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 2016 through February 2017.

The "Eye" is hosted along with other information and resources about the MTA Capital Program in one convenient location. It is another part of how we are improving the way we do business and we hope that you find it to be useful.

The MTA Capital Program is not only very important for the safety and reliability of the MTA transportation system; it is also vital to the regional economy. As described in this issue of the "Eye," the MTA is preparing to undertake 83 projects valued at more than $5.0 billion in capital work that spans many areas, including civil, structural, and electrical, as well as new technologies. These projects are vital to the reliability, growth and resiliency of the system and contribute to the regional economy. This amount of investment is projected to generate approximately $10 billion in economic activity for the New York region.

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,

Thomas F. Prendergast
Chairman and Chief Executive Officer

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

March 2016 – February 2017

Letter from the Chairman

Information About Contracts
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- Contacts
- Selected Contract Provisions

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

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 2016 – February 2017 by the Metropolitan Transportation Authority’s operating agencies.

In 1993 the MTA board approved a new service identity program for the MTA family of agencies. The identity program provides for the use of the above popular names to make clear to our customers that the various MTA affiliates and subsidiaries constitute an integrated regional transportation network. However, for all procurement documents and official transactions, the agencies retain their legal names: New York City Transit Authority, Staten Island
Rapid Transit Operating Authority, the Long Island Rail Road Company, Metro-North Commuter Railroad Company, Triborough Bridge and Tunnel Authority, Capital Construction and Bus Company.

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

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

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

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

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

Contacts

Further information about contracts advertised here can be obtained by contacting respective agency representatives:

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

**Security & Consulting Service for NEW YORK CITY TRANSIT ONLY**

Mr. Joseph Paldino
Assistant Chief Procurement Officer
Materiel Division
MTA New York City Transit
2 Broadway
New York, NY 10004
Telephone: (646) 252-6330
Fax: (646) 252-6099
Email: joseph.paldino@nyct.com

**For all other contracts**

Mr. Robert Eskenazi
Senior Director Materiel Division
MTA New York City Transit
2 Broadway
New York, NY 10004
Telephone: (646) 252-6258
Fax: (646) 252-6144
Email: robert.eskenazi@nyct.com

**MTA METRO-NORTH RAILROAD**

Mr. Charles F. Hansen
Deputy Director - Capital Procurement
MTA Metro-North Railroad
347 Madison Avenue 14th Floor
New York, New York 10017-3706
Telephone: (212) 340-3262
Fax: (212) 340-4034
E-mail: hansen@mnr.org

**MTA LONG ISLAND RAIL ROAD**

Nelda Jarvis Jenkins
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.

7. 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.

8. 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.

9. 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.

10. 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 Chairman**

**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**

**March 2016 – February 2017**

<table>
<thead>
<tr>
<th>Type of Contract</th>
<th>Solic Month</th>
<th>Reference Number</th>
<th>Contract Description</th>
<th>Agency</th>
<th>Range</th>
</tr>
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<tbody>
<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td><strong>BW-39/RK-60</strong></td>
<td>Design-build Installation of Facility-wide Electronic Monitoring and Detection System</td>
<td>B&amp;T</td>
<td>OVER $50M</td>
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<tr>
<td>Special Services</td>
<td>MAR 2016</td>
<td><strong>HH-07/HH-30</strong></td>
<td>Miscellaneous Structural Rehabilitation and Overcoat Painting at Henry Hudson Bridge</td>
<td>B&amp;T</td>
<td>$1M - $5M</td>
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<tr>
<td>Constr Mgmt</td>
<td>MAR 2016</td>
<td><strong>HH-13A/HH-88B</strong></td>
<td>Construction Management Services for HH-13A/HH-88B (Reconstruction)</td>
<td>B&amp;T</td>
<td>$5M - $10M</td>
</tr>
<tr>
<td>Type of Contract</td>
<td>Solic Month</td>
<td>Reference Number</td>
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<tr>
<td>Special Services</td>
<td>MAR 2016</td>
<td>QM-18 Phase 2</td>
<td>Design for Manhattan and Queens Plaza Structural Rehabilitation</td>
<td>B&amp;T</td>
<td>$1M - $5M</td>
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<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>RK-21</td>
<td>Design/Build Installation of Fire Standpipe &amp; Upgrade of Fire Protection System</td>
<td>B&amp;T</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr Mgmt</td>
<td>MAR 2016</td>
<td>TUN-MIT-01</td>
<td>Construction Management Services for TUN-MIT-01 (Flood Mitigation at the Hugh L. Carey Tunnel and Queens-Midtown Tunnel)</td>
<td>B&amp;T</td>
<td>$1M - $5M</td>
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<tr>
<td>Special Services</td>
<td>JUN 2016</td>
<td>RK-58</td>
<td>Rehabilitate Robert Moses Building and Service Buildings</td>
<td>B&amp;T</td>
<td>$1M - $5M</td>
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<tr>
<td>Special Services</td>
<td>JUN 2016</td>
<td>TN-55</td>
<td>Scoping for Replacement of Bronx and Queens Approach Viaducts and Lower Garage at the Throgs Neck Bridge</td>
<td>B&amp;T</td>
<td>$5M - $10M</td>
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<tr>
<td>Constr</td>
<td>JUL 2016</td>
<td>HH-13A/HH-88B</td>
<td>Reconstruction of Toll Plazas and Southbound Approach at Henry Hudson Bridge, and Replacement of Facility Lighting System</td>
<td>B&amp;T</td>
<td>OVER $50M</td>
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<tr>
<td>Special Services</td>
<td>JUL 2016</td>
<td>RK-19/RK-70/RK-70 Paint</td>
<td>Design for Seismic &amp; Wind Retrofit of the Suspended Span and Miscellaneous Structural Rehabilitation at RFK and painting of suspended span</td>
<td>B&amp;T</td>
<td>$5M - $10M</td>
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<td>Special Services</td>
<td>SEP 2016</td>
<td>RK-20</td>
<td>Main Cable Inspection and Rehabilitation</td>
<td>B&amp;T</td>
<td>$1M - $5M</td>
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**Long Island Rail Road**

<table>
<thead>
<tr>
<th>Constr</th>
<th>MAR 2016</th>
<th>L10269</th>
<th>Penn Station Station Master's Office Renovation</th>
<th>LIRR</th>
<th>$1M - $5M</th>
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</thead>
<tbody>
<tr>
<td>Constr</td>
<td>MAY 2016</td>
<td>TBD</td>
<td>Design - Build Replacement of Post Avenue Bridge**</td>
<td>LIRR</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>JUN 2016</td>
<td>L10175</td>
<td>Richmond Hill Substation Replacement</td>
<td>LIRR</td>
<td>$5M - $10M</td>
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<tr>
<td>Constr</td>
<td>JUL 2016</td>
<td>L09411</td>
<td>New Mid-Suffolk Electric Yard</td>
<td>LIRR</td>
<td>OVER $50M</td>
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<tr>
<td>Constr</td>
<td>JUL 2016</td>
<td>TBD</td>
<td>Buckram Rd Bridge Replacement**</td>
<td>LIRR</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>SEP 2016</td>
<td>TBD</td>
<td>Rehabilitation of Nostrand Ave**</td>
<td>LIRR</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>SEP 2016</td>
<td>TBD</td>
<td>Springfield and Union Take Bridges Repairs**</td>
<td>LIRR</td>
<td>$5M - $10M</td>
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<tr>
<td>Constr</td>
<td>DEC 2016</td>
<td>E01930 &amp; E02605 (Sandy)*</td>
<td>Long Island City Yard Restoration / Resiliency</td>
<td>LIRR</td>
<td>$10M - $50M</td>
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</table>

