<td>Consulting Services</td>
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<td>VariousEnvironmental Engineering Consultant Services - 6 contracts</td>
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<td>Systems Engineering - 5 contracts</td>
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<tr>
<td>Services</td>
<td>OCT 2018</td>
<td>Various</td>
<td>Cost Estimating Services - 6 contracts</td>
<td>NYCT</td>
<td>OVER $50M</td>
</tr>
<tr>
<td>Services</td>
<td>OCT 2018</td>
<td>Various</td>
<td>Hazardous Material Consultants: Lead and Asbestos Design and Monitoring and Related Services - 8 contracts</td>
<td>NYCT</td>
<td>OVER $50M</td>
</tr>
<tr>
<td>NOV 2018</td>
<td>C34845</td>
<td>DCE Shop Components, Ph 1:180 St, Coney Island, Pelham</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>DEC 2018</td>
<td>E31685</td>
<td>Sandy Mitigation: 14 Fan Plants, LT - 1 Loc, FP 7204**</td>
<td>NYCT</td>
<td>$5M - $10M</td>
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<tr>
<td>DEC 2018</td>
<td>E34025</td>
<td>Replace 2 Hydraulic Elevators: GC-42 Street / Lexington</td>
<td>NYCT</td>
<td>$5M - $10M</td>
<td></td>
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<tr>
<td>DEC 2018</td>
<td>E34026</td>
<td>Replace 11 Hydraulic Elevators / Various**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>DEC 2018</td>
<td>E34033</td>
<td>Replace One Hydraulic Elevator at GC / Flushing</td>
<td>NYCT</td>
<td>$1M - $5M</td>
<td></td>
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<tr>
<td>DEC 2018</td>
<td>P36483</td>
<td>Reconstruction of CBH # 392 - Flushing River Bridge</td>
<td>NYCT</td>
<td>$1M - $5M</td>
<td></td>
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<tr>
<td>DEC 2018</td>
<td>R34255</td>
<td>Purchase 35 Locomotives - Optn to Prchs up to addnl 35</td>
<td>NYCT</td>
<td>MORE THAN $100M</td>
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<tr>
<td>DEC 2018</td>
<td>R34256</td>
<td>Purchase of 2 Signal Supply Cars</td>
<td>NYCT</td>
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<tr>
<td>DEC 2018</td>
<td>S32400 / S48006</td>
<td>Communication Based Train Control (CBTC): Two Interlockings and Signal Overlay / 8 Avenue Line</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>DEC 2018</td>
<td>ST21-6633</td>
<td>Station Painting at Comp Location: Pelham Bay Park/Pelham</td>
<td>NYCT</td>
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<tr>
<td>JAN 2019</td>
<td>A37217</td>
<td>Platform Components: 10 Locations / Broadway-7th Avenue</td>
<td>NYCT</td>
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<tr>
<td>JAN 2019</td>
<td>C30401</td>
<td>Deep Wells: Nostrand Ph 2: Rehabilitate</td>
<td>NYCT</td>
<td>$5M - $10M</td>
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<tr>
<td>JAN 2019</td>
<td>C34841</td>
<td>DCE Shop Components, Phase 4: 207 St, Admin</td>
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<td>JAN 2019</td>
<td>C48704</td>
<td>LSCR: The Bronx (BXC)</td>
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<td>JAN 2019</td>
<td>P36317</td>
<td>New Substation: 28 Street / 8th Avenue</td>
<td>NYCT</td>
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<tr>
<td>JAN 2019</td>
<td>P36708</td>
<td>New Substation: Canal Street / 8th Avenue</td>
<td>NYCT</td>
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<tr>
<td>FEB 2019</td>
<td>A36988</td>
<td>Platform Components: 2 Locations / Jerome</td>
<td>NYCT</td>
<td>$500K - $1M</td>
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<tr>
<td>FEB 2019</td>
<td>C34928</td>
<td>Rehab Emergency Exits - Various Locs (3rd Party)</td>
<td>NYCT</td>
<td>$5M - $10M</td>
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<tr>
<td>FEB 2019</td>
<td>E34028</td>
<td>Replace 8 Traction Elevators / Various**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>FEB 2019</td>
<td>P36704</td>
<td>Sandy Mitigation: Montague-Furman Substation / BWY**</td>
<td>NYCT</td>
<td>$1M - $5M</td>
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</tr>
</tbody>
</table>

** Long Island Rail Road **

<p>| Construction | MAR 2018 | L10960 | Structural repairs and site work on the motor generator buildings at Greenlawn, Smithtown, and Port Jefferson. | LIRR | $1M - $5M |</p>
<table>
<thead>
<tr>
<th>Date</th>
<th>Code</th>
<th>Description</th>
<th>Agency</th>
<th>Cost Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 2018</td>
<td>L11024</td>
<td>Design/Furnish/Delivery of Wired Signal Instrument Huts and Cases for Beaver Interlocking and Johnson Avenue Yard**</td>
<td>LIRR</td>
<td>$5M - $10M</td>
</tr>
<tr>
<td>MAY 2018</td>
<td>L11281</td>
<td>Fabrication, testing, delivery, and setting of complete signal enclosures for the new Great Neck Pocket Track.**</td>
<td>LIRR</td>
<td>$1M - $5M</td>
</tr>
<tr>
<td>SEP 2018</td>
<td>L11409</td>
<td>Wreck Lead Bridge Mechanical Rehabilitation</td>
<td>LIRR</td>
<td>$250K - $500K</td>
</tr>
<tr>
<td>DEC 2018</td>
<td>L10350</td>
<td>Penn Station Substation Replacement</td>
<td>LIRR</td>
<td>$10M - $500K</td>
</tr>
<tr>
<td>JAN 2019</td>
<td>L11143</td>
<td>Substation Components**</td>
<td>LIRR</td>
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**Metro-North Railroad**

<table>
<thead>
<tr>
<th>Date</th>
<th>Code</th>
<th>Description</th>
<th>Agency</th>
<th>Cost Range</th>
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<tbody>
<tr>
<td>MAR 2018</td>
<td>M10578/M10580</td>
<td>Traction Power Transformer Rehabilitation</td>
<td>MNR</td>
<td>$1M - $5M</td>
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<tr>
<td>MAR 2018</td>
<td>M10583</td>
<td>Construction - City Water Substation</td>
<td>MNR</td>
<td>$10M - $50M</td>
</tr>
<tr>
<td>MAR 2018</td>
<td>M10914</td>
<td>Furnish/Installation Fire Suppression System</td>
<td>MNR</td>
<td>$500K - $1M</td>
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<tr>
<td>MAR 2018</td>
<td>M10991</td>
<td>Construction of Node House Roofs</td>
<td>MNR</td>
<td>$1M - $5M</td>
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<tr>
<td>MAR 2018</td>
<td>M11162</td>
<td>Purchase/Install DC Switchgear**</td>
<td>MNR</td>
<td>$9M - $12M</td>
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<tr>
<td>APR 2018</td>
<td>M10472</td>
<td>Construction-Mott Haven - Motor Alternators**</td>
<td>MNR</td>
<td>$5M - $10M</td>
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<tr>
<td>JUL 2018</td>
<td>M10964/M10433</td>
<td>Bridge NH25.74/Retaining Wall NH25 Port Chester NY**</td>
<td>MNR</td>
<td>$10M - $50M</td>
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<tr>
<td>AUG 2018</td>
<td>M10637</td>
<td>Construction - 6th Ave - Mount Vernon NY**</td>
<td>MNR</td>
<td>$5M - $10M</td>
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<tr>
<td>SEP 2018</td>
<td>M09124</td>
<td>Construction -10th Ave Bridge - Mount Vernon**</td>
<td>MNR</td>
<td>$5M - $10M</td>
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<tr>
<td>SEP 2018</td>
<td>M10398</td>
<td>Rehabilitation of Harlem Line Bridges HA 61.06 and HA 61.36, Patterson, NY**</td>
<td>MNR</td>
<td>$5M - $10M</td>
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<tr>
<td>SEP 2018</td>
<td>M10469</td>
<td>PBX Software/Hardware</td>
<td>MNR</td>
<td>$1M - $5M</td>
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<tr>
<td>SEP 2018</td>
<td>M10942</td>
<td>Design-Build - 3rd Ave Bridge Mount Vernon NY**</td>
<td>MNR</td>
<td>$5M - $10M</td>
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<tr>
<td>FEB 2019</td>
<td>E03602</td>
<td>Competitive Resiliency Power &amp; Signals**</td>
<td>MNR</td>
<td>$5M - $10M</td>
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</table>

