

**THE PORT AUTHORITY OF NY & NJ**  
**PROCUREMENT DEPARTMENT**  
**TWO MONTGOMERY STREET, 3<sup>RD</sup> FLOOR**  
**JERSEY CITY, NJ 07302**

**Date: February 27, 2015**

**ADDENDUM #7**

To prospective Proposers to Request for Proposals (RFP) # 40551: Multi-Facility Replacement Toll Collection System

Follow-up Questions due March 3, 2015, no later than 3:00 PM EST

Proposals due on March 26, 2015, no later than 2:00 PM EST

CHANGES

1. Book 2, Clause 69, Page 72 (Basic Contract Drawings): Insert the following drawing numbers and titles after the row beginning with MT109, and prior to the row beginning with MT201:

MT110	MAINTENANCE OF TRAFFIC BAYONNE BRIDGE RIGHT LANE CLOSURE -1-	Maintenance of Traffic
MT111	MAINTENANCE OF TRAFFIC BAYONNE BRIDGE RIGHT LANE CLOSURE -2-	Maintenance of Traffic
MT112	MAINTENANCE OF TRAFFIC BAYONNE BRIDGE EXIT LANE CLOSURE -1-	Maintenance of Traffic
MT113	MAINTENANCE OF TRAFFIC BAYONNE BRIDGE EXIT LANE CLOSURE -2-	Maintenance of Traffic
MT114	MAINTENANCE OF TRAFFIC BAYONNE BRIDGE TWO LANE CLOSURE -1-	Maintenance of Traffic
MT115	MAINTENANCE OF TRAFFIC BAYONNE BRIDGE TWO LANE CLOSURE -2-	Maintenance of Traffic

2. Book 2, Clause 102, Page 126 (Hours of Work and Construction Staging): Replace the entire section with the following:

## **102. HOURS OF WORK AND CONSTRUCTION STAGING**

### **A. Hours of Work**

- 1.) Subject to all requirements stated elsewhere herein, the Work shall be performed only during the following restricted hours of Work.
- 2.) Unless otherwise stated herein, in this clause, or as directed by the Engineer, Work at the George Washington Bridge, Lincoln Tunnel, Holland Tunnel, Goethals Bridge, Outerbridge Crossing and Bayonne Bridge shall only be performed on Monday through Friday. Unless otherwise stated herein, Work at these Authority facilities may be scheduled for any hour on these permitted Work days, subject to acceptance by the Engineer.
- 3.) Unless otherwise stated herein, Work may be performed at the Telecenter and Port Authority Technical Center Monday through Friday from the hours of 8:15 AM to 3:00 PM
- 4.) The Contractor may request the closure of an additional toll lane, adjacent to a toll lane taken out of service, for Work requiring additional construction access or safety considerations. Such additional toll lane closures shall only be conducted between the hours 11:00 PM to 5:00 AM the following morning, Monday through Friday. A maximum of one additional toll lane may be closed simultaneously at a given Plaza during these permitted hours, subject to acceptance by the Engineer. Additional toll lane closures of this nature are not applicable to Work at the Bayonne Bridge.
- 5.) Construction at the Lincoln Tunnel XBL shall only be performed during 10:00 PM to 5:30 AM the following morning, Sunday through Thursday. The lane shall be open to vehicular traffic by 5:30 AM daily. The existing ITCS equipment shall remain operational throughout the construction period at the Lincoln Tunnel XBL until such time as the RTCS equipment in that lane has been installed, tested and accepted by the Engineer.
- 6.) Full closure of the GWB PIP plaza may be permitted from 11 PM to 5 AM Monday through Thursday on an as-needed, non-recurring basis subject to acceptance by the Engineer.
- 7.) The Contractor shall submit to the Engineer, at least three weeks in advance, its scheduled hours of Work for each week. The scheduled hours of work shall include any lane closures required during that time period.
- 8.) Notwithstanding anything to the contrary hereinabove, for the duration of the Contract, no closure of any traffic/toll lanes is permitted during the following periods:
  - a. George Washington Bridge
    - (i) Memorial Day weekend (5:00 AM Friday through 5:00 AM Tuesday)
    - (ii) Independence Day (5:00 AM Friday through 5:00 AM Tuesday if the holiday falls on a Saturday, Sunday or Monday; 5:00 AM Thursday through 5:00 AM Monday if the holiday falls on a Friday; and 5:00 AM the day before to 5:00 AM the day after if the holiday falls during the week).
    - (iii) Labor Day weekend (5:00 AM Friday through 5:00 AM Tuesday).
    - (iv) Mother's Day and Father's Day weekends (5:00 AM Friday through 5:00 AM Monday).
    - (v) Thanksgiving Day and weekend (5:00 AM Wednesday before the holiday through 5:00 AM Monday after the holiday).

