Welcome to the latest MTA "Eye on the Future," in which we present currently funded capital projects that are planned to be advertised from December 2015 through November 2016.

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 57 projects valued at more than $2.0 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 $9 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
## 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**

### December 2015 – November 2016

<table>
<thead>
<tr>
<th>Type of Contract</th>
<th>Solic Month</th>
<th>Reference Number</th>
<th>Contract Description</th>
<th>Agency</th>
<th>Range</th>
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<tr>
<td>Special Services</td>
<td>FEB 2016</td>
<td>VN-84</td>
<td>Design for Replacement of Upper Level Elevated Approach &amp; Anchorage Decks - Phase 1</td>
<td>B&amp;T</td>
<td>$10M - $50M</td>
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<td>Special Services</td>
<td>MAR 2016</td>
<td>HH-07/HH-30</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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<td>Special Services</td>
<td>MAR 2016</td>
<td>QM-18 Phase 2</td>
<td>Design for Manhattan Plazas Structural Rehabilitation</td>
<td>B&amp;T</td>
<td>$5M - $10M</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</td>
<td>APR 2016</td>
<td>HH-89</td>
<td>Design-build - Skewback and Pedestal Retrofit Work at Henry Hudson Bridge</td>
<td>B&amp;T</td>
<td>OVER $50M</td>
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<tr>
<td>Constr</td>
<td>APR 2016</td>
<td>TUN-MIT-01</td>
<td>Flood Mitigation at the Hugh L. Carey Tunnel (HLCT) and Queens-Midtown</td>
<td>B&amp;T</td>
<td>OVER $50M</td>
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[MTA - Eye on the Future](http://web.mta.info/mta/capital/eotf-allagency_new.htm)
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<tr>
<td>Constr Mgmt</td>
<td>MAY 2016</td>
<td>HH-13A/HH-88B</td>
<td>Construction Management Services for HH-13A/HH-88B (Reconstruction of Toll Plazas and Southbound Approach, and Replacement of Facility Lighting System)</td>
<td>B&amp;T</td>
<td>$5M - $10M</td>
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<tr>
<td>Constr</td>
<td>JUN 2016</td>
<td>BW-39/RK-60</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>JUN 2016</td>
<td>RK-58</td>
<td>Rehabilitate Robert Moses Building and Service Buildings</td>
<td>B&amp;T</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 Miscellaneous Structural Rehabilitation at RFK and painting of suspended span</td>
<td>B&amp;T</td>
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<td>Constr Mgmt</td>
<td>JUL 2016</td>
<td>TUN-MIT-01</td>
<td>Tunnel Mitigation</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>
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<tr>
<td>Special Services</td>
<td>OCT 2016</td>
<td>TN-55</td>
<td>Study for Replacement of Bronx &amp; Queens Approaches at Throgs Neck Bridge</td>
<td>B&amp;T</td>
<td>$5M - $10M</td>
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### Long Island Rail Road

| Constr | DEC 2015 | L09219 | Jamaica Capacity Improvements - Platform Construction | LIRR | OVER $50M |
| Constr | MAR 2016 | L09411 | New Mid-Suffolk Electric Yard | LIRR | OVER $50M |
| Constr | MAR 2016 | L10197 & L10232 | Mets-Willets Point Station ADA Elevator & Station Improvements | LIRR | $10M - $50M |
| Constr | MAR 2016 | L10269 | Penn Station Station Master's Office Renovation | LIRR | $1M - $5M |
| Constr | MAY 2016 | E01930 & E02605 (Sandy)* | Long Island City Yard Restoration / Resiliency | LIRR | $10M - $50M |
| Constr | JUN 2016 | L10175 | Richmond Hill Substation Replacement | LIRR | $5M - $10M |

### Metro-North Railroad

| Constr | JUL 2016 | M10243 | Port Chester Elevator - Construction | MNR | $1M - $5M |