**Bridges and Tunnels**

<table>
<thead>
<tr>
<th>Date</th>
<th>Code</th>
<th>Description</th>
<th>Agency</th>
<th>Cost Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 2018</td>
<td>CB-18</td>
<td>Quality Oversight Construction Management Services for Design-Build Contract CB-18: Scour Counter Measures and Fender Replacement at the Marine Parkway Bridge and Cross Bay Bridge</td>
<td>B&amp;T</td>
<td>$1M - $5M</td>
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<tr>
<td>APR 2018</td>
<td>HC-07</td>
<td>Construction and Design Quality Oversight Construction Management Services for Design-Build Contract HC-07: Rehabilitation of the Hugh L. Carey Tunnel Ventilation System and Fixed Fire Suppression System</td>
<td>B&amp;T</td>
<td>$5M - $10M</td>
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<tr>
<td>APR 2018</td>
<td>TN-49</td>
<td>Replacement of Suspended Span Deck at the Throgs Neck Bridge</td>
<td>B&amp;T</td>
<td>OVER $50M</td>
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<tr>
<td>Date</td>
<td>Contract</td>
<td>Project Description</td>
<td>Contractor</td>
<td>Cost Range</td>
</tr>
<tr>
<td>------------</td>
<td>-----------</td>
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<tr>
<td>Constr Mgmt. APR 2018</td>
<td>VN-32/VN-49</td>
<td>Construction Management Services for Construction Contract VN-32/VN-49: Steel Repairs and Concrete Rehabilitation and Painting of the Upper and Lower Level Steel of the Suspended Span at the Verrazano-Narrows Bridge</td>
<td>B&amp;T</td>
<td>$5M - $10M</td>
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<tr>
<td>Construction MAY 2018</td>
<td>VN-32/VN-49</td>
<td>Construction Management Services for Construction Contract VN-32/VN-49: Steel Repairs and Concrete Rehabilitation and Painting of the Upper and Lower Level Steel of the Suspended Span at the Verrazano-Narrows Bridge</td>
<td>B&amp;T</td>
<td>OVER $50M</td>
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<tr>
<td>Construction SEP 2018</td>
<td>RK-23C</td>
<td>Design-Build: Construction of New Harlem River Drive Connector Ramp from the Robert F. Kennedy Bridge</td>
<td>B&amp;T</td>
<td>OVER $50M</td>
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<tr>
<td>Special Services OCT 2018</td>
<td>VN-86</td>
<td>Design for the Widening of the Belt Parkway Ramps at the Verrazano-Narrows Bridge</td>
<td>B&amp;T</td>
<td>$1M - $5M</td>
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<tr>
<td>Constr Mgmt. DEC 2018</td>
<td>VN-11</td>
<td>Construction Management Services: Brooklyn/Gowanus Approach Reconstruction</td>
<td>B&amp;T</td>
<td>$1M - $5M</td>
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<tr>
<td>Constr Mgmt. DEC 2018</td>
<td>VN-84</td>
<td>Construction Management Services for Construction Contract VN-84: Reconstruction of the Verrazano-Narrows Bridge Approach Ramps</td>
<td>B&amp;T</td>
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<td>Construction FEB 2019</td>
<td>VN-11</td>
<td>Construction Management Services: Brooklyn/Gowanus Approach Reconstruction</td>
<td>B&amp;T</td>
<td>$10M - $50M</td>
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<tr>
<td>Construction MAR 2018</td>
<td>CH058A</td>
<td>Harold Structures Part 3A, B/C Approach Structure**</td>
<td>MTACC</td>
<td>$50M - $100M</td>
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<tr>
<td>MTA Bus</td>
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<tr>
<td>P.O. APR 2018</td>
<td>B-40668</td>
<td>257 Express Buses**</td>
<td>MTA BUS</td>
<td>MORE THAN $100M</td>
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<tr>
<td>Construction APR 2018</td>
<td>C-40246</td>
<td>CNG Upgrade- College Point Depot**</td>
<td>MTA BUS</td>
<td>$5M - $10M</td>
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<tr>
<td>Construction APR 2018</td>
<td>C-40260</td>
<td>HVAC- College Point Depot**</td>
<td>MTA BUS</td>
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<tr>
<td>Construction APR 2018</td>
<td>C-40261</td>
<td>HVAC- Spring Creek Depot**</td>
<td>MTA BUS</td>
<td>$1M - $5M</td>
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<tr>
<td>Construction JUL 2018</td>
<td>C-40247</td>
<td>CNG Upgrade- Spring Creek Depot**</td>
<td>MTA BUS</td>
<td>$5M - $10M</td>
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<td>MTA Police Department</td>
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<tr>
<td>Construction MAR 2018</td>
<td>N01083</td>
<td>Public Radio Phase 3</td>
<td>MTAPD</td>
<td>$5M - $10M</td>
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<tr>
<td>Constr Mgmt. APR 2018</td>
<td>N01118</td>
<td>Program Management</td>
<td>MTAPD</td>
<td>$500K - $1M</td>
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</tbody>
</table>

** Partially Funded by Federal grant(s)
Brief Descriptions of Work to be Advertised

- Letter from the Managing 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
MAR 2018

A35302 / A37116
**STATION RECONSTRUCTION: TIMES SQUARE, PHASE 3 - SHUTTLE**
MORE THAN $100M

Provide modifications at Times Square and Grand Central shuttle stations. At Times Square, conversion from a three-track to a two-track shuttle operation with a six-car train on each track. The existing platforms will be reconfigured into one twenty-eight foot wide platform which shall also be extended 360-feet easterly along the existing track alignment. Provide a second means of egress at the east end of the extended platform. Work will include:

- Provide vertical accessibility by installing a new twenty-foot (20') wide stairway from the shuttle mezzanine to street level. Provide a canopy over the new stairway and a new Control Area on the shuttle mezzanine.
- Remove approximately five (5) existing columns that fall within the footprint of the new Control Area and approximately sixteen (16) existing columns from the shuttle mezzanine.
- Modify structural system (underpinning of roof beams) at all column thinning locations to redistribute the loads.
- Remove existing Control Area R-153 in its entirety, stairs P-9 and S-12, and slab over.
- Relocate a total of 142 columns at the concourse area for proper alignment of car doors and to permit proper passenger flow.
- New communication rooms at Times Square and Grand Central Terminal Shuttle Stations.
- GCT scrubber room to be relocated from Shuttle passageway to Lex. Line GCT employee area.
- Removal of stair P-4 at GCT Shuttle Station and enlarge stair P-3.
- Restoration of condemned women’s locker room and restroom at Times Square.

Duration of Contract 46 Months

A36993
PLATFORM COMPONENTS: 3 LOCATIONS / NOSTRAND
$5M - $10M

The purpose of this project is to replace platform components at three (3) locations on the Nostrand Line (President St., Sterling St., and Winthrop St.). Work will include:
- Repairing deteriorated concrete at platform edges.
- The installation of rubbing boards.
- Repairing walls, columns and column bases.

Duration of Contract 11 Months

A36996
PLATFORM COMPONENTS: 6 LOCATIONS / CANARSIE
$10M - $50M

This project will eliminate deficient conditions of various components at the following Canarsie Line stations: 6th Avenue, 3rd Avenue, Morgan Avenue, Dekalb Avenue, Halsey Street, and Bushwick Avenue. Work will include:

- Replacement of concrete platform edges.
- The installation of rubbing boards.
- The provision of tactile warning strips.
- Repair and paint columns and column bases.
- Insulate water lines under platform edges and replace deteriorated brackets supporting the water lines under the platform edges.
- Additional communication work.

Duration of Contract 28 Months

A37120
ADA: EASTERN PARKWAY-BROOKLYN MUSEUM / EPK**
OVER $50M

This project will provide Americans with Disabilities Act (ADA) accessibility at Eastern Parkway-Brooklyn Museum on the Eastern Parkway Line. Work will include:

- Install 3 ADA elevators at Eastern Parkway - Brooklyn Museum: 1 from street to mezzanine and 2 from mezzanine to side platforms.
- 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

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

Implementation of accessibility components to comply with the Americans with Disabilities Act (ADA). Work will include:

- Install 3 ADA elevators at Greenpoint Ave: 1 from street to mezzanine and 2 from mezzanine to platforms.
- Modification of fare collection area and mezzanine.
- Construction of ADA boarding areas at platforms.
- Installation of platform edge warning strips and rubbing boards.
- Platform stairs P2 and P4 to be relocated, reconfigured, and reconstructed to meet the ADA and customer circulation requirements.
- Additional structural reconfiguration of existing mezzanine floor and fare array required based on the elevator/stair locations.