- (vi) Christmas through New Year (5:00 AM December 23 through 5:00 AM January 2).
  - (vii) Easter weekend (5:00 AM Friday through 5:00 AM Monday).
  - (viii) From 5:00 AM the day before to 5:00 AM the day after the start of Rosh Hashanah, Yom Kippur, Passover and Hanukkah.
  - (ix) Columbus Day weekend (5:00 AM Friday through 5:00 AM Tuesday).
  - (x) From 5:00 AM the day before to 5:00 AM the day after Veteran's Day.
- b. Goethals Bridge, Outerbridge Crossing, Bayonne Bridge, and Holland Tunnel
- (i) Memorial Day weekend (5:00 AM Friday through 5:00 AM Tuesday)
  - (ii) Independence Day (5:00 AM Friday through 5:00 AM Tuesday if the holiday falls on a Saturday, Sunday or Monday; 5:00 AM Thursday through 5:00 AM Monday if the holiday falls on a Friday; and 5:00 AM the day before to 5:00 AM the day after if the holiday falls during the week).
  - (iii) Labor Day weekend (5:00 AM Friday through 5:00 AM Tuesday).
  - (iv) Mother's Day and Father's Day weekends (8:00 AM Friday through 5:00 AM Monday).
  - (v) Thanksgiving Day and weekend (5:00 AM Wednesday before the holiday through 5:00 AM Monday after the holiday).
  - (vi) Christmas through New Year (5:00 AM December 23 through 5:00 AM January 2).
  - (vii) Easter weekend (5:00 AM Friday through 5:00 AM Monday).
  - (viii) From 5:00 AM the day before to 5:00 AM the day after the start of Rosh Hashanah, Yom Kippur, Passover and Hanukkah.
  - (ix) Columbus Day weekend (5:00 AM Friday through 5:00 AM Tuesday).
  - (x) From 5:00 AM the day before to 5:00 AM the day after Veteran's Day.
  - (xi) MS Bike Tour Weekend (5:00 AM Friday through 5:00 AM Monday) at the Holland Tunnel.
  - (xii) From Memorial Day weekend through Labor Day weekend at the Outerbridge Crossing.
- c. Lincoln Tunnel
- (i) Memorial Day weekend (5:00 AM Friday through 5:00 AM Tuesday)
  - (ii) Independence Day (5:00 AM Friday through 5:00 AM Tuesday if the holiday falls on a Saturday, Sunday or Monday; 5:00 AM Thursday through 5:00 AM Monday if the holiday falls on a Friday; and 5:00 AM the day before to 5:00 AM the day after if the holiday falls during the week).
  - (iii) Labor Day weekend (5:00 AM Friday through 5:00 AM Tuesday).
  - (iv) Mother's Day and Father's Day weekends (8:00 AM Friday through 5:00 AM Monday).
  - (v) Thanksgiving Day and weekend (5:00 AM Wednesday before the holiday through 5:00 AM Monday after the holiday).
  - (vi) Christmas through New Year (5:00 AM December 23 through 5:00 AM January 2).
  - (vii) Easter weekend (5:00 AM Friday through 5:00 AM Monday).
  - (viii) From 5:00 AM the day before to 5:00 AM the day after the start of Rosh Hashanah, Yom Kippur, Passover and Hanukkah.
  - (ix) Columbus Day weekend (5:00 AM Friday through 5:00 AM Tuesday).
  - (x) From 5:00 AM the day before to 5:00 AM the day after Veteran's Day.
  - (xi) Lincoln Tunnel Fun Run Weekend (5:00 AM Friday through 5:00 AM Monday).

- 9.) Do not perform Work at the construction site outside of the time periods allowed above, or on a Federal legal holiday or a holiday of the State(s) in which the Work is being performed, unless otherwise permitted by the Engineer.