*Note: Over $50M, $10M - $50M, $5M - $10M, $1M - $5M, and $5M refer to the budget range for the respective contracts.*
<table>
<thead>
<tr>
<th>Type of Contract</th>
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<td><strong>Metro-North Railroad</strong></td>
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<td>Constr</td>
<td>MAR 2016</td>
<td>M10243</td>
<td>Port Chester Elevator - Construction</td>
<td>MNR</td>
<td>$1M - $5M</td>
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<td>Constr</td>
<td>MAY 2016</td>
<td>M09217</td>
<td>Radio/Communication Installation</td>
<td>MNR</td>
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<td>Constr</td>
<td>MAY 2016</td>
<td>M702-02-07</td>
<td>Outlying Stations - Audio and Visual Information System Replacements**</td>
<td>MNR</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>MAY 2016</td>
<td>M703-02-03</td>
<td>Rehabilitation of Harlem Line Bridges HA 61.06 and HA 61.36, Patterson, NY**</td>
<td>MNR</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>JUN 2016</td>
<td>M702-01-07</td>
<td>Grand Central Terminal - Audio and Visual Information System Replacement**</td>
<td>MNR</td>
<td>$10M - $50M</td>
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<td>Constr</td>
<td>JUL 2016</td>
<td>M703-01-03</td>
<td>Rock Slope Remediation- Hudson Line**</td>
<td>MNR</td>
<td>$5M - $10M</td>
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<tr>
<td>Constr</td>
<td>JUL 2016</td>
<td>M703-03-01</td>
<td>Rock Slope Remediation - Port Jervis Line**</td>
<td>MNR</td>
<td>$5M - $10M</td>
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<td>Purchase</td>
<td>AUG 2016</td>
<td>M705-01-01</td>
<td>Purchase Mobile Motor Alternator Set**</td>
<td>MNR</td>
<td>$1M - $5M</td>
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<tr>
<td>Constr</td>
<td>DEC 2016</td>
<td>M08887</td>
<td>Construction of Prospect Hill Road Bridge - Southeast, NY</td>
<td>MNR</td>
<td>$5M - $10M</td>
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<tr>
<td><strong>New York City Transit</strong></td>
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<tr>
<td>Construction</td>
<td>MAR 2016</td>
<td>A36949</td>
<td>Aqueduct-North Conduit Av / RKY</td>
<td>NYCT</td>
<td>$1M - $5M</td>
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<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>A36956</td>
<td>Station Components: 4 Locations / 8th Avenue</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>A37659 (Sandy)*</td>
<td>Sandy Mitigation: 9 Stations and 1 Fan Plant</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>A37660 (Sandy)*</td>
<td>Sandy Mitigation: 7 Stations and 1 Fan Plant</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<td>Purchase</td>
<td>MAR 2016</td>
<td>B40499</td>
<td>Portable Bus Lift Replacement**</td>
<td>NYCT</td>
<td>$5M - $10M</td>
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<tr>
<td>Construction</td>
<td>MAR 2016</td>
<td>C34784</td>
<td>Two 2-Ton Overhead Cranes - Concourse &amp; 207 St Maintenance Facilities</td>
<td>NYCT</td>
<td>$1M - $5M</td>
</tr>
<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>D37467*</td>
<td>PBX Upgrade, Phase 1 &amp; Phase 2**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>E31683 (Sandy)*</td>
<td>Sandy Mitigation: 14 Fan Plants, Long-Term - 5 Locations (Above Ground)</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>E31689 (Sandy)*</td>
<td>Sandy Mitigation: 14 Fan Plants, Long-Term - 8 Locations (Below Ground and MCDs)</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>P36445 (Sandy)*</td>
<td>Sandy Repairs: Clark St Tube</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Construction</td>
<td>MAR 2016</td>
<td>S48005/D61335</td>
<td>CBTC QBL West - Ph 2 and Install Low Resistance Contact Rail - 53 St</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Type of Contract</td>
<td>Solic Month</td>
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<td>Contract Description</td>
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<td>Construction</td>
<td>APR 2016</td>
<td>B62027</td>
<td>Storage Tank Components: Jackie Gleason and Castleton Depots**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<td>Construction</td>
<td>APR 2016</td>
<td>C33835</td>
<td>Subway Tunnel Structural Rehab: 36 St to 59 St - Brooklyn</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>Construction</td>
<td>APR 2016</td>
<td>C43751</td>
<td>Power Upgrade at RCC, PCC: Phase 2**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<td>Construction</td>
<td>APR 2016</td>
<td>C82004 (Sandy)*</td>
<td>Sandy Mitigation: New Clifton Shop**</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Purchase</td>
<td>APR 2016</td>
<td>R34252</td>
<td>Purchase 54 Flat Cars</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>Purchase</td>
<td>APR 2016</td>
<td>RC10-6188</td>
<td>AFC Low Turnstile Procurement**</td>
<td>NYCT</td>
<td>$1M - $5M</td>
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<td>Purchase</td>
<td>APR 2016</td>
<td>V31997</td>
<td>203 Non-Revenue Vehicles 2015**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<td>Constr</td>
<td>APR 2016</td>
<td>W32795</td>
<td>ISIM-B: Module 2 : Package 1 (6 Stations)</td>
<td>NYCT</td>
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<td>Construction</td>
<td>MAY 2016</td>
<td>C34817</td>
<td>RTO Master Tower Hardening</td>
<td>NYCT</td>
<td>$5M - $10M</td>
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<td>Constr</td>
<td>MAY 2016</td>
<td>C34839/P36449 (Sandy)*</td>
<td>Sandy: Long-Term Perimeter Protection &amp; Power Cable Repl - 148th Yrd</td>
<td>NYCT</td>
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<td>Constr</td>
<td>MAY 2016</td>
<td>E31705 (Sandy)*</td>
<td>Sandy Mitigation: 17 Fan Plants &amp; Adjacent Tunnels</td>
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<td>Construction</td>
<td>MAY 2016</td>
<td>P80683</td>
<td>SIIR: Three New Power Substations**</td>
<td>NYCT</td>
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<td>Construction</td>
<td>MAY 2016</td>
<td>W81407</td>
<td>Staten Island Railway: Install Customer Information Signs**</td>
<td>NYCT</td>
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<td>Construction</td>
<td>JUN 2016</td>
<td>A37628 (Sandy)*</td>
<td>Sandy Mitigation: Emergency Booth Communication System (EBCS)</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<td>Constr</td>
<td>JUN 2016</td>
<td>B40495</td>
<td>Replacement of Oil-Water Separators at 4 Locations</td>
<td>NYCT</td>
<td>$5M - $10M</td>
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<tr>
<td>Construction</td>
<td>JUN 2016</td>
<td>C34923</td>
<td>Overcoat: Broadway to End of Line - Myrtle Avenue Line**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<td>Construction</td>
<td>JUN 2016</td>
<td>C48701*</td>
<td>Elevated Structural Rehab: White Plains Road Line**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<td>Construction</td>
<td>JUN 2016</td>
<td>C48702/C48711*</td>
<td>Structural Rehabilitation on Myrtle Avenue Line**</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<td>Constr</td>
<td>JUL 2016</td>
<td>A36164</td>
<td>ADA: 68th St-Hunter College / Lexington</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<td>Construction</td>
<td>JUL 2016</td>
<td>A46017/A46019/A46020 /A46021/A46022</td>
<td>Stational Renewal: 5 Stations - Astoria Line**</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>Purchase</td>
<td>JUL 2016</td>
<td>B40671</td>
<td>110 CNG Articulated Buses**</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Construction</td>
<td>JUL 2016</td>
<td>C34836 (Sandy)*</td>
<td>Sandy Mitigation: Long Term Perimeter Protection-Coney Island Yd</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<td>Constr</td>
<td>JUL 2016</td>
<td>C34838/P36450 (Sandy)*</td>
<td>Sandy Mitigation:Long-Term Perimeter Protection, 207 St Yard</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Construction</td>
<td>JUL 2016</td>
<td>C34918*</td>
<td>Overcoat: 157 St Portal to 164 Street - Jerome Line**</td>
<td>NYCT</td>
<td>$5M - $10M</td>
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<tr>
<td>Purchase</td>
<td>JUL 2016</td>
<td>R34211*</td>
<td>Purchase 1025 R211 Rail Cars**</td>
<td>NYCT</td>
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<td>Type of Contract</td>
<td>Solic Month</td>
<td>Reference Number</td>
<td>Contract Description</td>
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<td>Construction</td>
<td>AUG 2016</td>
<td>C40257</td>
<td>East New York Depot Windows and Facade</td>
<td>NYCT</td>
<td>$1M - $5M</td>
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<td>Construction</td>
<td>AUG 2016</td>
<td>P36698*</td>
<td>New Substation: Maspeth Av-Humboldt St / CNR**</td>
<td>NYCT</td>
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<td>Construction</td>
<td>AUG 2016</td>
<td>P36699*</td>
<td>Constr New Substation: Harrison Pl / CNR**</td>
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<td>MTA Bus</td>
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<td>Constr MAY 2016</td>
<td>C40246</td>
<td>CNG Upgrade-College Point</td>
<td>MTA BUS</td>
<td>$5M - $6M</td>
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<td>Constr JUN 2016</td>
<td>C40248</td>
<td>Depot Component: Spring Creek Roof</td>
<td>MTA BUS</td>
<td>$2M - $3M</td>
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<td>Constr JUL 2016</td>
<td>B62022</td>
<td>Security Improvements- JFK &amp; Spring Creek Depots</td>
<td>MTA BUS</td>
<td>$9M-$10M</td>
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<td>Constr NOV 2016</td>
<td>M30600</td>
<td>Storeroom Expansion- Baisley Park Depot</td>
<td>MTA BUS</td>
<td>$3M - $4M</td>
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<td>Constr JAN 2017</td>
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<td>New HVAC: Spring Creek &amp; College Point Depots</td>
<td>MTA BUS</td>
<td>$6M-$7M</td>
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<td>Capital Construction</td>
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<td>Design MAR 2016</td>
<td>C-81190</td>
<td>Design Services for Phase II of the Second Avenue Subway Project**</td>
<td>MTACC</td>
<td>Over $100M</td>
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<td>Special Services MAR 2016</td>
<td>C-81191</td>
<td>Consultant Environmental Services for Phase II of the Second Avenue Subway Project**</td>
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<td>Special Services MAR 2016</td>
<td>PS853</td>
<td>Community Outreach Services for Phase II for the Second Avenue Subway Project**</td>
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<td>Special Services APR 2016</td>
<td>PS851</td>
<td>Independent Verification Testing and Laboratory Services on an As-Needed Basis**</td>
<td>MTACC</td>
<td>$500K - $1M</td>
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<td>Constr JUN 2016</td>
<td>CH061A</td>
<td>Track A Cut and Conver Structure for the East Side Access Project**</td>
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<td>$10M - $50M</td>
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<td>Constr JUN 2016</td>
<td>CQ033</td>
<td>Mid-Day Storage Yard Facility for the East Side Access Project**</td>
<td>MTACC</td>
<td>Over $100M</td>
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<td>Program Management JUL 2016</td>
<td>PS863</td>
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<td>Constr DEC 2016</td>
<td>CM015</td>
<td>48th St. Entrance for the East Side Access Project**</td>
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<td>Constr DEC 2016</td>
<td>CS084</td>
<td>Tunnel Systems Package 2, Signal Installation for the East Side Access Project**</td>
<td>MTACC</td>
<td>$10M - $50M</td>
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<td>PS864</td>
<td>Engineering and Environmental Consultant for the Penn Station Access Project**</td>
<td>MTACC</td>
<td>$50M - $100M</td>
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* Partially Funded by Federal grant(s)