Duration of Contract 30 Months

A37205
PLATFORM COMPONENTS: BEDFORD-NOSTRAND AVS / CROSSTOWN
$1M - $5M

This project replaces platform components at Bedford-Nostrand Avenue station on the Crosstown Line in Brooklyn. Work includes:

- 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/replacement 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**
OVER $50M

Station renewal and implementation of accessibility components at Astoria Boulevard Station on the Astoria Boulevard Line in Queens.

- 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
C43897
207TH ST OVERHAUL SHOP: SOIL REMEDIATION AND BOILER UPGRADE**
$5M - $10M
This project will upgrade the boiler system at the 207th Street Overhaul Shop, Maintenance Shop, and Administration Building to comply with New York State Department of Environmental Conservation (NYSDEC) air emission regulations and permitting requirements. Work will include:
- Replacement of boiler fuel oil burners and head assemblies.
- Installation of a natural gas system.
- Installation of a new electric steam boiler.
- Soil remediation.
Duration of Contract 24 Months

C40257
EAST NEW YORK DEPOT WINDOWS AND FACADE**
$5M - $10M
This project shall provide all labor, materials, tools and equipment necessary for the replacement of all the exterior window units and for the cleaning, repairing, and restoring, the entire brick facade at the East New York Bus Depot. The work includes but is not limited to general construction, electrical work, and masonry. Work will include:
- Replacement of existing exterior louvers and window guards, removal and reinstallation 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

C40264
ROOF TOPPING & EXPANSION JOINTS: KINGSBRIDGE DEPOT
$1M - $5M
This project shall remove the existing roofing system and expansion joint at the Kingbridge Bus Depot maintenance buildings: Work will include:
- Installing new insulation, drainage strata and concrete topping slab.
- Replacing and installing all associated flashing, curbs, penetration and roof drains.
- Replacing the existing expansion joint.
- Repairing about 50’ of brick wall.
Duration of Contract 12 Months

C40265
ROOF TOPPING & EXPANSION JOINTS: MICHAEL J QUILL DEPOT
$1M - $5M
This project will replace over-aged or deteriorated sections of roof deck, concrete curb and expansion joints in kind at the Michael J Quill Bus Depot. Work will include:
- Roof topping demolition and replacement.
- Concrete work.
- Expansion joint demolition and replacement.
- Drainage repair and connection.
- Drip pan repair.
Duration of Contract 12 Months

C40900
SIGNAL ROOM FIRE SUPPRESSION, PHASE 2
$5M - $10M
This project will furnish and install fire suppression systems in four (4) signal rooms with one associated tower. Work will include:
- Reconfiguration of existing fire alarm panels and addition of new panels as necessary.
- Provision of power to fire alarm panels.
- Provision of requirements for Inergen tanks and room sealing details.
Duration of Contract 30 Months

C43844
LIVINGSTON PLZ ELECTRICAL AND MECHANICAL SYS IMPROVEMENTS
$10M - $50M
This project will upgrade the Electrical and Mechanical Infrastructure Systems and provide an additional redundant Emergency Generator System within the 130 Livingston Plaza Building. Work will include:
- 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.

**Duration of Contract 38 Months**

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**E32627**

REPLACE SUPERVISORY VENT CONTROLS - 11 LOCS / VARIOUS

$10M - $50M

The scope of the project calls for the replacement of existing obsolete PLC and relay logic control system for 11 fan plants with new programmable automation controller (PAC) system complete with associated human machine interface and electronics. Each fan plant shall be modernized in accordance with current NYCT requirements to be controlled and monitored via the Rail Control Center (RCC) and 40 Sands Street and also monitored at 2 Broadway. Work will include:

- Replacement of PLC and relay logic control system equipment, conduit and cables.
- Installation of new conduit, cables and fuse disconnect switches.
- Installation of fiber optic network, cabinets and panels.

**Duration of Contract 48 Months**

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**P36340**

SANDY RESILIENCY: DEPLOYABLE SUBSTATIONS**

$10M - $50M

This project will procure four (4) deployable battery power systems that are designed to replace the functionality of an existing substation in the NYCT system during emergency events. Contractor will provide site improvements at the Van Sinderen/Blake Substation and Avenue O Substation for the storage of the Deployable Battery Power Systems.

**Duration of Contract 25 Months**

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**New York City Transit**

**Brief Description of Work**

**APR 2018**

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**A36034**

ADA: CHAMBERS STREET / NASSAU LOOP**

$10M - $50M

This project will provide full ADA (Americans with Disabilities Act) accessibility at the Chambers Street Station on the BMT Nassau Loop in the Borough of Manhattan. Work will include:

- Modify existing ramps and stairs.
- Install three elevators.
- Construct new ramp.
- Build walkways and ramps from elevators.
- Provision of ADA boarding areas at platforms, platform edge warning strips and rubbing boards.
- Install new stairs from the south mezzanine to the elevated walkway.

**Duration of Contract 24 Months**

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**A37124**

ADA: 59 STREET / 4TH AVENUE**

$10M - $50M

The purpose of this project is to install 3 ADA elevators at 59th Street station in Brooklyn. One elevator will be from street to mezzanine and two will be mezzanine to island platforms. This project will provide vertical accessibility at the 59th Street Station of the Fourth Avenue Line (BMT). The work will include:

- Relocation of stairs.
- Installation of elevators.
- Reconfiguration of station rooms and bottom landing area between street stairs.
- Relocation of utility lines.

**Duration of Contract 40 Months**

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**C33891**

PRIORITY REPAIRS OF TIFFANY CENTRAL WAREHOUSE EXTERIOR WALLS

$1M - $5M

This project will provide for priority structural repairs to the building walls at the Tiffany Central Warehouse. Scope of work includes:
Demolish all existing tilt-up panels (2,364 LF) and replace them with new tilt-up panels capable of resisting additional hydrostatic forces resulting from SLOSH Cat. 2 + 3'.
Demolish and reconstruct all interior concrete columns.
Reinforce all existing interior steel columns.
Provide a French drain system along the interior perimeter of the facility to convey the seepage and reduce the uplift.
Provide deployable walls, such as stop-log system, at all large openings.
Replace all windows.
Design sump pump inside the facility.

Duration of Contract 24 Months

C34859
EDR REPAIRS: POLICE DO #20 - BRIARWOOD-VAN WYCK BLVD
$1M - $5M
This project will repair or replace the current electrical feed providing power to the police facility EDR, as well as replace the electrical distribution equipment inside the EDR. The work will include:

- Replacement of all damaged feeder cables with new, sealed cables.
- Replacement of the CT [Current Transformer] Cabinet, the Main Service Disconnect Switch and the Distribution Panel
- New Property Line Box (PLB) in the street, and ductwork from PLB to new switchboard.
- New generator with a load bank and/or reserve backup service.

Duration of Contract 17 Months

C43761
SANDY MITIGATION: CONSOLIDATED REVENUE FACILITY**
$5M - $10M
This project will provide an effective flood mitigation scheme to protect the Consolidated Revenue Facility located in Maspeth Queens. The project consists of a perimeter flood wall to protect against storm surges, as well as improvements of the drainage system to mitigate effects of heavy rain fall. Deployable floods walls will be used at the facility entrances to maintain access and will be deployed when a storm is forecasted to arrive. Work will include:

- The construction of a perimeter wall.
- The installation of pumps and a drainage system.
- The provision of deployable stop logs for all entrances/openings.

Duration of Contract 24 Months

C43762
SANDY MITIGATION: TIFFANY CENTRAL WAREHOUSE**
$10M - $50M
This project will repair and strengthen the building exterior wall at Tiffany Central Warehouse located in the Bronx. The existing wall requires repairs and the replacement wall will be built to also withstand flood loads from future storm events.

Duration of Contract 24 Months

E30300
REPLACE 2 ESCALATORS: GRAND CENTRAL-42 STREET / LEXINGTON
$10M - $50M
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

E34032
REPLACE ONE HYDRAULIC ELEVATOR: GC-42 STREET / LEXINGTON
$1M - $5M
This project provides for the replacement of one (1) elevator at Grand Central Station. Work will include:

- Installation of door, elevator cab and glass panels.
- Provision of lighting, outlets and ventilation.
- Replacement of cylinder and piston jack assembly.
- Provision of new pumps and drainage.
- Installation of telephone system and other communications equipment.