B. General Construction Staging Restrictions

The construction staging of the facilities shall have the following restrictions:

- 1.) After the Contractor commences Work at a given toll lane, that toll lane is considered “out of service” and shall remain closed to traffic until Work in that toll lane is completed and that toll lane is accepted by the Engineer. The Contractor shall schedule Work as to minimize the time that a given toll lane is out of service.
- 2.) The Contractor shall not perform the Work of the Contract at more than two toll lanes at the same Plaza at a time. The Contractor shall schedule toll lanes to be taken out of service according to the Toll Lane Construction Staging provisions in Clause 102.C. below.
- 3.) Unless accepted by the Engineer, the Contractor shall not perform the Work of the Contract at more than two Plazas at a time. After work has commenced at a given Plaza, the Contractor shall continue Work at that Plaza until all required Work at that Plaza is completed by the Contractor and accepted by the Engineer.
- 4.) Toll lanes shall not be taken out of service at the George Washington Bridge Upper Level, Lower Level or PIP Plazas simultaneously. Likewise, toll lanes shall not be taken out of service at the Goethals Bridge, Outerbridge Crossing or Bayonne Bridge Plazas simultaneously.
- 5.) Construction shall begin at the Goethals Bridge. In order to first achieve acceptance of First Lane Field Testing for both Staffed lane types and Dedicated lane types, Work of the Contract shall be completed at the Goethals Bridge prior to the start of construction at any additional Plaza.
- 6.) After Work has been completed at the Goethals Bridge, construction shall commence, subject to the provisions herein restricting Work at multiple Plazas and toll lanes, at any of the following Plazas that are comprised of only Staffed and Dedicated Lanes; including the George Washington Bridge PIP, George Washington Bridge Lower Level, George Washington Bridge Upper Level, and Holland Tunnel.
- 7.) After Work has been completed at the Goethals Bridge, construction may also commence, subject to the provisions herein restricting construction at multiple Plazas and toll lanes, at the Outerbridge Crossing. Work of the Contract shall be completed at the Outerbridge Crossing, including but not limited to acceptance of First Lane Field Testing at Toll Lanes 2 and 4 (Express Lanes), prior to the start of construction at any additional Plaza that contains Express Lanes; including the Lincoln Tunnel and the Bayonne Bridge.

C. Toll Lane Construction Staging

Work at the following toll lanes shall be staged in single or pairs as shown by Facility below:

- 1.) Goethals Bridge
  - a. Toll Lane 16 (First Staffed Lane)
  - b. Toll Lanes 14 & 6 (First Dedicated Lane)
  - c. Toll Lanes 12 & 8
  - d. Toll Lane 10
  - e. Toll Lanes 2 & 4

- 2.) George Washington Bridge PIP approach
  - a. Toll Lane 42
  - b. Toll Lanes 46 & 38
  - c. Toll Lanes 44 & 40
  - d. Toll Lanes 36 & 34
- 3.) George Washington Bridge Lower Level
  - a. Toll Lanes 74 & 72
  - b. Toll Lanes 70 & 68
  - c. Toll Lanes 66 & 64
  - d. Toll Lanes 62 & 58
  - e. Toll Lanes 60 & 56
  - f. Toll Lane 54
- 4.) George Washington Bridge Upper Level
  - a. Toll Lanes 24 & 18
  - b. Toll Lanes 22 & 16
  - c. Toll Lanes 20 & 14
  - d. Toll Lanes 12 & 10
  - e. Toll Lanes 8 & 6
  - f. Toll Lanes 4 & 2
- 5.) Holland Tunnel
  - a. Toll Lanes 1 & 6
  - b. Toll Lanes 2 & 5
  - c. Toll Lanes 3 & 7
  - d. Toll Lanes 4 & 8
  - e. Toll Lane 9
- 6.) Outerbridge Crossing
  - a. Toll Lane 16
  - b. Toll Lanes 12 & 14
  - c. Toll Lanes 8 & 10
  - d. Toll Lanes 2 & 4 (First Express Lanes)
- 7.) Lincoln Tunnel
  - a. Toll Lanes 3 & 23