** 2015-2019 Program project: Advertisement and award contingent on funding availability
Brief Descriptions of Work to be Advertised

Letter from the Chairman
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

Bridges and Tunnels
Brief Description of Work
MAR 2016

BW-39/RK-60
DESIGN-BUILD INSTALLATION OF FACILITY-WIDE ELECTRONIC MONITORING AND DETECTION SYSTEM
OVER $50M

The work under this design-build contract will include the installation of monitoring and detection related equipment and fire/smoke detection systems for designated areas of the Bronx Whitestone Bridge and Robert F. Kennedy Bridge Facility.

- Design and construction of a Facility-wide monitoring and detection system for the Bronx Whitestone and Robert F. Kennedy Bridge Facilities.
- Design and construction of a heat, smoke and fire detection systems for BWB and RFK Bridge.

Duration of Contract 30 Months

BW-39/RK-60
CONSTRUCTION MANAGEMENT SERVICES FOR DESIGN BUILD PROJECT BW-39/RK-60 (INSTALLATION OF AN INTEGRATED ELECTRONIC SECURITY SYSTEM FOR THE BRONX WHITESTONE AND ROBERT F. KENNEDY BRIDGES)
$1M - $5M

Under this contract, the consultant will provide construction management services for BW-39/RK-60 Design/Build project.

- Inspect the work of the contractor, notify the contractor in writing of any and all unacceptable work, and maintain accurate and detailed written
records of the progress of the Contract.

- Ensure that all required permits have been obtained prior to the start of work. Make recommendations as to the capabilities of contractors, subcontractors and sources of materials and equipment proposed by them. Review contractor’s schedule.
- Establish and implement the procedures to be followed for expediting and processing of shop drawings, catalog cuts and submittals.
- Conduct progress meetings and special meetings as required. Assist in the resolution of disputes among the contractors.
- Make recommendations to the Engineer for such changes in the work as the consultant may consider necessary or desirable. Provide an analysis of the validity and need for proposed change orders and assist the Authority in the subsequent negotiations.
- Assist the Engineer in the project close-out process.

Duration of Contract 38 Months

HH-07/HH-30
MISCELLANEOUS STRUCTURAL REHABILITATION AND OVERCOAT PAINTING AT HENRY HUDSON BRIDGE
$1M - $5M

The design work under this contract will include repair/replacement of deteriorated steel identified in the recent and upcoming Biennial Inspections, and overcoat paintings of the steel members. Load ratings of certain structural members will also be enhanced.

- Preliminary Design - Conduct surveys and investigation of existing conditions and review/search for copies of documents covering previously completed and on-going work relevant to this contract. Prepare a Design Brief showing a minimum of three (3) proposed alternatives to achieve the results required by the Scope of Work.
- Advanced Design - Continue development of Contract Documents, Prepare and submit the Bidder's Proposal form, provide cost estimates and bid sheets, construction schedules, make presentations to Authority Representatives to explain work performed. Coordinate and verify that specified products and materials are available for construction. Provide a Constructability Review (after the approval of advanced design)
- Final Design - Complete the Contract Documents and other associated deliverables, check all documents to ensure completeness and accuracy. Contract Documents shall have all items necessary for the proper execution and completion work by the contractor. Avoid duplicating requirements in the Contract Documents.
- Pre-Award Requirements - Services Required During Bid Process - Interpret Drawings and Specifications in writing when required by inquiries from prospective bidders; prepare addenda, amendments and / or supplementary drawings required for clarification of the Contract Drawings and Specifications. Perform bid analyses at Authority direction.

Duration of Contract 36 Months

HH-13A/HH-88B
CONSTRUCTION MANAGEMENT SERVICES FOR HH-13A/HH-88B (RECONSTRUCTION OF TOLL PLAZAS AND SOUTHBOUND APPROACH, AND REPLACEMENT OF FACILITY LIGHTING SYSTEM)
$5M - $10M

Under this contract, the consultant will provide construction management services for HH-13/HH-88B construction project.

- Inspect the work of the contractor, notify the contractor in writing of any and all unacceptable work, and maintain accurate and detailed written records of the progress of the Contract.
- Ensure that all required permits have been obtained prior to the start of work. Make recommendations as to the capabilities of contractors, subcontractors and sources of materials and equipment proposed by them. Review contractor’s schedule.
- Establish and implement the procedures to be followed for expediting and processing of shop drawings, catalog cuts and submittals.
- Conduct progress meetings and special meetings as required. Assist in the resolution of disputes among the contractors.
- Make recommendations to the Engineer for such changes in the work as the consultant may consider necessary or desirable. Provide an analysis of the validity and need for proposed change orders and assist the Authority in the subsequent negotiations.
- Assist the Engineer in the project close-out process.

Duration of Contract 60 Months

QM-18 Phase 2
DESIGN FOR MANHATTAN AND QUEENS PLAZA STRUCTURAL REHABILITATION
$1M - $5M

Under this contract, the consultant will design for repaving and re-profiling of the Plazas, modifying structural concrete base slab and sidewalks, modifying existing perimeter drainage system, cleaning Plaza walls, providing new duct bank, reconfiguring traffic patterns including islands, curbs, signage, light poles, etc. and installing flood mitigation devices.

- Investigate existing conditions, research available documentation, inspection reports, prototype reports, etc. and perform all necessary investigations and surveys.
Review available documents and traffic studies to determine the optimum recommended alternatives for reconstruction of the Plazas and new flood mitigation measures.

Perform a feasibility study/Design Brief equivalent to 10% design discussing alternatives, make recommendations for final design.

Develop appropriate construction staging/phasing schemes and MPT plans.

Develop selected design and prepare submittals for Authority’s review at different milestones. Prepare bid package and construction estimate.

Assist the Authority during bidding process and provide construction support services during construction.

Duration of Contract 12 Months

RK-21
DESIGN/BUILD INSTALLATION OF FIRE STANDPIPE & UPGRADE OF FIRE PROTECTION SYSTEM
$10M - $50M

Under this design-build contract, the contractor will install new fire standpipe systems at the Bronx and Manhattan spans of the Robert F Kennedy Bridge, Bronx Plaza/Junction structure, as well as the viaducts along Randall’s Island and the Queens Approach Viaduct to meet the latest NFPA 502 Fire Protection Standards.