Duration of Contract 23 Months
A37119
ADA: CANARSIE-ROCKAWAY PKWY / CANARSIE**
$5M - $10M

This project will provide ADA upgrades at Rockaway Parkway station. This terminal station has a control house at-grade and is accessible via a non-ADA-compliant ramp. Intermodal access is also available from an adjacent NYCT bus terminal and an adjacent NYCDOT municipal parking lot. Work will include:

- Refurbishing booths and rooms.
- Provision of ADA ramps, handrails, platform edge warning strips and rubbing boards.
- Full platform edge replacement.
- Civil/structural work to replace one canopy column and beam.

Duration of Contract 18 Months

A37686
SANDY MITIGATION: INTERNAL STATION HARDENING- 6 STATIONS**
$10M - $50M

This project will provide protection to the equipment located in the communication and signal rooms from flooding for the following 6 Stations: -148th Street, Manhattan, Lennox Ave. Line. -86th St., Brooklyn, Sea Beach Line. -Beach 116th St., Queens, Far Rockaway Line. -Howard Beach, Queens, Far Rockaway Line. -Broad Channel Station, Far Rockaway Line. -Stillwell Ave. Station, D, F, N, and Q lines

Work will include:

- Construction of perimeter sheet pile wall.
- Sealing or waterproofing of openings, including conduits and louvers.
- Reinforcement of existing walls.
- Installation of French drain.
- Elevation of critical equipment.

Duration of Contract 14 Months

A38100
INTERMODAL: ROCKAWAY PARKWAY / CANARSIE
$1M - $5M

This project will rehabilitate the Rockaway Parkway Intermodal Facility to provide customers with an improved transfer between buses and subway, create improve bus loading areas and improve operational safety. Work will include:

- The creation of clearly defined entrances and exits for buses and pedestrians.
- Improving customer circulation within the bus terminal and allow for ease of transfers.
- Increase safety measures and precautions.
- Enhance the efficient movement or buses entering and exiting the terminal.
- Provide electric bus charging for the B42 bus.
- Accommodate articulated B82 buses.
- Improve site drainage.

Duration of Contract 18 Months

C33941
ROOF REPLACEMENT: TIFFANY CENTRAL WAREHOUSE**
$10M - $50M

This project will replace the existing single ply EPDM membrane roofing system at Tiffany Street Store Room. Work will include:

- The installation of new EPDM roofing system with new tapered insulation.
- Replacement and installation of all associated flashing, curbs, penetration flashing, expansion joints and roof drains.
- Installation of KeeGuard roof railing system.
- Parapet wall refurbishing.

Duration of Contract 24 Months

C48706
ELEV STRUCTURAL REHAB: LIVONIA YARD OVERPASS & RETAINING WALL
$10M - $50M

This project will repair concrete retaining and abutment walls surrounding the Livonia Car Maintenance Facility as well as repair steel and concrete at Linden Blvd. Overpass. Work will include:

- Repairing sections of deteriorated and spalling concrete as well as crack repair.
- Rebuilding sections of retaining walls and façade beams.
- Structural steel repairs of beams and columns at overpass as well as concrete deck repairs.
- Drainage improvements at Yard level.
• Contaminated soil disposal.
• Waste and storm water management.

Duration of Contract 21 Months

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

This project will provide remote workstations with operational functions of the ATS-A and CBTC Canarsie systems at existing Back Up Control Center (BCC) in the event that the Rail Control Center (RCC) is deemed uninhabitable and therefore must be evacuated due to a smoke condition or poisonous gas or any other conditions assuming all ATS system at RCC remain operational. Work will include:

• 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

New York City Transit
Brief Description of Work
JUN 2018

A36991 / A36998 / A37202
PLATFORM EDGES AND COMPONENTS: WHITE PLAINS ROAD, PELHAM AND LENOX
$1M - $5M

The purpose of this project will be to eliminate deficient conditions of various components at six locations in Manhattan and the Bronx. Work will include:

• Removing and repairing the platform edges.
• Installation of rubbing boards and tactile warning strips.
• Replacing existing rubbing boards with polyethylene rubber boards.
• Repair damaged beams and column bases.

Duration of Contract 14 Months

A37671
SANDY MITIGATION: 138 ST - GR CONCOURSE/JER (VENT BATTERY A)**
$5M - $10M

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. Work includes:

• Demolish the 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.

Duration of Contract TBD Months

A46023
138 STREET-GRAND CONCOURSE / JEROME
$10M - $50M

Renewal of 138th Street-Grand Concourse Station on the Jerome Line. Work will include:

• Repair of street and platform stairs.
• Repair of platform components, including platform edge strip, warning strip, ADA boarding area, floor topping, and column bases.
• Wall repair including prep, prime, and painting of walls above mosaic band throughout station.
• Reconstruction of ventilators.
• Replace all cement base at platform, stairs, and mezzanine.
• Complete removal and replacement of terracotta wall substrate at platform, stairs, and mezzanine.
• Remove porcelain enamel station name plates along with providing correct mosaic signs.
• Waterproofing platform wall.

Duration of Contract 18 Months

C34849
207 ST MAINTENANCE & OVERHAUL SHOP ROOF & COMPONENT REPAIR**
$10M - $50M
This project calls for the replacement of the roofing assembly on the Overhaul and Maintenance Shop at the 207th Street Yard in Manhattan, one of the largest, busiest, and most productive shops for NYCT. Additional, incidental mechanical, facade, and drainage repairs are also part of the project. Work will include:

- Remove existing roofing and provide new membrane, cover board, insulation and flashings.
- Install new sky lighting system with new aluminum frames and exhaust fans.
- Remove and replace windows and louvers.
- Repair brick walls.
- Concrete work.

Duration of Contract 40 Months

C34870
SANDY MITIGATION: INTERNAL TUNNEL SEALING - N/O SPRING ST/8AV**
$5M - $10M

This project will provide coastal storm flood protection of the West 4th Interlocking and adjoining tunnel segments. Deployable stop logs system to be set in place at the Spring street station (8th Avenue line). The system will allow rapid deployment of a track stop log system in advance of a coastal storm after system shut down. Work includes:

- Development of a deployable stop log system.
- Creation of a third rail gap to construct gate guide and stop logs.
- Provision of concrete walls to complete the seal at the track column lines.
- Cable and conduit sealing or encasement.

Duration of Contract 18 Months

S47009/ S32398/ S32399
COMMUNICATION BASED TRAIN CONTROL (CBTC): TWO INTERLOCKINGS AND SIGNAL OVERLAY / CULVER LINE
MORE THAN $100M

To implement Communication Based Train Control (CBTC) Overlay on the Culver Line from South of Church Ave. to north of W. 8th Street. Avenue X (part of the Culver Yard interlocking) shall become a separate interlocking and will be modernized under this contract. Ditmas Avenue interlocking will be reconfigured and modernized with reduced number of switches. Church Avenue interlocking will receive the additional switches designed into the interlocking that were never installed. Work will include:

- Modification of the Auxiliary Wayside System (AWS) to support CBTC operations.
- Installation of Zone Controllers at each interlocking.
- Modernization of the Avenue X, the Kings Highway and the Ditmas Avenue interlockings.

Duration of Contract 59 Months

New York City Transit
Brief Description of Work
JUL 2018

C34855
DCE SHOP COMPONENTS, PHASE 2: 239 ST, CONCOURSE, ENY
$10M - $50M

This project involves component replacement at 239th St, Concourse, and East New York Maintenance Facilities to state of good repair. Work will include:

- Concourse Maintenance Shop: electrical system upgrade, partial roof replacement, new exhaust fans to improve ventilation, repair of concrete aprons, walkways and roadways surrounding the shop.
- 239th Street Maintenance Shop: partial roof replacement, extending the crane to improve HVAC system maintenance for the trains, installing trench drains along pits, repairing access stairs to the shop, and installing new HEET.
- East New York Maintenance Shop: roof replacement and repair of hung ceilings damaged by water penetration, exhaust fan replacement, and repairing access stairs to the shop.