- b. Toll Lanes 4 & 12
  - c. Toll Lanes 5 & 11
  - d. Toll Lanes 6 & 10
  - e. Toll Lanes 9 & 7
  - f. Toll Lane 8
  - g. Toll Lanes 1, 2 & XBL
- 8.) Bayonne Bridge
- a. For pre-installation of RTCS roadside equipment and wiring:
    - (i) The Contractor shall install all RTCS equipment and wiring in the roadside electronics cabinets necessary to support production lane operations in the subsequent stages of deployment.
    - (ii) The Contractor shall terminate and test all internal cabinet wiring and communications cabling and shall install, terminate and test all cabling and equipment necessary to connect the roadside equipment to the PAWANET.
    - (iii) All RTCS roadside equipment installed shall be fully configured and tested at this stage of deployment in preparation for lane equipment installations.
    - (iv) All ITCS equipment shall remain functional throughout this stage of deployment.
    - (v) Lane closures are not permitted for pre-installation activities.
  - b. For temporary realignment of roadway in preparation for toll zone repaving:
    - (i) The Contractor shall implement a closure of the right travel lane of Rt. 440 South as depicted in the Basic Contract Drawings in preparation for toll zone repaving.
    - (ii) During this right lane closure, the ITCS system shall remain operational and access to the exit ramp for Morningstar Road shall be maintained at all times.
    - (iii) The existing gore shall be removed and asphalt paving shall be installed as depicted in the Basic Contract Drawings.
    - (iv) The existing lane striping in the impacted area shall be removed and new temporary striping shall be installed as depicted in the Basic Contract Drawings.
  - c. For replacement of toll zone concrete pavement, removal of ITCS equipment, installation of RTCS equipment and transition to RTCS:
    - (i) The Contractor shall implement an exit lane closure as depicted in the Basic Contract Drawings to remove the existing concrete pavement and construct new concrete pavement in the roadway area spanning the exit lane and shoulder for Morningstar Road.
    - (ii) During this exit lane closure, the ITCS system shall remain operational in the open lanes and access to the exit ramp for Morningstar Road shall be maintained at all times.
    - (iii) The existing ITCS equipment and cables associated with the lanes in the closure area shall be removed from the roadway and gantry.
    - (iv) The RTCS equipment and cables shall be installed and terminated under the closure for the associated lane and shoulder area and initial field testing shall be conducted to prepare the RTCS system in those lanes to be activated.
    - (v) Upon completion of initial field testing, the RTCS system in the exit lane and shoulder for Morningstar Road will go live and the Contractor shall transition the closure to a two lane closure of the left and right travel lanes of Rt. 440 South.

- (vi) During this two lane closure, the RTCS system shall remain operational in the open lanes and access to the exit ramp for Morningstar Road shall be maintained at all times.
  - (vii) The Contractor shall remove temporary striping installed for the exit lane closure and shall install new temporary striping required for the two lane closure as depicted in the Basic Contract Drawings.
  - (viii) During this two lane closure, the Contractor shall remove the existing concrete pavement and construct new concrete pavement in the roadway area spanning the two travel lanes of Rt. 440 South.
  - (ix) The remaining ITCS equipment and cables shall be removed from the roadway, gantry and equipment cabinets.
  - (x) The remaining RTCS equipment and cables shall be installed and terminated under this closure and initial field testing shall be conducted to prepare the RTCS system in the two travel lanes to be activated.
  - (xi) Upon completion of initial field testing, the full RTCS system will be live at the Bayonne Bridge.
  - (xii) Each lane closure during this phase of the deployment shall remain in place until the necessary construction and initial testing for the associated lanes is completed and accepted, resulting in the RTCS system being placed into service for those lanes as indicated above.
- d. For final realignment of the roadway after completion of the RTCS equipment and installation:
- (i) The Contractor shall remove the two lane closure and shall implement a closure of the right travel lane of Rt. 440 South as depicted in the Basic Contract Drawings in preparation for final roadway realignment.
  - (ii) During this right lane closure, the RTCS system shall remain operational in the open lanes and access to the exit ramp for Morningstar Road shall be maintained at all times.
  - (iii) The Contractor shall remove the temporary asphalt paving and lane striping installed to facilitate toll zone repaving.
  - (iv) The Contractor shall restore the gore to original conditions as depicted in the Basic Contract Drawings.
  - (v) Upon completion of the final realignment and restoration of the original roadway conditions, the Contractor shall remove the right lane closure.
  - (vi) The Contractor shall install permanent lane striping to restore original conditions as depicted in the Basic Contract Drawings.
- e. For final tuning and testing of equipment:
- (i) One full bridge closure for one night only (Friday from 11:59 PM to 8 AM) shall be conducted to complete final tuning of the full RTCS system at the Bayonne Bridge.
  - (ii) Full field testing will be conducted to demonstrate that the RTCS system is fully operational.
- f. For re-tuning equipment, if needed:
- (i) One full bridge closure for one night only (Monday through Thursday from 9 PM to 5 AM or Friday from 11:59 PM to 8 AM).
  - (ii) If a retuning closure is required, it shall be conducted within 30 calendar days of the initial tuning.
  - (iii) Once re-tuning is completed, or the 30 calendar day period expires without the need for a re-tuning closure, the system shall perform in accordance with all performance requirements.