- Design and construction of new fire standpipe system for Bronx Span, Harlem River Lift Span, Queens Approach, Bronx Plaza/Junction Structure, Randall’s Island Viaduct and Queens Viaduct of RFK Bridge.
- Design and construction of new bollards or other approved barriers to protect Fire Department connections from vehicular damage.
- Provide Maintenance and Protection of Traffic (MPT) as needed.
- Prepare as-built documentation.

Duration of Contract 36 Months

TUN-MIT-01
CONSTRUCTION MANAGEMENT SERVICES FOR TUN-MIT-01 (FLOOD MITIGATION AT THE HUGH L. CAREY TUNNEL AND QUEENS-MIDTOWN TUNNEL)
$1M - $5M

Under this contract, the consultant will provide construction management services for TUN-MIT-01 design/build project.

- Inspect the work of the contractor, notify the contractor in writing of any and all unacceptable work, and maintain accurate and detailed written records of the progress of the Contract.
- Ensure that all required permits have been obtained prior to the start of work. Make recommendations as to the capabilities of contractors, subcontractors and sources of materials and equipment proposed by them. Review contractor’s schedule.
- Establish and implement the procedures to be followed for expediting and processing of shop drawings, catalog cuts and submittals.
- Conduct progress meetings and special meetings as required. Assist in the resolution of disputes among the contractors.
- Make recommendations to the Engineer for such changes in the work as the consultant may consider necessary or desirable. Provide an analysis of the validity and need for proposed change orders and assist the Authority in the subsequent negotiations.
- Assist the Engineer in the project close-out process.

Duration of Contract 36 Months

RK-58
REHABILITATE ROBERT MOSES BUILDING AND SERVICE BUILDINGS
$1M - $5M

The design work under this project will include renovation of three buildings on the Randall’s Island campus of the RFK Bridge. These buildings include the Robert Moses Building (RMB), the Manhattan Service Building (MSB) and the Bronx Service Building (BSB). Under this contract, the consultant will design for the rehabilitation of interior spaces, including finishes and MEP systems, as well as the exterior envelope.

- Design services to investigate, survey, plan, and prepare plans and specifications for all aspects of the project.
- Study, Identify, design and document needs for Interior rehabilitation for all three (3) buildings.
- Design and document repairs for restoration of the exterior building façade and replace doors and windows of the BSB and the MSB.
- Design and document rehabilitation of the electrical, plumbing and HVAC systems. Investigation and analysis of the systems shall be completed to
determine the appropriate sizing of replacement systems.
- Prepare construction cost estimates and schedule.
- Assist the Authority during the bidding process and provide construction support services during construction.

Duration of Contract 18 Months

TN-55
SCOPING FOR REPLACEMENT OF BRONX AND QUEENS APPROACH VIADUCTS AND LOWER GARAGE AT THE THROGS NECK BRIDGE
$5M - $10M

Under this contract the consultant will perform an engineering study of the various alternative capital investment strategies for the reconstruction or rehabilitation of the Throgs Neck Bridge Bronx and Queens Approach Viaducts and Lower Garage.

- Investigate and review existing structures, geometry, and traffic conditions.
- Investigate and study the vulnerabilities and risks associated with replacement/rehabilitation of the approaches.
- Investigate, study and develop alternatives for full or partial reconstruction/replacement of the approaches to meet current codes and standards for long term performance, including seismic and HS-25 loading.
- Perform environmental analysis of the developed alternatives to determine environmental impact.
- Develop alternative construction staging/maintenance and protection of traffic schemes.
- Prepare Study Report with cost estimates for each alternative and provide basis for recommended alternative.

Duration of Contract 48 Months

Bridges and Tunnels
Brief Description of Work
JUL 2016

HH-13A/HH-88B
RECONSTRUCTION OF TOLL PLAZAS AND SOUTHBOUND APPROACH AT HENRY HUDSON BRIDGE, AND REPLACEMENT OF FACILITY LIGHTING SYSTEM
OVER $50M

Under this construction contract, the contractor will replace the bridge deck, superstructure and substructure elements of upper and lower level of toll plaza areas, rehabilitate the lower level maintenance garage, replace facility lighting system and perform miscellaneous construction work.

- Complete replacement of the bridge deck, superstructure, and substructure elements of the Upper and Lower Level Toll Plazas. Retaining walls at and around the toll plazas will also be replaced.
- Construction of new utility services for the Lower Level Maintenance Garage, including heating, cooling, plumbing, water services, and bay doors.
- Replace all existing aluminum light poles with wooden light poles and LED fixtures on the Henry Hudson Parkway (northbound and southbound).
- Update existing guiderail to meet New York State current standards.
- Miscellaneous construction.
- Provide Maintenance and Protection of Traffic (MPT) as needed.
- Prepare as-built documentation.

Duration of Contract 48 Months

RK-19/RK-70/RK-70 Paint
DESIGN FOR SEISMIC & WIND RETROFIT OF THE SUSPENDED SPAN AND MISCELLANEOUS STRUCTURAL REHABILITATION AT RFK AND PAINTING OF SUSPENDED SPAN
$5M - $10M

Under this contract, the consultant will prepare a design to address all seismic and wind retrofits necessary on the suspended span as well as retrofit on the stringer to floor beam connections of the East River Suspension Bridge, miscellaneous structural repairs to address biennial flags for all three legs of RFK Bridge, as well as spot cleaning and painting of the suspended span steel.

- Review available documentation and inspection reports related to the project scope and meet with Authority staff.
- Prepare final design documents for seismic and wind retrofits, stringer to floor beam connections retrofits, flag repairs and painting.
- Develop appropriate construction staging/phasing schemes and MPT.
- Prepare construction cost estimate and schedule.
- Assist the Authority during bidding process and provide construction support services during construction.
RK-20
MAIN CABLE INSPECTION AND REHABILITATION
$1M - $5M
The consultant under this design task will prepare a design to inspect several panels of the main cable of the RFK Suspension Bridge and provide cable modeling.
- Review available documentation and inspection reports related to the project scope and meet with Authority staff
- Prepare suspension span main cable inspection protocol and staging plan. Provide design for cable inspection.
- Develop appropriate construction staging/phasing schemes and MPT.
- Prepare construction cost estimate and schedule
- Assist the Authority during bidding process and provide construction support services during construction.
- Perform cable strength modeling.

Duration of Contract 72 Months

L10269
PENN STATION STATION MASTER'S OFFICE RENOVATION
$1M - $5M
Complete renovation of the LIRR New York Station Master’s Office [SMO], located in Penn Station adjacent to the LIRR's main waiting and ticket area, to provide the Transportation Operating Group with a well organized terminal command center to deliver timely and reliable status information in support of Penn Station Operations. Work includes complete overhaul of 3 main components: Operations Area, Supervisor’s Area, and Ready Room. [Note: The SMO is utilized solely by LIRR and does not involve utilization or operations by Amtrak and NJ Transit.]
- Architectural and structural work including new interior walls, ceilings, floors, and finishes.
- Mechanical, electrical, and plumbing work; HVAC system; and fire detection.
- Provide, install, and test Video Display Wall System.
- Provide, install, and test Integrated Voice and Data System and CCTV Security System and cameras.
- Provide workstation consoles and theater furniture.
- Construct unisex employee toilet facility.

Duration of Contract 7 Months

TBD
DESIGN - BUILD REPLACEMENT OF POST AVENUE BRIDGE**
$10M - $50M
Design-Build Replacement of Post Avenue Bridge located in the Village of Westbury, in Nassau County, New York on LIRR’s Main Line, immediately west of the LIRR Westbury Station. The new bridge will be required to meet NYSDOT vertical clearance requirements to the street below (14'-0").
- Complete the final design for the new three-bay bridge
- Remove and dispose of the existing bridge
- Construct and install the new bridge
- Perform abutment modifications and repairs and replace concrete staircase and retaining walls
- Rehabilitation of the station platform

Duration of Contract 19 Months

Long Island Rail Road  
Brief Description of Work  
JUN 2016

L10175  
RICHMOND HILL SUBSTATION REPLACEMENT  
$5M - $10M  
Construction of new pre-fabricated modular substation at Richmond Hill that will house new pre-installed AC switchgear, rectifiers, DC switchgear, control cabinets, and associated equipment.