Duration of Contract 31 Months

E31699
REHABILITATE FORSYTH ST. FAN PLANT**
OVER $50M

This project will rehabilitate the ventilation facility at Forsythe & Delancy in the Borough of Manhattan. Work will include:

- Rehabilitation or closing of existing ventilation bays and construction of additional ventilation bays as determined by air velocity requirements.
- Mechanical work required for ventilation system, including provision of tube axial fans, dampers and control room work.
- Electrical work required in EDR and controls rooms, such as the installation of boxes, cabinets and boards.
- Instrumentation, control and fiber optic work involved to connect the fan plant to the Rail Control Center (RCC), such as cabinet and panel installation, running of fiber between fan plant and communications rooms.
- Provision of hatches for equipment and personnel access.

Duration of Contract 45 Months
**P36339**
REPL CONTROL & BATTERY CABLE: 4 SUBSTN CNTRL ZONES (2/3/5/8)
$10M - $50M

This project will replace Control and Battery cables to provide proper remote supervisory and control of various power equipment in Substations, Circuit Breaker Houses, and Fan Chambers in the Borough of Manhattan. Work will include:

- Power work: Furnishing and installing all battery and control cables, battery disconnect switches, and control terminal boxes.
- Civil work: Chemical grouting and spalling concrete repairs at manholes.
- Utilities work: Installation of duct bank.

Duration of Contract 25 Months

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**P36700**
REPLACE HIGH TENSION SWITCHGEAR AT 10 SUBSTATIONS
$10M - $50M

This project will replace high tension switchgear at ten (10) locations to modernize the switchgear and to provide adequate level of reliability to the electrical power system. Work will include:

- Furnishing and installing new AC high tension switchgear in each substation and all connections including new cables for Con Edison connection and from HT switchgear to transformer.
- Furnishing and installing new G & T device and AC breaker test station.
- Reinstalling existing power transforming, rectifier unit and auxiliary boxes.
- Installing new CTBs.

Duration of Contract 36 Months

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**SF01-7280**
JAMAICA BUS TERMINAL RECONFIGURATION
$1M - $5M

This project will reconfigure the Jamaica bus terminal located in Queens. The existing terminal is shared by NYC Transit, MTA Bus, and Long Island Bus. The reconstruction will improve pedestrian and passenger safety by eliminating bus back-up moves in the terminal and controlling pedestrian traffic in the terminal area by facilitating transfers between the boarding areas for the bus stops in the terminal and on Merrick Blvd.

Duration of Contract 7 Months

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**V32000**
92 NON-REVENUE VEHICLES 2018-2019
$10M - $50M

This project is for the purchase of additional non-revenue vehicle replacements in order to meet Diesel Emissions Retrofit Act (DERA) compliance requirements. These vehicles will be used by NYCT for essential services such as emergency response, material transportation, track repair and elevated structure repair. DERA rules require all non-revenue vehicles meeting certain specifications to comply with new emissions standards.

Duration of Contract 18 Months

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New York City Transit
Brief Description of Work
AUG 2018

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**C43752**
RTO FAC: CHAMBERS ST / NASSAU LOOP
$1M - $5M

This project will repair and refurbish rooms and HVAC upgrade at NYC Transit's Rapid Transit Operations Construction Flagging facility at the Chambers Str. Station on the Nassau Loop in Manhattan. Work will include:

- Constructing new facility designed to accommodate all designated rooms, furniture, etc.
- HVAC work.
- Communications work.
- Electrical work.

Duration of Contract 24 Months

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**P36474**
REHAB CBH # 5 - 53RD STREET
$5M - $10M

This project will rehabilitate CBH #5, on the Broadway Line in the Borough of Manhattan, to allow the safe rerouting of train services in case of emergency, normal maintenance, or upgrade work in the right of way.
• Furnishing and installing two new circuit breakers and mountings.
• Furnishing and installing new cables and associated supports.
• Concrete work.
• Communications work.

Duration of Contract 24 Months

T80279
SANDY MITIGATION: ST. GEORGE**
OVER $50M

This project will provide a flood mitigation scheme to protect the St. George Terminal Station and Yard. The purpose of the project is to develop feasible and effective flood mitigation measures and schemes which protect the yards against flooding from future storm events. The project consists of a perimeter flood wall to protect against storm surges, as well as improvements of the drainage system to mitigate effects of heavy rain fall. Work will include:

• The installation of flood walls.
• Installation of backflow prevention to the drainage system.
• Relocation of utilities and critical equipment as required.

Duration of Contract 24 Months

New York City Transit
Brief Description of Work
SEP 2018

A36164
ADA: 68 ST-HUNTER COLLEGE / LEXINGTON**
OVER $50M

This project will incorporate ADA accessibility at 68 St-Hunter College Station on the Lexington Line. Work will include 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, TTYs and public phones, Braille signage, and modifications of employee toilets and locker room. Work will also include:

• Construction of three (3) ADA Elevators: one street elevator and two platform elevators.
• Construction of new stairs and associated mezzanine.
• Expansion of the existing mezzanine.
• Construction of new platform stairs.

Duration of Contract 40 Months

C34869
SANDY MITIGATION: SEWER 207TH STREET**
OVER $50M

Duration of Contract 36 Months

E34029
REPLACE 6 TRACTION ELEVATORS / 8 AVENUE**
$10M - $50M

Duration of Contract 38 Months

New York City Transit
Brief Description of Work
OCT 2018

A36949
AQUEDUCT-NORTH CONDUIT AV / RKY
$1M - $5M

Duration of Contract 10 Months

A36986
PLATFORM COMPONENTS: 4 LOCATIONS / QUEENS BOULEVARD, ARCHER
$5M - $10M

Duration of Contract 17 Months
<table>
<thead>
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<th>Contract Number</th>
<th>Description</th>
<th>Cost Range</th>
<th>Duration of Contract</th>
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<td>A37250</td>
<td>SIR STATION COMPONENT PROGRAM</td>
<td>$1M - $5M</td>
<td>36 Months</td>
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<tr>
<td>A46026</td>
<td>STATION RENEWAL: 111 STREET / FLUSHING</td>
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<tr>
<td>A46027</td>
<td>STATION RENEWAL: 103 ST-CORONA PLAZA / FLUSHING</td>
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<tr>
<td>A46028</td>
<td>STATION RENEWAL: 82 STREET-JACKSON HEIGHTS / FLUSHING</td>
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<tr>
<td>A46029</td>
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<tr>
<td>A46030</td>
<td>STATION RENEWAL: 61 STREET-WOODSIDE / FLUSHING</td>
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<td>20 Months</td>
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<tr>
<td>A46031</td>
<td>STATION RENEWAL: 52 STREET / FLUSHING</td>
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<tr>
<td>C40269</td>
<td>ARTIC MODIFICATION: EAST NEW YORK DEPOT**</td>
<td>$10M - $50M</td>
<td>18 Months</td>
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<tr>
<td>C40273</td>
<td>NEW ROOF AT QUEENS VILLAGE DEPOT</td>
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<tr>
<td>C48719</td>
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<td>$10M - $50M</td>
<td>21 Months</td>
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<tr>
<td></td>
<td>Various ENVIRONMENTAL ENGINEERING CONSULTANT SERVICES - 6 CONTRACTS</td>
<td>OVER $50M</td>
<td></td>
</tr>
</tbody>
</table>

This series supports NYCT's in-house staff on a variety of issues, including, but not limited to property evaluation and acquisition, sustainable design and environmental impacts.
Various
SCHEDULING SERVICES - 6 CONTRACTS
OVER $50M

This series will provide Scheduling for NYCT Construction Contracts. Awardees will be considered confidential resources and potentially subject of conflicts of interest on projects they work on as NYCT preferred providers. This series is a new initiative that augments NYCT’s in-house department and replaces previous contract series that focused on providing qualified staff.

Duration of Contract 60 Months

Various
SYSTEMS ENGINEERING - 5 CONTRACTS
$10M - $50M

This series will support in-house planning, design and construction management projects as required by NYCT.

Duration of Contract 60 Months

Various
COST ESTIMATING SERVICES - 6 CONTRACTS
OVER $50M

This series will provide Cost Estimating for NYCT Design and Construction Contracts prior to award and at milestones. Awardees will be considered confidential resources and potentially subject of conflicts of interest on projects they work on as NYCT preferred providers. This series is a new initiative that augments NYCT’s in-house department and replaces previous contract series that focused on providing qualified staff.

Duration of Contract 60 Months

Various
HAZARDOUS MATERIAL CONSULTANTS: LEAD AND ASBESTOS DESIGN AND MONITORING AND RELATED SERVICES - 8 CONTRACTS
OVER $50M

This series supports NYCT's construction contracts working in tandem with Hazardous Material Contractors, General Contractors and in-house staff.