3. Book 2, Attachment C, TP-01 (System Technical Parameters), pages 331 through 461:

- a. Section 4.4 (Application Software), page 331: insert the following requirements as the last rows in the table provided in this Section, as Requirement Numbers 4.4-006 and 4.4-007:

<b>Requirement Number</b>	<b>Requirement</b>	<b>Type</b>
4.4-006	System User authentication services shall use Active Directory Federation Services (AD FS) claims-aware (Web Services-Federation), Security Assertion Markup Language (SAML) or Lightweight Directory Access Protocol (LDAP) interfaces.	Functional
4.4-007	System application software utilizing a claims-aware ASP.NET application shall use forms-based authentication.	Functional

- b. Section 4.5, (Graphical User Interface (GUI)), Proposer Box, page 331: Insert the following sentence as the concluding paragraph in the Proposer Box:

The Proposer shall provide a detailed description of their usage and requirements with regard to Authority provided Active Directory Domain Services.

- c. Section 4.5, (Graphical User Interface (GUI)), Requirement Number 4.5-003, page 331: Replace the “Requirement” text in its entirety with the following:

The System’s solution for single sign-on/user authentication shall utilize Authority provided Active Directory Domain Services (AD DS). Local AD DS services required by the System will be provided by the Authority.

- d. Section 6.2.1.1.1 (Logon Sequence), page 348: Insert the following requirement as the last row in the table provided in this Section, as Requirement Number 6.2.1.1.1-029:

<b>Requirement Number</b>	<b>Requirement</b>	<b>Type</b>
6.2.1.1.1-029	The Lane shall provide for local Toll Collector authentication when the Lane is off-line with the rest of the System.	Functional

- e. Section 6.3 (Facility Level Functionality), page 395: Insert the following requirement as the last row in the table provided in this Section, as Requirement Number 6.3-002:

<b>Requirement Number</b>	<b>Requirement</b>	<b>Type</b>
6.3-002	The FTH shall provide for local User authentication when the FTH is off-line with elements of the System outside the Facility.	Functional

- f. Section 6.3.1 (Facility Management), page 404: Insert the following requirements as the last rows in the table provided in this Section, as Requirement Numbers 6.3.1-047 and 6.3.1-048:

<b>Requirement Number</b>	<b>Requirement</b>	<b>Type</b>
6.3.1-047	The Facility Management Screen shall allow authorized Users to reset Toll Collector PINs to a known default.	Functional
6.3.1-048	The System shall require Toll Collectors to change their PIN upon their next logon to the Deposit Workstation when the PIN has been reset to the known default.	Functional

- g. Section 6.3.3.1 (Logon Sequence), page 412: Insert the following requirement as the last row in the table provided in this Section, as Requirement Number 6.3.3.1-028:

<b>Requirement Number</b>	<b>Requirement</b>	<b>Type</b>
6.3.3.1-028	The FTH shall provide for local Toll Collector authentication when the FTH is off-line with elements of the System outside the Facility.	Functional

- h. Section 8.1 (Security Access and Controls), Requirement Number 8.1-020, page 461: Replace the “Requirement” text in its entirety with the following:

The Contractor shall install and configure Authority provided anti-virus software on all Workstations, FTHs and CTHs and shall configure them to automatically retrieve anti-virus engine/definition file updates via the Authority’s remote distribution tools.

- i. Section 8.1 (Security Access and Controls), page 461: Insert the following requirement as the last row in the table provided in this Section, as Requirement Number 8.1-027:

Requirement Number	Requirement	Type
8.1-027	The Contractor shall install and configure Authority provided configuration monitoring tools (e.g., System Center Configuration Manager, patching agents, security agents, etc.) on all Windows workstations, FTHs and CTHs and shall configure them to interface with the Authority’s centralized configuration monitoring system. The details of the configuration monitoring tools shall be developed during the Design Phase of the project.	Functional

- 4. Book 2, Attachment C, TP-01, Exhibit 6 (Standards and Guidelines for Port Authority Technology), pages 1227 through 1237:

- a. Replace Section 3.2.5.1, page 1227 (Account Creation) in its entirety with the following:

User accounts shall be created and managed in the Authority’s Windows Active Directory Domain Services for Windows network resources. Toll Collector user access on Lane Controllers and Deposit Workstations shall be controlled at the RTCS application level.