### MTA Bus

http://web.mta.info/mta/capital/eotf-allagency_new.htm
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<tr>
<td>Constr</td>
<td>JUN 2016</td>
<td>SF01-7407</td>
<td>Security Improvements- JFK &amp; Spring Creek Depots</td>
<td>MTA BUS</td>
<td>$5M - $10M</td>
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<tr>
<td>New York City Transit</td>
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<tr>
<td>Constr</td>
<td>DEC 2015</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>Purchase</td>
<td>DEC 2015</td>
<td>D37478</td>
<td>Replace Server Hardware: RCC and BCC</td>
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<tr>
<td>Constr</td>
<td>DEC 2015</td>
<td>P36445 (Sandy)*</td>
<td>Sandy Repairs: Clark St Tube</td>
<td>NYCT</td>
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<tr>
<td>Constr</td>
<td>JAN 2016</td>
<td>A36944 (Sandy)*</td>
<td>Sandy Mitigation: 6 of 14 Fan - Above Grade Surface Protection</td>
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<tr>
<td>Constr</td>
<td>JAN 2016</td>
<td>A36956</td>
<td>Station Components: 4 Locations / 8th Avenue</td>
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<tr>
<td>Constr</td>
<td>JAN 2016</td>
<td>A37608 (Sandy)*</td>
<td>Sandy Mitigation: Critical Room Resiliency</td>
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<td>Constr</td>
<td>JAN 2016</td>
<td>A37612</td>
<td>Sandy Mitigation: Street Level Opening - 8 Sinks</td>
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<tr>
<td>Constr</td>
<td>JAN 2016</td>
<td>C34838/P36450 (Sandy)*</td>
<td>Sandy Mitigation: Long-Term Perimeter Protection, 207 St Yard</td>
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<tr>
<td>Constr</td>
<td>JAN 2016</td>
<td>C40254</td>
<td>Replace Roof at East New York Bus Depot</td>
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<td>Constr</td>
<td>JAN 2016</td>
<td>C52091</td>
<td>Emergency Generator at Livingston Plaza</td>
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<tr>
<td>Constr</td>
<td>JAN 2016</td>
<td>E31683 (Sandy)*</td>
<td>Sandy Mitigation: 13 Fan Plants, Long-Term - 5 Locations (Above Ground)</td>
<td>NYCT</td>
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<tr>
<td>Constr</td>
<td>JAN 2016</td>
<td>E31689 (Sandy)*</td>
<td>Sandy Mitigation: 11 Fan Plants, Long-Term - 8 Locations (Below Ground and MCDs)</td>
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<tr>
<td>Constr</td>
<td>JAN 2016</td>
<td>E31705 (Sandy)*</td>
<td>Sandy Mitigation: 17 Fan Plants &amp; Adjacent Tunnels</td>
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<td>Purchase</td>
<td>JAN 2016</td>
<td>R34252</td>
<td>Purchase 54 Flat Cars</td>
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<td>Constr</td>
<td>MAR 2016</td>
<td>A37659 (Sandy)*</td>
<td>Sandy Mitigation: 9 Stations and 1 Fan Plant</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>
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<tr>
<td>Constr</td>
<td>MAR 2016</td>
<td>C34839/P36449 (Sandy)*</td>
<td>Sandy: Long-Term Perimeter Protection &amp; Power Cable Repl - 148th Yard</td>
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<td>Constr</td>
<td>MAR 2016</td>
<td>D37467</td>
<td>PBX Upgrade, Phase 1</td>
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<td>Constr</td>
<td>APR 2016</td>
<td>W32785</td>
<td>ISIM-B: Module 2 : Package 1 (21 Stations)</td>
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<td>Constr</td>
<td>MAY 2016</td>
<td>A36164</td>
<td>ADA: 68th St-Hunter College / Lexington</td>
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<td>$10M - $50M</td>
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<td>Constr</td>
<td>JUN 2016</td>
<td>C40250</td>
<td>Upgrade: Jackie Gleason Depot CNG Compressor</td>
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<td>Purchase</td>
<td>JUN 2016</td>
<td>W32359</td>
<td>Purchase and Install: Penta Radio Communications Consoles</td>
<td>NYCT</td>
<td>$500K - $1M</td>
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<tr>
<td>Constr</td>
<td>JUL 2016</td>
<td>A36874</td>
<td>Replace Station Components at Queensboro Plaza / Flushing</td>
<td>NYCT</td>
<td>$250K - $500K</td>
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<td>Constr</td>
<td>JUL 2016</td>
<td>C34836* (Sandy)</td>
<td>Sandy Mitigation: Coney Island Yard</td>
<td>NYCT</td>
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<td>Constr</td>
<td>AUG 2016</td>
<td>A37628* (Sandy)</td>
<td>Sandy Mitigation: Upgrade Emergency Booth Comm System (EBCS)</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Constr</td>
<td>AUG 2016</td>
<td>P36437* (Sandy)</td>
<td>Sandy: Repair work on the Canarsie Tube</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Constr</td>
<td>SEP 2016</td>
<td>A36921</td>
<td>Station Component work at 3 Locations / Crosstown</td>
<td>NYCT</td>
<td>$1M - $5M</td>
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<tr>
<td>Constr</td>
<td>SEP 2016</td>
<td>A36961</td>
<td>Station Component work at 3 Locations / Fulton</td>
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<tr>
<td>Constr</td>
<td>OCT 2016</td>
<td>C31620</td>
<td>Install Yard CCTV, Phase 2</td>
<td>NYCT</td>
<td>$10M - $50M</td>
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<tr>
<td>Constr</td>
<td>NOV 2016</td>
<td>A36150*</td>
<td>Provide ADA Accessibility: Phase 2: 57 Street - 7 Avenue / Broadway</td>
<td>NYCT</td>
<td>OVER $50M</td>
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<tr>
<td>Constr</td>
<td>NOV 2016</td>
<td>MW56-4587*</td>
<td>CBTC Flushing: Equipment Removals</td>
<td>NYCT</td>
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<td>Constr</td>
<td>NOV 2016</td>
<td>P36415</td>
<td>Rehabilitate CBH 275: Pearl Street/ Clark</td>
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<td>Constr</td>
<td>NOV 2016</td>
<td>SF01-7144</td>
<td>Replace Paint Booth Air Systems at 5 Locations</td>
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<td>Constr</td>
<td>NOV 2016</td>
<td>SF01-7260</td>
<td>Jamaica Bus Terminal Reconfiguration</td>
<td>NYCT</td>
<td>$1M - $5M</td>
</tr>
</tbody>
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* Partially Funded by Federal grant(s)
Bridges and Tunnels