Duration of Contract 60 Months

New York City Transit
Brief Description of Work
NOV 2018

C34845
DCE SHOP COMPONENTS, PH 1:180 ST, CONEY ISLAND, PELHAM
$10M - $50M

Duration of Contract 28 Months

New York City Transit
Brief Description of Work
DEC 2018

E31685
SANDY MITIGATION: 14 FAN PLANTS, LT - 1 LOC, FP 7204**
$5M - $10M

Duration of Contract 18 Months

E34025
REPLACE 2 HYDRAULIC ELEVATORS: GC-42 STREET / LEXINGTON
$5M - $10M

Duration of Contract TBD Months

E34026
REPLACE 11 HYDRAULIC ELEVATORS / VARIOUS**

http://web.mta.info/mta/capital/efo-descip.htm
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<th>E34033</th>
<th>REPLACE ONE HYDRAULIC ELEVATOR AT GC / FLUSHING</th>
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<td>P36483</td>
<td>RECONSTRUCTION OF CBH # 392 - FLUSHING RIVER BRIDGE</td>
<td>$1M - $5M</td>
<td>Duration of Contract 24 Months</td>
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<tr>
<td>R34255</td>
<td>PURCHASE 35 LOCOMOTIVES - OPTN TO PRCHS UP TO ADDNL 35 MORE THAN $100M</td>
<td>$1M - $5M</td>
<td>Duration of Contract 113 Months</td>
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<tr>
<td>R34256</td>
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<td>S32400 / S48006</td>
<td>COMMUNICATION BASED TRAIN CONTROL (CBTC): TWO INTERLOCKINGS AND SIGNAL OVERLAY / 8 AVENUE LINE OVER $50M</td>
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<td>Duration of Contract 39 Months</td>
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<tr>
<td>ST21-6633</td>
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<td>A37217</td>
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<td>$10M - $50M</td>
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<tr>
<td>C34841</td>
<td>DCE SHOP COMPONENTS, PHASE 4: 207 ST, ADMIN</td>
<td>$5M - $10M</td>
<td>Duration of Contract 23 Months</td>
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</tbody>
</table>
New York City Transit

Brief Description of Work

FEB 2019

A36988
PLATFORM COMPONENTS: 2 LOCATIONS / JEROME
$500K - $1M
Duration of Contract 10 Months

C34928
REHAB EMERGENCY EXITS - VARIOUS LOCS (3RD PARTY)
$5M - $10M
Duration of Contract 24 Months

E34028
REPLACE 8 TRACTION ELEVATORS / VARIOUS**
$10M - $50M
Duration of Contract 38 Months

L10960
STRUCTURAL REPAIRS AND SITE WORK ON THE MOTOR GENERATOR BUILDINGS AT GREENLAWN, SMITHTOWN, AND PORT JEFFERSON.
$1M - $5M

Replacement of existing Signal Power Motor Generators and MG switch gears including transformers, circuit breakers, electrically operated switches [EO's], MG Controls including new battery system and state-of-the-art Programmable Logic Controller [PLC] system. Locations include Smithtown, Greenlawn, Port Jefferson, and Babylon. Work will include:

- Remove and replace steel roof and gutter system.
- Paint interior CMU and concrete floor.
- Remove and replace overhead garage door and 2 exterior steel doors and framing.
- Remove & replace fans and louvers [4 each].
- Remove and replace existing asphalt driveway.
- Remove existing chain link perimeter fence and install new 8’ high security fence.
- Partial removal of old ballast and installation and leveling of new ballast.

Long Island Rail Road

Brief Description of Work

MAR 2018

C48704
LSCRIP: THE BRONX (BXC)
$10M - $50M
Duration of Contract 49 Months

P36317
NEW SUBSTATION: 28 STREET / 8TH AVENUE
$10M - $50M
Duration of Contract 39 Months

P36708
NEW SUBSTATION: CANAL STREET / 8TH AVENUE
$10M - $50M
Duration of Contract 39 Months
L11024
DESIGN/FURNISH/DELIVERY OF WIRED SIGNAL INSTRUMENT HUTS AND CASES FOR BEAVER INTERLOCKING AND JOHNSON AVENUE YARD**
$5M - $10M

Project Scope includes a Third Party Signal Vendor to progress the existing 30% design to 100% design, and furnish and deliver wired signal instrument huts, battery huts, and signal cases. Also included is the vital and non-vital software necessary for the functionality of the equipment being provided, as specified in the 30% drawings and specifications associated with the procurement. Work will include:

- Produce 60%, 90%, and 100% designs for approval by LIRR and eventual fabrication of signal equipment by vendor.
- Vendor onsite technical support during LIRR field testing and cutover.
- Fabricate and test the following new signal equipment: two signal instrument huts, two battery huts, three signal cases.
- Delivery and rigging / placement onsite of all equipment.

Duration of Contract 15 Months

Long Island Rail Road
Brief Description of Work
MAY 2018

L11281
FABRICATION, TESTING, DELIVERY, AND SETTING OF COMPLETE SIGNAL ENCLOSURES FOR THE NEW GREAT NECK POCKET TRACK.**
$1M - $5M

Project Scope includes construction of an extension to the existing Pocket Track east of Great Neck Station on the Port Washington Branch. The extended Pocket Track will be located within the railroad Right of Way beneath Colonial Road Bridge and will accommodate a 12-car consist. Work will include:

- Manufacture, testing, delivery, and setting of complete signal enclosures for the new Great Neck Pocket Track.

Duration of Contract 15 Months

Long Island Rail Road
Brief Description of Work
SEP 2018

L11409
WRECK LEAD BRIDGE MECHANICAL REHABILITATION
$250K - $500K

The purpose of this project is to provide for a mechanical rehabilitation of the movable bridge components of the LIRR single leaf rolling lift thru-truss Bascule Bridge over Reynolds Channel (aka Wreck Lead Channel) on the Long Beach Branch in Island Park, Nassau County in order to reduce maintenance and prolong the life of the structure. Work will include:

- TBD by final design documents.

Duration of Contract 12 Months

Long Island Rail Road
Brief Description of Work
DEC 2018

L10350
PENN STATION SUBSTATION REPLACEMENT
$10M - $50M

Duration of Contract 24 Months

Long Island Rail Road
Brief Description of Work
JAN 2019

L11143
SUBSTATION COMPONENTS**
$1M - $5M
Duration of Contract 36 Months

Metro-North Railroad
Brief Description of Work
MAR 2018

M10578/M10580
TRACTION POWER TRANSFORMER REHABILITATION
$1M - $5M

This contract will provide for the rehabilitation of traction power transformers and relevant components at six (6) locations along Metro North's Hudson and Harlem lines (i.e. A10 Marble Hill, B24 NWP North, B29 Thornwood, B26 Kensico, B32 Chappaqua and B36 Mt Kisco). These sites have been selected and prioritized based on criticality, age, and condition. The transformers targeted for rehabilitation were installed between 1984 and 1998 and have surpassed their useful lives. Work will include:

- Transport of transformer from site to rehabilitation facility.
- Dismantling, rehabilitation, testing and certification.
- Transport of rehabilitated unit(s) back to site.
- Installation, testing, commissioning of new equipment.

Duration of Contract 20 Months

M10583
CONSTRUCTION - CITY WATER SUBSTATION
$10M - $50M

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. Work will include:

- 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 Months

M10914
FURNISH/INSTALLATION FIRE SUPPRESSION SYSTEM
$500K -$1M

The Contractor shall provide all surveys, field measure spaces, perform calculations, design systems, materials, labor, tools, equipment and hardware to furnish and install fully functional FM-200 Fire Suppression Systems or comparable clean agent system and do a complete testing of Fire Suppression Systems inside signal equipment houses at five (5) locations (see below) on Metro-North Railroad's right–of-way. The Contractor shall provide submittals for the 60% Design and 100% Design to Metro-North's engineer on all elements of the system to include but not be limited to hardware, electrical, installation, and testing. Hudson Line locations: CP-8 - Morris Heights, CP-39 - Cortland, CP-53 - Cold Spring Harlem Line locations: CP-113 - Fleetwood, CP-116 - Crestwood

- Perform surveys, calculations and field measurement inside signal equipment houses.
- Provide submittals, engineered diagrams on all elements of the system.
- Furnish and install fully functional FM-200 Fire Suppression Systems or comparable clean agent system.
- Test Fire Suppression Systems inside signal equipment houses.