- b. Section 3.2.7 (Hardware Standards), page 1228: The list of Agency standard “Mobile Devices” hardware is replaced in its entirety with the following:

Apple iPhone, iPad and Microsoft Surface Pro 3 laptops.

- c. Section 3.2.7 (Hardware Standards), page 1229: The list of Agency standard “Servers” hardware is replaced in its entirety with the following:

IBM

- d. Replace the Note at the end of Section 3.2.7 (Hardware Standards), page 1229 in its entirety with the following:

\* Note: To maintain optimal operating efficiency of the computing environment a standard “refresh” age has been adopted. The agency standard refresh age is no greater than 5 years.

- e. Section 3.2.7.1 (Standard Servers ), page 1229: The list of “Virtual Clusters” is replaced in its entirety with the following:

IBM as stated above

- f. Replace Section 4, page 1232 (Virus Scanning & Management), including all its subsections, in its entirety with the following:

## **4 Virus Scanning & Patch Management**

### **4.1 Virus Scanning & Management**

#### **4.1.1 Overview**

This section describes the standards and guidelines for the prevention, detection and removal of computer viruses, (malware). Its purpose is to minimize the risk and negative impact of computer virus infections in the work environment by establishing clearly defined roles, responsibilities and procedures for the effective management of computer viruses.

#### **4.1.2 Standards**

Standard virus protection software shall be installed on all network servers and workstations, and updated on a regular basis. The Authority currently uses McAfee ePolicy Orchestrator (ePO) v4.5 to monitor, manage and maintain the virus definition (DAT files) of the Agency desktop computing platform. The McAfee ePO Management Agent (v4.6), and VirusScan / AntiSpyware Enterprise (v4.8), are part of the standard desktop core image.

#### **4.1.3 Acquisition and Installation**

The Contractor shall install and maintain Authority provided current versions of standard virus protection software and virus detection files (DATs), including configuration-specific instructions for downloading and installing the software on network servers and workstations. The software shall be configured to automatically receive DAT file updates via the Authority's remote distribution tools.

#### **4.1.4 Virus Detection and Response**

The Contractor shall be responsible for responding to all virus outbreaks related to the System, as well as eradicating them and, where possible, preventing them.

The speedy reporting of all computer viruses is essential for the protection of the information stored on Authority LANs. Much of that information is important to the safety of the public, as well as the day-to-day business of the Authority.

If the anti-virus software has detected a virus and cleaned it, no further action is required on the end user's part. If the virus is not cleaned, or the end-user suspects that a virus still exists, the end-user should immediately contact the Contractor, and they shall work to remove the virus.

The Contractor shall respond quickly to all such alerts by doing the following:

##### **Assess the risk**

- Confirm the existence of a virus.

- Take appropriate measures to quarantine the virus so that it does not infect other System or Authority devices.

#### **Notify Appropriate Parties**

- Contact the originating party who introduced the virus to the Authority.
- If it is a new virus, contact our antivirus vendor, McAfee, for further assistance.

#### **Remove the virus**

- Work with appropriate parties until the virus is removed.

In addition, the Contractor shall report on all such outbreaks on a monthly basis. The report shall include:

- Support Ticket Number
- User Name
- Virus Name
- Information which was lost, (if any)
- Time to correct the problem, (lost staff time)
- Virus Origin, (if this can be determined; Diskette, CD, Internet)

## **4.2 Operating System / Application Patching and Management**

### **4.2.1 Overview**

This section describes the standards and guidelines for installing timely patches. Its purpose is to minimize the risk and negative impact of vulnerability at the work environment by establishing clearly defined roles, responsibilities and procedures for the effective management of patching.

### **4.2.2 Standards**

Standard patch software shall be installed on all network servers and workstations, and updated on a regular basis. The Authority currently uses an industry standard "patching" solution to monitor, manage and report vulnerabilities of the Agency desktop and server computing platforms. This patching solution is part of standard desktop and server core images.