- Manufacture, deliver, and install prefabricated substation building with necessary power components.
- Provide 2 - 3 MW Transformer-Rectifier units.
- Provide DC Switchgear with 8 DC Breakers.
- Provide AC Switchgear with 5 - 26.4kV AC Breakers.
- Provide PLC / SCADA System.
- Provide Auxiliary Equipment.

Duration of Contract 20 Months

Long Island Rail Road  
Brief Description of Work  
JUL 2016

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

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

Duration of Contract 30 Months

TBD  
BUCKRAM RD BRIDGE REPLACEMENT**  
$10M - $50M  
Buckram Road Bridge (LIRR Bridge no. 67-O-300) located in Locust Valley on the Oyster Bay Line was built in 1889, carries one non-electrified track, and has three spans with a bridge length of 134 feet. The bridge is open deck and consists of one through plate girder span and two deck plate girder spans. With the current vertical clearance posted at 10'-1", bridge strikes by vehicles have been a common occurrence. The purpose of this project is to replace the Buckram Road Bridge with single span bridge, increase vertical clearance under the bridge to reduce vehicular strikes, improve vehicle line
of sight angles, and increase the load rating to the current Cooper’s E50 requirements.

- Utility relocation
- Remove hazardous materials (abatement)
- Install concrete lagging retaining wall
- Repair existing abutments
- Remove track, signal, etc.
- Remove existing bridge and install new bridge
- Install track, signal, etc.

Duration of Contract 19 Months

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Long Island Rail Road
Brief Description of Work
SEP 2016

REHABILITATION OF NOSTRAND AVE**
$10M - $50M
Duration of Contract 30 Months

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Long Island Rail Road
Brief Description of Work
DEC 2016

SPRINGFIELD AND UNION TAKE BRIDGES REPAIRS**
$5M - $10M
Duration of Contract 12 Months

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Metro-North Railroad
MTA - Eye on the Future

E01930 & E02605(Sandy)*
LONG ISLAND CITY YARD RESTORATION / RESILIENCY
$10M - $50M
Reconstruction of Tracks 9 through 12 including restoration of third rail systems; switch replacements; perimeter flood protection walls and gates; construction of car cleaning platforms; underground utilities; storm water detention and management system including flap valves, sumps, pumps, and chambers; raised track profiles [to raise elevation]; traction and wayside power systems; noise mitigation strategies; and excavation/removal of excess soil. In addition, to properly stage work and minimize impact to operations, early construction to support restoration and mitigation will include installation of third rail systems on Tracks 7 and 8 [also enhances system resiliency] with a fueling safety interlock.

- New east end fueling [with spill collection pans]
- Underground duct banks with upgrades for future wayside power & for future third rail power.
- Fuel safety interlock between third rail facilities and diesel fueling to prevent simultaneous energizing of third rail and diesel on newly electrified tracks 7 & 8.
- New cleaning service platforms between Tracks 9 & 10 and Tracks 11 & 12, including service platform No. 6 modifications [architectural and structural], and service pits.
- Remove excess soil.
- Asphalt roadways and walkways.
- Flood prevention measures including combination of yard perimeter protective barrier permanent and removable flood walls, storm drainage system modifications, and sump pits & pumps.

Duration of Contract 30 Months
Brief Description of Work
MAR 2016

M10243
PORT CHESTER ELEVATOR - CONSTRUCTION
$1M - $5M

This contract is for the construction of a new elevator tower and replacement staircase at Port Chester Station adjacent to the outbound platform at Westchester Avenue, Village of Port Chester, New York.

- Construct temporary access to the Port Chester Station outbound platform off of East Broadway Street and install maintenance protection of traffic on Westchester Avenue.
- Reconfigure electrical distribution panels on the inbound and outbound platforms, install new electrical service from outbound platform panel to elevator location.
- Demolish existing and construct new retaining walls.
- Construct new elevator tower and machine room.
- Construct replacement staircase with lighting.

Duration of Contract 12 Months

Metro-North Railroad
Brief Description of Work
MAY 2016

M09217
RADIO/COMMUNICATION INSTALLATION
$10M - $50M

Congress passed the Rail Safety Improvement Act of 2008 which requires that all commuter railroads implement a Positive Train Control System (PTC) on its mainline tracks by December 31, 2018. PTC is a system designed to prevent train-to-train collisions, over speed derailments, incursions into established work zone limits, and the movement of a train through a switch left in the wrong position. This contract provides for the procurement and installation of radio/communication equipment and includes the following tasks:

- Installation of wood poles, antenna system and coaxial cable from pole to the radio equipment case.
- Installation of platforms and foundations for radio equipment case.
- Installation of both power and fiber cables with varying installations including conduit and cable tray from radio case to the signal equipment locations.

Duration of Contract 24 Months

M702-02-07
OUTLYING STATIONS - AUDIO AND VISUAL INFORMATION SYSTEM REPLACEMENTS**
$10M - $50M

The purpose of this project is to create new station public address systems that will provide audio and visual display of scheduled trains on station platforms on the Hudson and lower Harlem and New Haven Lines. The new system shall provide train arrival in real-time along with additional information for passengers. The system backbone shall support the addition of security cameras, access control and elevator and escalator monitoring at East of Hudson stations. This technology improvement will enhance communications with customers with accurate real time information.

- Construct and install cable; copper and fiber circuits to support passenger signs and video surveillance.
- Install three-door equipment cabinet with HVAC.
- Construct and install mounts for passenger displays at outlying stations.
- Construct and install video surveillance mounting equipment.
- Install cameras and signs at outlying stations.

Duration of Contract 18 Months

M703-02-03
REHABILITATION OF HARLEM LINE BRIDGES HA 61.06 AND HA 61.36, PATTERSON, NY**
$10M - $50M

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

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

Duration of Contract 18 Months

Metro-North Railroad
Brief Description of Work
JUN 2016

M702-01-07
GRAND CENTRAL TERMINAL - AUDIO AND VISUAL INFORMATION SYSTEM REPLACEMENT**
$10M - $50M

The purpose of this project is to replace Grand Central Terminal's Information System (big boards, gate boards, digital track indicators, monitors, and platform displays) with a modern, more capable and robust infrastructure. It will improve communications, increase reliability, and provide for future growth for new types of information to be displayed. Existing system components have reached the end of their useful lives and are vulnerable to failure.

- Construct and install cable; copper and fiber circuits to support passenger signs.
- Install fire suppression in Grand Central Terminal on the 7th floor existing equipment room.
- Replace HVAC on the 7th floor existing equipment room.
- Perform sheet metal work associated with passenger display frames.
- Replace amplifiers for Grand Central Terminal Public address system.

Duration of Contract 13 Months

Metro-North Railroad
Brief Description of Work
JUL 2016

M703-01-03
ROCK SLOPE REMEDIATION - HUDSON LINE**
$5M - $10M

The scope of work for this contract consists of the stabilization of approximately eight rock slopes along Metro-North Railroad's right of way along the Hudson line.

- Tree Removal.
- Rock Face Scaling.
- Installation of Rock Bolts.
- Installation of Cable Mesh.
- Installation of Rock Fences.
- Construction of Concrete Buttresses.

Duration of Contract 36 Months

M703-03-01
ROCK SLOPE REMEDIATION - PORT JERVIS LINE**
$5M - $10M

The scope of work for this contract consists of the stabilization of approximately seven rock slopes along Metro-North Railroad right of way along the
Port Jervis Line.

- Tree Removal.
- Rock Face Scaling.
- Installation of Rock Bolts.
- Installation of Cable Mesh.
- Construction of Concrete Buttresses.

Duration of Contract 36 Months

Metro-North Railroad
Brief Description of Work
AUG 2016

M705-01-01
PURCHASE MOBILE MOTOR ALTERNATOR SET**
$1M - $5M

This contract will provide for the purchase of a trailer mounted mobile motor-alternator unit that can be transported needed to provide back-up signal power. The 150KVA synchronous motor alternator set and related equipment to convert a 480 volt, 60 Hz, 3 phase power source to a 480 Volt, 100 HZ, single phase power for Metro-North Railroad signal system.

- Fabrication of a trailer mounted motor-alternator set.
- Procurement of a programmable logic controller (PLC) to control the motor-alternator startup and shut-down.
- Procurement of supervisory control and data acquisition (SCADA) system interface cabinet for monitoring and control.
- Procurement of all necessary high voltage step down transformers.
- Procurement of all necessary high voltage leads and cables.