Duration of Contract 12 Months

M10991
CONSTRUCTION OF NODE HOUSE ROOFS
$1M - $5M

This contract is for the survey of 36 locations for a 10'x 20' communication bungalow and furnishes, deliver and install new roofing system as needed. Metro North Railroad has 36 locations spread out on all three lines (Harlem, Hudson and New Haven) that have communication bungalows that require an assessment for the replacement of their roofs. The work includes survey and assessment of the current communication houses roof condition (includes water proofing membrane). Based on the determination of the findings the existing roofs must be replaced, as needed, with new roofing systems. The work must be performed in a matter that is non disruptive to railroad operations and free of damage to equipment within the space. Work will include:

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

Duration of Contract 14 Months
M11162
PURCHASE/INSTALL DC SWITCHGEAR**
$9M - $12M
This contract includes the acquisition of new substation components to provide necessary high-power capacity to meet present and future requirements of Metro North's EMU fleets. Obsolete and under capacity switchgear, reactors, and circuit breakers at nine (9) locations along Metro North's New Haven and Hudson lines will be replaced. The locations include: A-34 Harmon North, A-31 Ossining, A-29 Scarborough, A-26 Philippe Manor, A-22 Irvington, A-20 Dobbs Ferry, A-19 Hastings, A-17 Greystone and C-14 Mt. Vernon, East.
- Manufacture and delivery of DC substation components.
- Installation, testing, and commissioning of new equipment.
Duration of Contract 17 Months

Metro-North Railroad
Brief Description of Work
APR 2018

M10472
CONSTRUCTION-MOTT HAVEN - MOTOR ALTERNATORS**
$5M - $10M
This contract provides for the replacement of two motor alternator sets 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. Work will include:
- Switchgear and controls to be replaced.
- Replace motor alternators with new motor alternators.
- Installation of new 600V Switchgear.
- Installation of new 5kv, 100 Hz switchgear.
- Installation of new 15kv, 60 Hz Switchgear.
- Installation of 5 kw, 15kv power and 600v control cable.
Duration of Contract 28 Months

Metro-North Railroad
Brief Description of Work
JUL 2018

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 Metro-North Railroad's 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). Work will include:
- Conduct pre-construction activities for retaining wall including: survey of the existing conditions, providing support for Track 2 and relocate utilities. Construct new retaining wall.
- Install support of evaucation. Demolish existing steel superstructure on one track.
- Demolish existing top half of concrete abutments and wing walls. Rebuild new concrete abutments and wing walls.
- Install tie backs along face of abutments.
- Fabricate and install new steel structure (63 ft.).
- Repeat Tasks 2-5 for remaining three tracks, one track at a time.
Duration of Contract 24 Months

Metro-North Railroad
Brief Description of Work
AUG 2018

M10637
CONSTRUCTION - 6TH AVE - MOUNT VERNON NY**
$5M - $10M
This contract will provide for the superstructure replacement and substructure rehabilitation of the 6th Avenue bridge over Metro-North Railroad in the City of Mount Vernon. The Bridge will continue to be closed to vehicular traffic for a ten month period during construction. The construction contract includes the replacement of the existing timber deck vehicular bridge with a new redundant multi-stringer bridge supporting a concrete deck. Work will include:
- Track Level relocation of Metro-North Railroad signal side power lines.
- Demolition of the bridge superstructure and top of abutments.
- Rehabilitation of existing abutments and installation of rock anchors.
- Installation of the new bridge superstructure.

Duration of Contract 18 Months

Metro-North Railroad
Brief Description of Work
SEP 2018

M09124
CONSTRUCTION -10TH AVE BRIDGE - MOUNT VERNON**
$5M - $10M

This contract will provide for the superstructure replacement and substructure rehabilitation of the closed 10th Avenue bridge over Metro-North Railroad in the City of Mount Vernon. The Bridge will continue to be closed to vehicular traffic during construction. The construction contract includes the replacement of the existing timber deck vehicular bridge with a new redundant multi-stringer bridge supporting a concrete deck. An existing Con-Edison 345kV line on the bridge will be temporarily supported and reinstalled on the replacement bridge. In addition, a new high pressure gas main and electrical service ducts will also be provided. The top portions of the existing abutments will be modified to accommodate the new superstructure. The bridge approach work will include paving, sidewalks, signal intersection, utility work and architectural upgrades such as decorative planters, benches and sidewalk finishes. The relocation of Metro-North Railroad’s signal side power lines from the existing bridge is included in this contract. Work will include:

- Track Level relocation of Metro-North Railroad signal side power lines.
- Relocation of utilities (electric, gas).
- Temporary support of the existing 345kV oil static pipeline.
- Demolition of the existing superstructure, top of abutments.
- Rehabilitation of existing abutments and installation of rock anchors.
- Installation of the new bridge superstructure.

Duration of Contract 24 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 Metro-North Railroad's 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 24 Months

M10469
PBX SOFTWARE/HARDWARE
$1M - $5M

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

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

Duration of Contract 12 Months

M10942
DESIGN-BUILD - 3RD AVE BRIDGE MOUNT VERNON NY**
$5M - $10M

This contract will provide for the superstructure replacement and substructure rehabilitation of the currently closed 3rd Avenue Bridge over Metro-North Railroad in the City of Mount Vernon. The Bridge will remain closed to vehicular traffic during construction. The construction contract includes the replacement of the existing timber deck vehicular bridge with a new redundant multi-stringer bridge supporting a concrete deck. In addition, new low pressure gas main and electrical service ducts will also be provided. The top portions of the existing abutments will be modified to accommodate the new superstructure. The bridge approach work will include paving, sidewalks, signal intersection, utility work and architectural upgrades such as an enlarged sidewalk plaza, decorative planters, benches and sidewalk finishes The relocation of Metro-North signal side power lines from the existing bridge is included in this contract. Work will include:
- Track Level relocation of Metro-North Railroad signal side power lines.
- Relocation of utilities (electric, gas).
- Demolition of the existing superstructure, top of abutments.
- Rehabilitation of existing abutments and installation of rock anchors.
- Installation of the new bridge superstructure.
- Installation of remaining utilities, signal intersections and architectural elements.

Duration of Contract 18 Months

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E03602
COMPETITIVE RESILIENCY POWER & SIGNALS**
$5M - $10M

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. Work will include:

- Reinforce concrete perimeter flood walls.
- Seal any and all wall penetrations and cable/conduit entries.
- Seal wall foundations.
- Provide deployable flood barriers and gates.
- Water level monitoring.

Duration of Contract 22 Months

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BW-63/TN-63
CONSTRUCTION MANAGEMENT SERVICES FOR CONTRACT BW-63/TN-63: OPEN ROAD TOLLING INITIATIVE AT THE BRONX WHITESTONE BRIDGE AND THROGS NECK BRIDGE - PAVING AND LANDSCAPING
$1M - $5M

Under this Construction Management contract, the consultant will provide construction administration, inspection, and associated services for construction contract BW-63/TN-63. In addition, the consultant shall also provide all on-site inspection and ensure that the materials furnished and work performed are in accordance with the contract documents.

Duration of Contract 18 Months

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

Under this Quality Oversight Construction Management contract, the consultant will provide quality oversight work for Design-Build Contract CB-18: Scour Countermeasures and Fender Replacement at the Marine Parkway and Cross Bay Bridges.

Duration of Contract 30 Months

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BW-63/TN-63
CONSTRUCTION MANAGEMENT SERVICES FOR CONTRACT BW-63/TN-63: OPEN ROAD TOLLING INITIATIVE AT THE BRONX WHITESTONE BRIDGE AND THROGS NECK BRIDGE - PAVING AND LANDSCAPING
$10M - $50M

Under this Construction contract, the contractor will install a permanent roadway section constructed at its final alignment and profile, median barriers, new drainage, and new roadway lighting. In addition, the contractor will also perform necessary regrading incidental to the roadway, drainage, and landscaping work.
Duration of Contract 18 Months

HC-07
CONSTRUCTION AND DESIGN QUALITY OVERSIGHT CONSTRUCTION MANAGEMENT SERVICES FOR DESIGN-BUILD CONTRACT HC-07: REHABILITATION OF THE HUGH L. CAREY TUNNEL VENTILATION SYSTEM AND FIXED FIRE SUPPRESSION SYSTEM $5M - $10M

Under this Construction and Design Quality Oversight Construction Management contract, the consultant will provide quality oversight for Design-Build Contract HC-07: Rehabilitation of Hugh L. Carey Tunnel Ventilation System and Fixed Fire Suppression System.