Brief Description of Work

FEB 2016

VN-84
DESIGN FOR REPLACEMENT OF UPPER LEVEL ELEVATED APPROACH & ANCHORAGE DECKS - PHASE 1
$10M - $50M

Under this design contract, the consultant shall design the replacement of the Upper Level Approaches in Brooklyn and Staten Island and widen the existing lower level east bound connector ramp (Ramp D) from the VNB to the Belt parkway. The design work will also include a new right hand exit ramp from the east bound upper level of the VNB to the Belt Parkway (Ramp H), the east bound upper level main span and relocate 92nd street exit ramp. All design work will include rehabilitation of electrical and lighting systems, drainage, fire standpipe, as well as Seismic analysis and Environmental Assessments.

- Review previously performed design brief report, and all available documentations and inspection reports related to the project scope and meet with Authority staff.
- Prepare final design documents for rehabilitation of selected alternative.
- 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.

Duration of Contract 60 Months
HH-07/HH-30
MISCELLANEOUS STRUCTURAL REHABILITATION AND OVERCOAT PAINTING AT HENRY HUDSON BRIDGE
$1M - $5M

Design Project Description - HH-07A task is a continuation of HH-07 which repaired/replaced all high priority findings from the 2009 Biennial Inspection. The design work under HH-07A project will include repair/replacement of deteriorated steel identified in the recent and upcoming Biennial Inspections. Load ratings of certain structural members will also be enhanced. Overcoat Painting of the steel members will be performed under HH-30 contract.