Duration of Contract 8 Months

Metro-North Railroad
Brief Description of Work
DEC 2016

M08887
CONSTRUCTION OF PROSPECT HILL ROAD BRIDGE - SOUTHEAST, NY
$5M - $10M

This contract is for the replacement of the Prospect Hill Road Bridge located in the town of Southeast, Putnam County, New York. The bridge is currently closed for vehicular traffic. The existing 4-span bridge carries Prospect Hill Road over Metro-North Railroad Brewster Yard and is located approximately 0.16 mile south of Metro-North Railroad Southeast train station. Spans 1 and 4 are each 30’ long and supported by two built up steel girders. Spans 2 and 3 are each 105 6” long and are each carried by two through steel warren trusses and transverse steel floor beams. The existing bridge will be demolished and the new bridge will be located in the same alignment as the existing bridge. Retaining walls will be constructed at the approaches. The new bridge is currently under design.

- Mobilization, relocation of utilities, set up maintenance and protection of traffic, and relocation of employee parking.
- Construction of temporary supports. Demolition of existing superstructure and substructures (piers & abutments).
- Excavation and construction of new pier(s), abutment(s), and retaining walls for the approaches.
- Construction of new bridge superstructure and approaches.
- Reinstallation of utilities and employee parking.
- Remove temporary supports and demobilization.

Duration of Contract 24 Months

New York City Transit
Brief Description of Work
MAR 2016
A36949
AQUEDUCT-NORTH CONDUIT AV / RKY
$1M - $5M

Station component work at Aqueduct-North Conduit Avenue on the Rockaway Line in Queens inclusive of the following:

- Platform canopy replacement
- Light fixture replacement
- Platform stair wall and ceiling concrete repair work
- Replacement of expansion joints
- Station component painting

Duration of Contract 10 Months

A36956
STATION COMPONENTS: 4 LOCATIONS / 8TH AVENUE
$10M - $50M

This project will eliminate deficient conditions at stations on the 8th Avenue Line in the borough of Manhattan. Component repair work may include, but is not limited to, the repair of street stairs, mezzanine stairs, platform stairs, ceiling beams, platform edges, platform floors, platform columns and girders, and platform walls.

Duration of Contract 20 Months

A37659(Sandy)*
SANDY MITIGATION: 9 STATIONS AND 1 FAN PLANT OVER $50M

Construction of long term flood protection at nine stations, adjacent tunnels and one fan plant in Brooklyn and Queens. Scope includes, but is not limited to, flood mitigation of station entrances, ventilation gratings, hatches, manholes, and critical rooms. Locations include stations on the Crosstown, Canarsie, Flushing, and Queens Boulevard Lines as well as a fan plant on the Crosstown Line.

Duration of Contract 36 Months

A37660(Sandy)*
SANDY MITIGATION: 7 STATIONS AND 1 FAN PLANT OVER $50M

Construction of long term flood protection at seven stations, adjacent tunnels and one fan plant in Manhattan, Queens and the Bronx. Scope includes, but is not limited to, flood mitigation of station entrances, ventilation gratings, hatches, manholes, and critical rooms. Locations include stations on the Broadway-7th Ave, Lexington, Concourse, Jerome and East 63rd St Lines as well as a fan plant on the East 63rd St. Line.

Duration of Contract 36 Months

B40499
PORTABLE BUS LIFT REPLACEMENT**
$5M - $10M

This project will provide for the replacement of depot equipment and machinery at various locations. 1. Replace approximately 900 portable bus lifts with new portable lifts at various NYCT Bus Depots. 2. Provide for proper removal and disposal of old lifts.

Duration of Contract 38 Months

C34784
TWO 2-TON OVERHEAD CRANES - CONCOURSE & 207 ST MAINTENANCE FACILITIES
$1M - $5M

This project will design, fabricate and install two 2-ton overhead cranes at the following locations: 1. Concourse Maintenance Facility, located at 3119
Jerome Avenue, in the Borough of the Bronx. 2. 207th Street Maintenance Facility, located at 3961 10th Avenue, in the Borough of Manhattan. The cranes will support the maintenance and repair of overhead packaged HVAC units that will be serviced at these facilities.

Duration of Contract 9 Months

D37467*
PBX UPGRADE, PHASE 1 & PHASE 2**
$10M - $50M

This project will replace and upgrade obsolete or incompatible subsystems in the mission-critical Private Branch Exchanges (PBXs) that NYCT uses for voice and data communications routing. In order to transition the existing system to the industry standard practices for voice services, the upgraded PBX will need Voice Over Internet Protocol (VoIP) functionality, gateways for analog telephones and remote/satellite PBX trunks, service provider (Verizon) trunks, hosting equipment, PBX management system, licensing and telephones. The upgraded PBX will also provide higher reliability and redundancy by creating a single virtual host spanning two geographic locations.

Duration of Contract 29 Months

E31683(Sandy)*
SANDY MITIGATION: 14 FAN PLANTS, LONG-TERM - 5 LOCATIONS (ABOVE GROUND)
$10M - $50M

This project will construct long term protection of above grade fan plant structures vulnerable to coastal storm flooding. Work will include, but is not limited to, the following tasks:
- Demolish sidewalks around existing fan plant buildings and construct new concrete structure
- Demolish existing ducts and louvers and provide new ventilation system
- Install new cladding and roofing
- Uninstall and dispose of existing doors
- Relocate and/or modify existing mechanical, electrical, and plumbing services

Duration of Contract 41 Months

E31689(Sandy)*
SANDY MITIGATION: 14 FAN PLANTS, LONG-TERM - 8 LOCATIONS (BELOW GROUND AND MCDS)
$10M - $50M

This project will construct long term protection of below grade fan plants and fabricate and install coastal surge mechanical closure devices beneath vulnerable sidewalk ventilation gratings. This project will perform any necessary structural repairs to the vent shaft, sidewalk, and curb as specified in the contract document. Contractor to remove and dispose of existing vent grates and replace with standard NYCT heavy duty vent grates.

Duration of Contract 41 Months

P36445(Sandy)*
SANDY REPAIRS: CLARK ST TUBE
OVER $50M

Repair work in the Clark Street tube including work on the signals, track, power and communication cables, 1 substation, 1 pump room, and 1 fan plant. Work will also include repair of 4 circuit breaker houses.

Duration of Contract 32 Months

S48005/D61335
CBTC QBL WEST - PH 2 AND INSTALL LOW RESISTANCE CONTACT RAIL - 53 ST TUBE**
OVER $50M

This contract will include fabrication and installation of Communication Based Train Control signal system overlay on Queens Boulevard Line from north of Union Turnpike to north of 47-50th St on the 6th Avenue Line and south of 50th Street on the 8th Avenue Line, as well as, installation of low-resistance rail in the 53rd St Tube.
Duration of Contract 59 Months

New York City Transit
Brief Description of Work
APR 2016

B62027
STORAGE TANK COMPONENTS: JACKIE GLEASON AND CASTLETON DEPOTS**
$10M - $50M
This project shall replace storage tanks at the Jackie Gleason and Castleton Depots to comply with current regulation and reduce risk of leaks, spills, or unplanned service interruptions.

Duration of Contract 27 Months

C33835
SUBWAY TUNNEL STRUCTURAL REHAB: 36 ST TO 59 ST - BROOKLYN
$10M - $50M
Rehabilitation along 1.1 miles of tunnel, from south of 36 St Station to the south end of 59 St Station on the 4 Avenue Line, inclusive of the following scope:

- water remediation
- repair/replacement of structural steel and concrete repair for approximately 1.1 miles of tunnel from S/O 36th St Station to 59th St Station, 4th Avenue Line, (BMT) (D, M, N and R trains).

Duration of Contract 32 Months

C43751
POWER UPGRADE AT RCC, PCC: PHASE 2**
$10M - $50M
This project will upgrade the heating, ventilation, air conditioning and the power distribution systems at NYC Transit's Rail Control Center (RCC) and Power Control Center (PCC) located in the Borough of Manhattan.

1. Replace existing generator capacity with roof-mounted emergency generators and install automatic transfer switch and electrical distribution equipment to all emergency loads.
2. Install an 80kW UPS module in parallel with existing UPS modules.
3. Upgrade emergency feed, including transfer switch, transformers, and cables, from rectifier B in 8th Ave and 53rd St substation to match 3000A capacity of Con Ed feed.
4. Reconfigure electrical feeds to air-conditioning equipment in the fiber optic room, computer room and PBX room.
5. Replace the three existing Trane air-handling units that are located in the cellar together with ductwork, dampers and pneumatic controls.
6. Replace rooftop chillers and related mechanical components of chilled water system, including chilled water pumps.
7. Replace air-conditioning equipment in the fiber optic room and in the computer room, including drycoolers on roof.
8. Construct new fiber optic room, computer room and PBX room.