Duration of Contract 42 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, including utility replacement and replacement of the median barriers, parapets, sign structures, and painting work.

Duration of Contract 43 Months

VN-32/VN-49
CONSTRUCTION MANAGEMENT SERVICES FOR CONSTRUCTION CONTRACT VN-32/VN-49: STEEL REPAIRS AND CONCRETE REHABILITATION AND PAINTING OF THE UPPER AND LOWER LEVEL STEEL OF THE SUSPENDED SPAN AT THE VERRAZANO-NARROWS BRIDGE $5M - $10M

Under this Construction Management contract, the consultant will provide construction administration work for Construction Contract VN-32/VN-49: Steel Repairs and Concrete Rehabilitation & Painting of the Upper and Lower Level Steel of the Suspended Span at the Verrazano-Narrows Bridge.

Duration of Contract 36 Months

Bridges and Tunnels
Brief Description of Work
MAY 2018

VN-32/VN-49
CONSTRUCTION MANAGEMENT SERVICES FOR CONSTRUCTION CONTRACT VN-32/VN-49: STEEL REPAIRS AND CONCRETE REHABILITATION AND PAINTING OF THE UPPER AND LOWER LEVEL STEEL OF THE SUSPENDED SPAN AT THE VERRAZANO-NARROWS BRIDGE OVER $50M

Under this Construction contract, the contractor will perform steel repairs and concrete rehabilitation work, as well as painting of the upper and lower level steel of the suspended span at the Verrazano-Narrows Bridge.

Duration of Contract 36 Months

Bridges and Tunnels
Brief Description of Work
SEP 2018

RK-23C
DESIGN-BUILD: CONSTRUCTION OF NEW HARLEM RIVER DRIVE CONNECTOR RAMP FROM THE ROBERT F. KENNEDY BRIDGE OVER $50M

Under this Design-Build contract, the design-builder will construct the new connector ramp to Harlem River Drive from the Robert F. Kennedy Bridge utilizing seven footings that are being constructed under a separate NYCDOT contract.

Duration of Contract 30 Months

RK-66
DESIGN-BUILD: ENHANCE ELECTRIC POWER RESILIENCY FOR ORT TOLLING INFRASTRUCTURE AT THE ROBERT F. KENNEDY BRIDGE AND FLOOD MITIGATION OF THE ROBERT MOSES BUILDING ELECTRICAL & MECHANICAL SYSTEM $10M - $50M

Under this Design-Build contract, the design-builder will design and construct a secondary feeder with ATS at the power sources of the Open Road Tolling infrastructures at the Robert F. Kennedy Bridge and will relocate the Robert Moses Building boilers and electric substation outside the building footprint to a location above design flood level.

Duration of Contract 24 Months
VN-86
DESIGN FOR THE WIDENING OF THE BELT PARKWAY RAMPS AT THE VERRAZANO-NARROWS BRIDGE
$1M - $5M

Under this Design contract, the consultant will produce a design for improvements at the merge of the Verrazano-Narrows Bridge off bound ramps to the Eastbound Belt Parkway, as well as for the widening of the Belt Parkway in the Eastbound direction from the Verrazano-Narrows Bridge ramps to the Bay Parkway interchange. In addition, the consultant will secure all necessary permitting, studies, and coordination with the various agencies that will need to approve this project.

Duration of Contract 30 Months

VN-11
CONSTRUCTION MANAGEMENT SERVICES: BROOKLYN/GOWANUS APPROACH RECONSTRUCTION
$1M - $5M

Under this Construction Management contract, the consultant will provide construction administration, inspection, and associated services for VN-11 construction contract that will widen the Gowanus Expressway from 92nd Street to Fort Hamilton Parkway. In addition, the consultant shall provide all on-site inspection and ensure that the materials furnished and the works performed are in accordance with the contract documents.

Duration of Contract 42 Months

VN-84
CONSTRUCTION MANAGEMENT SERVICES FOR CONSTRUCTION CONTRACT VN-84: RECONSTRUCTION OF THE VERRAZANO-NARROWS BRIDGE APPROACH RAMPS
$10M - $50M

Under this Construction Management contract, the consultant will provide construction administration work for the reconstruction of the Verrazano-Narrows Bridge Approach Ramps under contract VN-84.

Duration of Contract 50 Months

VN-11
CONSTRUCTION MANAGEMENT SERVICES: BROOKLYN/GOWANUS APPROACH RECONSTRUCTION
$10M - $50M

Under this Construction contract, the contractor will perform widening of the Gowanus Expressway from 92nd Street to Fort Hamilton Parkway.

Duration of Contract 42 Months

CH058A
HAROLD STRUCTURES PART 3A, B/C APPROACH STRUCTURE**
$50M - $100M

The primary work under this contract includes the installation of track and construction of a bridge, retaining walls, catenary poles, duct banks and other miscellaneous structures within the confines of the Sunnyside Yard/Harold Interlocking area. The scope of work includes:

- Excavate and construct Track approach structure.
- Construct new supports and stairs at the 39th Street Bridge.
- Install duct bank.
- Disassemble and remove TBM cutter-head.
- Construct a cut and cover open-box structure.
Duration of Contract 26 Months

MTA Bus

Brief Description of Work

APR 2018

B-40668

257 EXPRESS BUSES**

MORE THAN $100M

The purpose of this project is for the purchase of 257 45-foot diesel express buses to be operated by MTA Bus. The buses will be used for the replacement of over-aged fleet throughout the City that are beyond their useful life. The express buses will be designed to operate in revenue service for a useful life of 12 years or 500,000 miles, and will meet Environmental Protection Administration (EPA) emission standards as well as Americans with Disabilities Act (ADA) standards. This project is FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.

Duration of Contract 27 Months

C-40246

CNG UPGRADE- COLLEGE POINT DEPOT**

$5M - $10M

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-40260

HVAC- COLLEGE POINT DEPOT**

$5M - $10M

The purpose of this project is to replace the over-aged HV and A/C units and associated equipment that are beyond their useful life at College Point Depot. The existing HVAC equipment is inadequate and no longer complies with the New York State Energy code. The new HVAC will be designed and constructed with the latest energy efficiency and maintenance features, and will be in compliance with the current New York State Energy code. The heating system that serves the chassis wash areas will be modified, and a BMS system to monitor HVAC system will be installed. 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**

$1M - $5M

The purpose of this project is to replace the over-aged HV and A/C units and associated equipment that are beyond their useful life at Spring Creek Depot. The existing HVAC equipment is inadequate and no longer complies with the New York State Energy code. The new HVAC will be designed and constructed with the latest energy efficiency and maintenance features, and will be in compliance with the current New York State Energy code. The heating system that serves the chassis wash areas will be modified, and a BMS system to monitor HVAC system will be installed. 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

Duration of Contract 26 Months

MTA Bus

Brief Description of Work

JUL 2018

C-40247

CNG UPGRADE- SPRING CREEK DEPOT**

$5M - $10M

This project is for depot component rehab and will consist of upgrading the existing CNG system at the Spring Creek Depot. The work shall include the replacement of a natural gas dryer, two (2) compressor skids, CNG gas flow priority panel, PLC controls system, various CNG and compressed air piping, hoses, flexible connectors, and valves. Also included is a new three (3) sided enclosure building with roof, overhead crane system, gas leak detection system, camera security system, and lighting. This project is FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.

Duration of Contract 15 Months

http://web.mta.info/mta/capital/eotf-descr/p.htm
<table>
<thead>
<tr>
<th>Project Code</th>
<th>Description</th>
<th>Cost Range</th>
<th>Duration of Contract</th>
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<tbody>
<tr>
<td>N01083</td>
<td>PUBLIC RADIO PHASE 3</td>
<td>$5M - $10M</td>
<td>36 Months</td>
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<td>Provides for a dedicated fiber-optic network to connect Metropolitan Regional Radio System (MRRS) sites to Regional Distributed Control Points (DCP) and Central Cores.</td>
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<td>MTA Police Department</td>
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<td>APR 2018</td>
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<td>N01118</td>
<td>PROGRAM MANAGEMENT</td>
<td>$500K - $1M</td>
<td>48 Months</td>
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<td>Provide Construction oversight for various PD Capital projects.</td>
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<tr>
<td></td>
<td>** Partially Funded by Federal grant(s)</td>
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