- 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

QM-18 Phase 2
DESIGN FOR MANHATTAN PLAZAS STRUCTURAL REHABILITATION
$5M - $10M

Under this contract, the consultant will design for repaving and re-profiling Entrance 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 Manhattan Plaza 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 constriction.

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. The work scope also includes any necessary fire detection/suppression systems as recommended under the fire vulnerability study.

- 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
HH-89
DESIGN-BUILD - SKEWBACK AND PEDESTAL RETROFIT WORK AT HENRY HUDSON BRIDGE
OVER $50M

Under this design/build contract, the design builder will rehabilitate the skewback structures of fixed arch span, Replacement of Approach Concrete Pier Pedestals, Replacement of Lower Level North Abutment Pilaster and Miscellaneous construction items such as fencing, drainage modifications, tree removal, landscaping, temporary park path, soil erosion control and associated works. Major tasks include:

- Investigate the existing conditions and review available documentation.
- Develop design documents at established milestone for the Authority's review and approval and perform construction per the approved design.
- Comply with all design criteria, phasing approach, environmental permits and approvals, schedule, fire and security requirements.
- Provide Maintenance and Protection of Traffic (MPT) as needed.
- Perform approved method of jacking and/or load transfer schemes.
- Prepare as-built documentation.

Duration of Contract 33 Months

TUN-MIT-01
FLOOD MITIGATION AT THE HUGH L. CAREY TUNNEL (HLCT) AND QUEENS-MIDTOWN TUNNEL (QMT)
OVER $50M

The work under this design/build contract will include preparation of design documents, construction, operation, and maintenance of a comprehensive flood mitigation program to protect tunnel entrance and exit plazas and the HLCT Governors Island Ventilation Building.

- Design, construction, operation, and maintenance of a comprehensive flood mitigation program to protect tunnel entrance and exit plazas and the HLCT Governors Island Ventilation Building

Duration of Contract 30 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
**Brief Description of Work**

**JUN 2016**

**BW-39/RK-60**

**DESIGN-BUILD INSTALLATION OF FACILITY-WIDE ELECTRONIC MONITORING AND DETECTION SYSTEM OVER $50M**

The work under this project 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. The facility approaches and viaducts will also require the installation of CCTV for 100% coverage. The monitoring and detection equipment and fire/smoke detection equipment will include but not be limited to a computer based closed circuit television surveillance system for monitoring traffic scenes, security alarms, digital video recording, proximity card access system, and integrated fire, heat, and smoke detection equipment. The project also includes the installation of fiber optic and power cabling to support the new installations as necessary.

- 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**

**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**

**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**

MTA - Eye on the Future http://web.mta.info/mta/capital/eotf-descr.htm
RK-19/RK-70/RK-70 Paint

DESIGN FOR MISCELLANEOUS STRUCTURAL REHABILITATION AT RFK AND PAINTING OF SUSPENDED SPAN

$1M - $5M

Under this contract, the consultant will prepare a design to retrofit the stringer to floor beam connection of the East River Suspension Bridge. Task will also include miscellaneous structural repairs to address biennial flags for all three legs of RFK Bridge.

- Review available documentation and inspection reports related to the project scope and meet with Authority staff.
- Prepare final design documents for rehabilitation of selected alternative.
- 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.

Duration of Contract 27 Months

TUN-MIT-01

TUNNEL MITIGATION

$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

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
RK-20
MAIN CABLE INSPECTION AND REHABILITATION
$1M - $5M

The consultant under this design task will prepare a design to inspect and provide rehabilitation details to address the inspection findings and address biennial flags for all three legs of RFK Bridge.

- Review available documentation and inspection reports related to the project scope and meet with Authority staff
- Prepare inspection suspension span main cable inspection protocol and staging plan. Provide design to address inspection findings.
- 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.