Duration of Contract 41 Months

C82004(Sandy)*
SANDY MITIGATION: NEW CLIFTON SHOP**
OVER $50M
Reconstruction of shop at Clifton in Staten Island including demolition of existing structure. Design/Build contract will include, but not be limited to, HVAC, electrical and communications work, with incorporation of long-term mitigation measures.

Duration of Contract 43 Months
R34252
PURCHASE 54 FLAT CARS
$10M - $50M

This project is for the purchase of fifty-four (54) flat cars. This is a replacement of an existing fleet of cars that have reached their useful life and require replacement. These cars carry equipment and material to and from NYCT work sites.

Duration of Contract 48 Months

RC10-6188
AFC LOW TURNTILE PROCUREMENT**
$1M - $5M

Procurement of 176 low turnstiles for automatic fare control and 35 end cabinets to support improvements at 75 control areas.

Duration of Contract TBD Months

V31997
203 NON-REVENUE VEHICLES 2015**
$10M - $50M

Purchase and replace 203 non-revenue rubber tire support vehicles to be used for essential services such as emergency response, material transportation, track repair and elevated structure repair.

Duration of Contract TBD Months

W32795
ISIM-B: MODULE 2 : PACKAGE 1 (6 STATIONS)
$10M - $50M

This project will upgrade the existing public address systems at 21 stations on the Flushing line to provide state-of-the-art audio Public Address and text-based Customer Information Signs (PA/CIS). These PA/CIS systems will interface with the Communications-Based Train Control (CBTC) signals that are being installed on the Flushing line via a separate project, in order to provide real-time train arrival information (“countdown clocks”) to Flushing line customers.

Duration of Contract 30 Months

New York City Transit
Brief Description of Work
MAY 2016

C34817
RTO MASTER TOWER HARDENING
$5M - $10M

Enhancement of access control at seven master towers as a part of security initiatives. Work will include installation of door intrusion hardware and card access systems to prevent unauthorized access to security-sensitive locations. Contract to include the following seven locations: 240th Street Yard Tower, (IRT) Broadway Line; New Lots Yard Tower, New Lots Ave. Line; Columbus Circle Tower, 8th Ave. Line; Times Square Tower, 7th Ave. Line; Times Square Tower, Flushing Line; City Hall Tower, (BMT) Broadway Line; and DeKalb Avenue Tower, 4th Ave. Line.

Duration of Contract 9 Months

C34839/P36449(Sandy)*
SANDY: LONG-TERM PERIMETER PROTECTION & POWER CABLE REPL - 148TH YRD OVER $50M

This project will provide perimeter protection to prevent flooding due to storm surges as well as the replacement of power cables at the 148th Street Yard.
Yard.

- Construction of a seawall adjacent to the existing bulkhead wall
- Construction of a floodwall at the north and south end of the site
- Installation of watertight driveway gates
- Installation of steel stop logs at the tunnel portal
- Replacement of power cables

Duration of Contract 68 Months

E31705(Sandy)*
SANDY MITIGATION: 17 FAN PLANTS & ADJACENT TUNNELS
$10M - $50M

Long term flood mitigation/resiliency and construction for 17 fan plants and adjacent tunnels at various locations in Manhattan, Roosevelt Island and the Bronx. Work on buildings or hatch entrances, ventilators, emergency exists, critical room doors/openings/vents will be performed.

Duration of Contract 44 Months

P80683
SIR: THREE NEW POWER SUBSTATIONS**
$10M - $50M

Fabrication and installation of three new substations in Staten Island at New Dorp, Tottenville and Clifton to support 2x3000kW rectifiers.

Duration of Contract 42 Months

W81407
STATEN ISLAND RAILWAY: INSTALL CUSTOMER INFORMATION SIGNS**
$1M - $5M

Installation of Customer Information Signs (CIS) for train arrival display at 21 Staten Island Railway station locations. Vendor will be responsible for supply of head-end software in order to integrate with necessary computer equipment/hardware.

Duration of Contract 12 Months

New York City Transit
Brief Description of Work
JUN 2016

A37628(Sandy)*
SANDY MITIGATION: EMERGENCY BOOTH COMMUNICATION SYSTEM (EBCS)
$10M - $50M

Replace existing Emergency Booth Communication and Mass Call systems with the following improvements:

- IP-based system using new commercial off-the-shelf hardware
- Voice over IP communications for both text and voice
- Connection of the new system to the NYCT SONET/ATM network
- New head end, including software and hardware at the RCC and Backup Control Center
- New workstations at the RCC, BCC and Electronic Maintenance Division (EMD) offices
- New integrated HP and EBCS/Mass Call system head end

Duration of Contract 54 Months

B40495
REPLACEMENT OF OIL-WATER SEPARATORS AT 4 LOCATIONS
$5M - $10M
Replace over-age and/or poor condition oil/water separators at 4 bus depots. The goals of this project are to replace equipment for code and permit compliance to avoid possible soil and groundwater contamination as well as the discovery and remediation of any existing contamination in the vicinity of these oil/water separators.

Duration of Contract 18 Months

C34923
OVERCOAT: BROADWAY TO END OF LINE - MYRTLE AVENUE LINE**
$10M - $50M
Overcoat painting and steel repair of 2.6 miles of elevated structure on the Myrtle Avenue Line in Brooklyn and Queens.

Duration of Contract 32 Months

C48701*
ELEVATED STRUCTURAL REHAB: WHITE PLAINS ROAD LINE**
$10M - $50M
Rehabilitation of steel elevated structure of WPR Line between Boston Road and East 180th St Abutment, inclusive of abutment repairs.

Duration of Contract 24 Months

C48702/C48711*
STRUCTURAL REHABILITATION ON MYRTLE AVENUE LINE**
OVER $50M
This contract will include rehabilitation of elevated structures at two locations on the Myrtle Avenue Line (BMT) in Queens: 1. Reconstruction of Myrtle Viaduct, including concrete and steel repairs, installation of new drainage system to be connected to storm drainage, and replacement of existing track along the associated right-of-way with Type II and Type III. 2. Replacement of Thru-Span Bridge North of Fresh Pond Station over New York & Atlantic Railroad Right-of-Way.

Duration of Contract 26 Months

New York City Transit
Brief Description of Work
JUL 2016

A36164
ADA: 68TH ST-HUNTER COLLEGE / LEXINGTON
$10M - $50M
This project will provide full ADA (Americas with Disabilities Act) accessibility at the 68th Street-Hunter College Station on the IRT Lexington Avenue Line located in the borough of Manhattan. The station was identified as an ADA Key station in 1992.

- Installation of elevators
- Widening existing street stairs
- Expansion of mezzanine
- Construct new platform stairs

Duration of Contract 48 Months

A46017/A46019/A46020/A46021/A46022
STATIONAL RENEWAL: 5 STATIONS - ASTORIA LINE**
$10M - $50M
Renewal of 5 stations on the Astoria Line in Queens.

Duration of Contract 27 Months

B40671
110 CNG ARTICULATED BUSES**
OVER $50M

Purchase of 110 60'-foot low floor CNG articulated buses to provide service on identified high-capacity bus routes. These buses shall be designed to operate in Authority revenue service for a minimum of 12 years or 500,000 miles.

Duration of Contract 38 Months

C34836(Sandy)*
SANDY MITIGATION: LONG TERM PERIMETER PROTECTION-CONEY ISLAND YD
OVER $50M

This contract involves long term measures to mitigate Coney Island Yard from damage by future storm surge, including the following:

- Construction of flood walls along the perimeter of the yard
- Installation of watertight gates at vehicular and pedestrian gates
- Ensuring sufficient pumping capacity based around on-site storage and off-site pumping
- Improving yard drainage as needed including outfall and runoff management measures

Duration of Contract 48 Months

C34838/P36450(Sandy)*
SANDY MITIGATION: LONG-TERM PERIMETER PROTECTION, 207 ST YARD
OVER $50M

This project will provide perimeter protection at the 207th Street Yard to prevent flooding due to storm surges from a Category 2 hurricane plus 1' for wave run-up, 1' for freeboard, and 1' for sea level rise. This will also include flood gates or other sealing features at the tunnel portals in the yard.