### **4.2.3 Acquisition and Installation**

The Contractor shall install and maintain Authority provided current versions of patching software including configuration-specific instructions for downloading and installing the software on network servers and workstations.

### **4.2.4 Patching and Response**

The Contractor shall be responsible for installing all patches related to the System.

The speedy installation of all computer patches is essential for the protection of the information stored on Authority LANs. Much of that information is important to the safety of the public, as well as the day-to-day business of the Authority.

The Contractor shall respond quickly to install all patches by doing the following:

**Assess the risk**

- Confirm the existence of a patch.
- Notify The Authority
- Work with the Authority to install the patch

In addition, the Contractor shall report on all patches on a monthly basis or as needed. The report shall include:

- Support Ticket Number
- User Name
- Patch name
- Time and date to install the patch

- g. Insert the following as a new paragraph after the last paragraph of Section 6.4, page 1237 (Workstation Security):

Workstations and their installed software (OS, Applications, etc.) are monitored using Microsoft System Center Configuration Manager (SCCM), anti-virus agents, OS patching agents and other security agents as provided by the Authority.

- h. Replace Section 7.2, page 1237 (Microsoft Windows Servers) in its entirety with the following:

The standard for general-purpose application servers and File and Print Computing is IBM servers. Microsoft Windows 2008 and 2012 Server (Enterprise) are supported Operating Systems for application servers.

The Authority uses Windows Active directory to manage network resources and user access. Authority departments are designated as organizational units (OU) and servers are network objects contained within the OU.

Windows servers and their installed software (OS, Applications, etc.) are monitored using Microsoft System Center Configuration Manager (SCCM), anti-virus agents, OS patching agents and other security agents as provided by the Authority.

- i. Replace the first paragraph of Section 7.2.1, page 1237 (Virtual Environment) in its entirety with the following:

The standard for Virtualization Computing is IBM host servers. The Contractor shall provide a VMware ESX-based Guest Virtual Machine (VM) to operate all Contractor- provided applications software on one of the above host computing platforms depending on the critical nature of the application.

- j. Replace Section 7.4, page 1238 (z/OS) in its entirety, including subsections 7.4.1 and 7.4.2 with the following:

## **7.4 Databases**

Oracle 10.2.0.5 or higher and MS/SQL 2008 Server or higher are the supported database platforms for Authority systems. Auditing trail enabled for all database accounts with administrator privileges.

### **7.4.1 Geospatial Databases**

This GIS environment is built on an ESRI platform using ArcSDE for the spatial database. ArcGIS Server 10 and ArcSDE Version 10 are the supported platforms for the current GIS environment.

- 5. Book 2, Attachment C, TP-01, Exhibit 7 – NYCSC ICD, Section 7.2 (File Layout), Agency Reconciliation File – Detail Structure Table, page 1279, Field Name: “AG\_RECON\_TYPE”:
  - a. Insert the following after the end of the last paragraph of Values “POSTED”:  
  
Note that, in certain cases such as disputes or CSC corrections, Transactions reconciled as POSTED could revert back to INTERIM status.
  - b. Insert the following after the end of the last paragraph of Values “INTERIM”:  
  
Also used to reverse a final status of POSTED or PAID when combined with an AG\_RECON\_CODE value of “REVERSAL”.
- 6. Book 2, Attachment L, Basic Contract Drawings:
  - a. Sheet C101, Page 1558, replace this drawing in its entirety with the drawing labeled C101 in the file provided via hyperlink in Informational Purposes Only #2
  - b. Sheet MT009, Page 1628, replace this drawing in its entirety with the drawing labeled MT009 in the file provided via hyperlink in Informational Purposes Only #2
  - c. Insert the following drawings subsequent to Sheet MT109, page 1637: MT110, MT111, MT 112, MT113, MT114, and MT115. These drawings can be obtained via the hyperlink provided in Informational Purposes # 2
- 7. Book 3, Attachment A, System Maintenance Requirements:
  - a. Section 5.3.1 (General System Administration Functions), Page 45: Replace the tenth paragraph of the Section as follows:  
  
The Contractor shall employ a proactive process to ensure that all operating system and third-party software utilized by the System is maintained at fully supported versions from their original manufacturers for the duration of the Contract as documented in the

Maintenance Plan and the System Administration Manual. This process shall include application of all patches and software updates (collectively referred to as patches) identified by the Contractor or the Authority as necessary to maintain the required levels of security and functionality and immediate notification of the Director whenever an update or patch is released by the manufacturer. This process shall also include all System application software testing and updates to ensure continued operations with the latest patches and releases of operating system and third-party applications.