Duration of Contract 72 Months

Bridges and Tunnels
Brief Description of Work
OCT 2016

TN-55
STUDY FOR REPLACEMENT OF BRONX & QUEENS APPROACHES AT 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

Long Island Rail Road
Brief Description of Work
DEC 2015

L09219
JAMAICA CAPACITY IMPROVEMENTS - PLATFORM CONSTRUCTION
OVER $50M

Construction of a new station platform [Platform F] south of the existing Jamaica Station platforms A through E, and related railroad infrastructure modifications and improvements required by addition of new platform. Modifications include installation of new tangential and special track work, and realignment of existing right of way with the overall goal of providing for Brooklyn-to-Jamaica Service in support of East Side Access Opening Day.

- Construction of new Platform F in Jamaica Station.
- Connection to existing AirTrain Portal and Westerly passenger bridges.
- Construction of new stairway to Sutphin Blvd.
- Installation of new elevator and escalator to AirTrain Portal Bridge.
- Platform amenities [PA, Waiting Room, etc.] commensurate with existing Platforms A through E.
- Modifications to existing Jay Interlocking for dedicated Brooklyn to Jamaica Service [existing trks 11 and EWD ATL FRT being reconfigured, including removal of a turnout, to platform tracks 11 & 12 including installation of new diamond crossover].
- Various track, signal, power, and communications improvements / modifications.
Duration of Contract 36 Months

Long Island Rail Road
Brief Description of Work
MAR 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 access gates, parking, walkways, and lighting.
- Employee welfare facilities.

Duration of Contract 30 Months

L10197 & L10232
METS-WILLETS POINT STATION ADA ELEVATOR & STATION IMPROVEMENTS
$10M - $50M

Construction of an ADA elevator, overpass, and stairs at the north platform. Project work includes west end platform extension.

- New elevator, elevator machine room, pits, and associated equipment.
- New overpass and stairs / handrails.
- New platform extension on west end to accommodate 12-car trains.

Duration of Contract 24 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

Long Island Rail Road
Brief Description of Work
MAY 2016
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 24 Months

Long Island Rail Road
Brief Description of Work
JUN 2016

L10175
RICHMOND HILL SUBSTATION REPLACEMENT
$5M - $10M
Construction of new prefabricated 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

Metro-North Railroad
Brief Description of Work
JUL 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.
- Upgrade station electrical distribution panel.
- Demolish existing and construct new retaining walls.
• Construct new elevator tower and machine room.
• Construct replacement staircase with lighting.

Duration of Contract 12 Months

MTA Bus
Brief Description of Work
JUN 2016

SF01-7407
SECURITY IMPROVEMENTS- JFK & SPRING CREEK DEPOTS
$5M - $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 26 Months

New York City Transit
Brief Description of Work
DEC 2015

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

New York City Transit
Brief Description of Work
JAN 2016

D37478
REPLACE SERVER HARDWARE: RCC AND BCC
$1M - $5M

This project will purchase and install new hardware to support the Rail Control Center (RCC) and the Backup Control Center (BCC). By purchasing new hardware and achieving virtualization technology, the amount of physical servers can be reduced.

Duration of Contract 5 Months

New York City Transit
Brief Description of Work
JAN 2016

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
A36944(Sandy)*
SANDY MITIGATION: 6 OF 14 FAN - ABOVE GRADE SURFACE PROTECTION
$1M - $5M
This project will prevent flood water from entering fan plants and the NYCT System. This project will include near term protection of above grade fan plant structures vulnerable to coastal storm flooding. Work includes both permanent replacement (doors etc.), and deployable elements (louver shielding etc.) which are put in place only in advance of a storm.

Duration of Contract 21 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

A37608(Sandy)*
SANDY MITIGATION: CRITICAL ROOM RESILIENCY
$10M - $50M
The project will install flood protection measures at subway station public stairwells vulnerable to coastal storm flooding. Critical facilities within stations will receive protection from water damage if the tunnel floods. Sidewalk ventilation gratings will have mechanical devices installed beneath, which when activated will close off flood water from entering the system.