- Construction of an approx. 1630-ft long seawall
- Construction of a floodwall at the north end of the site
- Installation of watertight driveway gates at entrances
- Installation of a "softgoods" barrier at the tunnel portals
- Installation of backwater valves on drain inlet pipes

Duration of Contract 68 Months

C34918*
OVERCOAT: 157 ST PORTAL TO 164 STREET - JEROME LINE**
$5M - $10M

Overcoat painting from the portal abutment, near the intersection of River Avenue and 157th Street, to 164 St on the Jerome Line in the Bronx.

Duration of Contract 12 Months

R34211*
PURCHASE 1025 R211 RAIL CARS**
OVER $50M

Procurement of 1025 R211 Railcars including: 940 B-Division Rail Cars, 10 Open Gangway Prototype Cars and 75 Staten Island Railway Passenger Cars.

Duration of Contract TBD Months
New York City Transit
Brief Description of Work
AUG 2016

C40257
EAST NEW YORK DEPOT WINDOWS AND FACADE
$1M - $5M

This project shall replace all the exterior window units and clean, repair, and restore the entire brick façade at the East New York Bus Depot. Work includes but is not limited to: general construction, masonry, and minor electrical work.

Duration of Contract 17 Months

P36698*
NEW SUBSTATION: MASPETH AV-HUMBOLDT ST / CNR**
$10M - $50M

Design of three new substations on the Canarsie Line to operate more trains with increased services under Communications Based Train Control (CBTC) operations. Construction of each substation to be advanced separately.

Duration of Contract 42 Months

P36699*
CONSTR NEW SUBSTATION: HARRISON PL / CNR**
$10M - $50M

Design of three new substations on the Canarsie Line to operate more trains with increased services under Communications Based Train Control (CBTC) operations. Construction of each substation to be advanced separately.

Duration of Contract 49 Months

MTA Bus
Brief Description of Work
MAY 2016

C40246
CNG UPGRADE-COLLEGE POINT
$5M - $6M

This project 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 16 Months

MTA Bus
Brief Description of Work
JUN 2016

C40248
DEPOT COMPONENT: SPRING CREEK ROOF
$2M - $3M

This project for facility component rehab will replace the existing roof at the Spring Creek Depot. This project is FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.
Duration of Contract 10 Months

MTA Bus
Brief Description of Work
JUL 2016

B62022
SECURITY IMPROVEMENTS- JFK & SPRING CREEK DEPOTS
$9M-$10M

This project will consist of security improvements to protect critical MTA infrastructures to ensure the secure continuation of MTA operations at the Spring Creek and JFK Depots. This project is FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.

Duration of Contract 21 Months

MTA Bus
Brief Description of Work
NOV 2016

M30600
STOREROOM EXPANSION- BAISLEY PARK DEPOT
$3M - $4M

This project is for facility renovation and will consist of reconfiguring and expanding the storeroom at the Baisley Park Depot. This project is FTA funded. Procurement will be done on behalf of MTA Bus by MTA New York City Transit.

Duration of Contract 13 Months

MTA Bus
Brief Description of Work
JAN 2017

NEW HVAC: SPRING CREEK & COLLEGE POINT DEPOTS
$6M-$7M

This project will replace the existing HVAC system at the Spring Creek and College Point Depots. 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

Capital Construction
Brief Description of Work
MAR 2016

C-81190
DESIGN SERVICES FOR PHASE II OF THE SECOND AVENUE SUBWAY PROJECT**
Over $100M

Phase II of the Second Avenue Subway ("SAS") will extend the subway services of the current SAS Phase I from the current 96th St Station to 125th Street in Manhattan with three new stations, at 106th Street and 116th Street on Second Avenue and 125th Street on Lexington Avenue. The Scope of Work for this Contract includes but is not limited to:
- Provide technical information to support the Environmental Assessment process
- Update the Preliminary Engineering design to reflect the current design and operational criteria of NYCT
- Prepare the Final Design of the construction contracts
- Provide technical services as the Designer-of-Record to support construction

Duration of Contract 84 Months

C-81191
CONSULTANT ENVIRONMENTAL SERVICES FOR PHASE II OF THE SECOND AVENUE SUBWAY PROJECT**
$5M - $10M

Phase II of the Second Avenue Subway ("SAS") will extend the subway services of the current SAS Phase I from the current 96th St Station to 125th Street in Manhattan with three new stations, at 106th Street and 116th Street on Second Avenue and 125th Street on Lexington Avenue. The Scope of Work for this Contract includes but is not limited to:

- Provide the environmental engineering, scientific, technical and analytical services to update the Final Environmental Impact Statement for this phase of the SAS Project.
- Prepare and provide assistance in support of the Supplemental Environmental Assessment, New Starts documentation for the Federal Transit Administration’s Capital Investment Grant, and National Environmental Policy Act requirements

Duration of Contract 16 Months

PS853
COMMUNITY OUTREACH SERVICES FOR PHASE II FOR THE SECOND AVENUE SUBWAY PROJECT**
$5M - $10M

Phase II of the Second Avenue Subway ("SAS") will extend the subway services of the current SAS Phase I from the current 96th St. Station to 125th Street in Manhattan with three new stations, at 106th Street and 116th Street on Second Avenue and 125th Street on Lexington Avenue. The Scope of Work for this Contract includes but is not limited to:

- Assists in the development, implementation and management of a community relations/outreach program
- Manage and staff a Community Information Center ("CIC")
- Provide graphics support for CIC exhibits, promotional materials, signage, public workshop materials
- Distribute flyers, newsletters and notices
- Document and assist MTA Capital Construction in addressing Community Concerns
- Assist in planning, administrating and managing meetings with the local community leaders and groups

Duration of Contract 60 Months

PS851
INDEPENDENT VERIFICATION TESTING AND LABORATORY SERVICES ON AN AS-NEEDED BASIS**
$500K - $1M

This contract is for on-call independent verification testing and laboratory services. The work is a combination of field and laboratory work and includes but is not limited to:

- Soils- In-situ, field density and proctor tests and, gradation of granular material
- Concrete/Shotcrete- compressive strengths, unit weight, slump and air content tests
- Structural Steel - visual weld and magnetic particle inspections, penetrant, ultrasonic and radiography testing

Duration of Contract 36 Months

Capital Construction
Brief Description of Work
APR 2016
CH061A
TRACK A CUT AND COVER STRUCTURE FOR THE EAST SIDE ACCESS PROJECT**
$10M - $50M
This contract is for the construction of a cut and cover tunnel structure along with associated work. The scope of work shall include but is not limited to:

- Construction of a cut and cover tunnel
- Installation of utilities
- Demolition of abandoned 12kV and communication duct banks
- Fabrication and installation of catenary structures for the Westbound Bypass
- Construction of the Westbound Bypass Track Bed over Tunnel A

Duration of Contract 16 Months

CQ033
MID-DAY STORAGE YARD FACILITY FOR THE EAST SIDE ACCESS PROJECT**
Over $100M
This contract is for the construction of a storage yard facility for railcars. The scope of work under this contract shall include but is not limited to:

- Demolition of existing buildings
- Perform environmental remediation
- Installation of sub-ballast, ballast, switches, ties, track, third rail, drainage, conduit and duct banks
- Removal of existing and installation of new utilities
- Install, test and commission yard track, signal systems, traction power, mechanical and electrical systems
- Construct foot bridge, walkways, and roadways.

Duration of Contract 40 Months

PS863
PROGRAM MANAGEMENT SERVICES FOR THE PENN STATION ACCESS PROJECT**
$10M - $50M
The Penn Station Access Project will provide an alternate route and terminal in Manhattan for Metro-North New Haven Line customers at Penn Station. This Contract is for Program Management consulting services to assist in the advancement of the Project. The scope of work for this Contract includes but is not limited to:

- General services to support conceptual planning, pre-engineering and engineering design phases
- Technical writing, including preparation of the scope of work for the full engineering services RFP, Project
- Management Plan, and, interagency and other agreements
- Cost estimating to refine preliminary estimates prepared in the conceptual planning phase and updates
- Preparation of a Master Program Schedule, establishment of program milestones and interface points
- Design reviews and constructability assessments

Duration of Contract 40 Months
CM015
48TH ST. ENTRANCE FOR THE EAST SIDE ACCESS PROJECT**
$10M - $50M
Duration of Contract 24 Months

CS084
TUNNEL SYSTEMS PACKAGE 2, SIGNAL INSTALLATION FOR THE EAST SIDE ACCESS PROJECT**
$10M - $50M
Duration of Contract 41 Months

PS864
ENGINEERING AND ENVIRONMENTAL CONSULTANT FOR THE PENN STATION ACCESS PROJECT**
$50M - $100M
Duration of Contract 27 Months