Duration of Contract 21 Months

A37612
SANDY MITIGATION: STREET LEVEL OPENING - 8 STNS
$10M - $50M
This project will provide critical facilities within stations protection (waterproof doors etc.) from water damage if the tunnel floods. Sidewalk ventilation gratings will have mechanical devices installed, which when activated will close off flood water from entering the system. Public entrances to subway and manholes which connect to the subway will have permanent and deployable barrier systems installed, preventing floodwater from entering the system.

Duration of Contract 31 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

C40254
REPLACE ROOF AT EAST NEW YORK BUS DEPOT
$5M - $10M
This project will replace the existing roof at the East New York Bus Depot in the borough of Brooklyn.

Duration of Contract 23 Months

C52091
EMERGENCY GENERATOR AT LIVINGSTON PLAZA
$10M - $50M

This project will upgrade the emergency power system at the 130 Livingston Plaza building, located in Brooklyn. This project will replace and upgrade the building mechanical and electrical systems.

Duration of Contract 10 Months

E31683(Sandy)*
SANDY MITIGATION: 13 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: 11 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

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

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 TBD Months
New York City Transit
Brief Description of Work
MAR 2016

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

C34839/P36449(Sandy)*
SANDY: LONG-TERM PERIMETER PROTECTION & POWER CABLE REPL - 148TH YARD
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.

- 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

D37467
PBX UPGRADE, PHASE 1
$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
ISIM-B: MODULE 2 : PACKAGE 1 (21 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

A36164
ADA: 68TH ST-HUNTER COLLEGE / LEXINGTON
$10M - $50M
This project will provide full ADA (Americans 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 42 Months

New York City Transit
Brief Description of Work
JUN 2016

C40250
UPGRADE: JACKIE GLEASON DEPOT CNG COMPRESSOR
$1M - $5M
Duration of Contract 10 Months

W32359
PURCHASE AND INSTALL: PENTA RADIO COMMUNICATIONS CONSOLES
$500K - $1M
Duration of Contract 3 Months

New York City Transit
Brief Description of Work
JUL 2016

A36874
REPLACE STATION COMPONENTS AT QUEENSBORO PLAZA / FLUSHING
$250K - $500K
Duration of Contract 10 Months
C34836(Sandy)*
SANDY MITIGATION: CONEY ISLAND YARD
Duration of Contract 48 Months

A37628(Sandy)*
SANDY MITIGATION: UPGRADE EMERGENCY BOOTH COMM SYSTEM (EBCS)
OVER $50M
Sandy Mitigation: Upgrade Emergency Booth Comm System (EBCS)
Duration of Contract 38 Months

P36437(Sandy)*
SANDY: REPAIR WORK ON THE CANARSIE TUBE
OVER $50M
Duration of Contract 66 Months

A36921
STATION COMPONENT WORK AT 3 LOCATIONS / CROSSTOWN
$1M - $5M
Duration of Contract 11 Months

A36961
STATION COMPONENT WORK AT 3 LOCATIONS / FULTON
$1M - $5M
Duration of Contract 24 Months

C31620
INSTALL YARD CCTV, PHASE 2
$10M - $50M
Duration of Contract 31 Months
New York City Transit
Brief Description of Work
NOV 2016

A36150*
PROVIDE ADA ACCESSIBILITY: PHASE 2: 57 STREET - 7 AVENUE / BROADWAY
OVER $50M
Duration of Contract 37 Months

MW56-4587*
CBTC FLUSHING: EQUIPMENT REMOVALS
$10M - $50M
Duration of Contract 22 Months

P36415
REHABILITATE CBH 275: PEARL STREET/ CLARK
$1M - $5M
Duration of Contract 24 Months

SF01-7144
REPLACE PAINT BOOTH AIR SYSTEMS AT 5 LOCATIONS
$5M - $10M
Duration of Contract 18 Months

SF01-7260
JAMAICA BUS TERMINAL RECONFIGURATION
$1M - $5M
Duration of Contract 6 Months