- b. Section 5.3.1 (General System Administration Functions), Page 45: Replace the eleventh paragraph of the Section as follows:

The Contractor shall document its patch management procedures, which shall include testing, acceptance, and distribution. The documentation shall also include emergency patch procedures.

The Contractor shall utilize the Authority's centralized patching server to identify system/application vulnerabilities.

- c. Section 5.3.1 (General System Administration Functions), Page 45: Replace the twelfth paragraph of the Section as follows:

Routine patches shall be scheduled and performed on a monthly basis. A specific timetable/schedule of patches for the month shall be documented and provided to the Director. Emergency patches, as deemed by the Director, shall be tested and installed (per the documented emergency patch procedures) on an expedited basis based upon the criticality of the patch and in accordance with Authority guidelines which may fall outside of the normal monthly cycle. The expedited schedule for emergency patches related to cyber threat alerts should be as indicated below:

- Critical – Resolution by the Contractor within two (2) business days
- Alarm – Resolution by the Contractor within five (5) business days
- Warning – Resolution by the Contractor within seven (7) business days
- Alert – Resolution by the Contractor within ten (10) business days
- Advisory/Informational – Resolution by the Contractor within fifteen (15) business days

These cyber threat alerts and their associated resolution schedules are subject to change as the Authority's security policies and practices evolve.

- d. Section 5.3.9 (Anti-Virus Management), Page 49: Replace the fourth paragraph of the Section as follows:

The Contractor shall utilize the Authority's remote distribution server for anti-virus content and updates. Documentation on the use of remote distribution shall be current and maintained up-to-date.

e. Section 6.1 (Monthly Maintenance Reports), Page 52: Insert the following as the third bullet:

- Details on any System updates or patches scheduled for the upcoming month.

INFORMATIONAL PURPOSES ONLY:

1. [Basic Contract Drawings, Sheets E-201, E-302 & E-602](#): In response to question 13 of Addendum 5, the Authority stated its intention to distribute three drawings (E-201, E-302, E-602), from Book 2, Attachment L, Basic Contract Drawings in .DWG (AutoCAD) file format. Proposers can use the hyperlink in the title of this item #1 to access the drawings.
2. [Book 2, Attachment L, Basic Contract Drawings, Sheets C101, MT009, MT110, MT111, MT 112, MT113, MT114, MT115](#): In conjunction with Changes 1, 2 and 6 above, the aforementioned sheets C101 and MT009 have been revised and sheets MT110, MT111, MT112, MT113, MT114 and MT115 have been added. Proposers can use the hyperlink in the title of this item #2 to access the file that includes the titled sheets.
3. [Book 2, Attachment C, System Technical Parameters, TP-01, Exhibit 14, Requirements Conformance Matrix](#): The Requirements Conformance Matrix provided in Addendum 4 has been updated to reflect Change 3 above. Proposers can use the hyperlink in the title of this item #3 to access the updated document.

QUESTIONS AND ANSWERS:

The following information is made available in response to questions submitted by prospective Proposers to the Port Authority of New York and New Jersey's (the "Port Authority" or the "Authority") RFP for a Multi-Facility Replacement Toll Collection System. It addresses only those questions that the Port Authority has deemed to require additional information and/or clarification. The fact that information has not been supplied with respect to any questions asked by a Proposer does not mean or imply anything (nor should it be deemed to have any meaning, construction or implication) with respect to the terms and provisions of the Request for RFP, which will be construed without reference to such questions.

The Port Authority makes no representations, warranties or guarantees that the information contained herein is accurate, complete or timely or that such information accurately represents the conditions that would be encountered during the performance of the Contract. The furnishing of such information by the Port Authority shall not create or be deemed to create any obligation or liability upon it for any reason whatsoever and each Proposer, by submitting its proposal, expressly agrees that it has not relied upon the foregoing information, and that it shall not hold the Port Authority liable or responsible therefor in any manner whatsoever. Accordingly, nothing contained herein and no representation, statement or promise, of the Port Authority, its Commissioners, officers, agents, representatives, or employees, orally or in writing, shall impair or limit the effect of the warranties of the Proposer required by this RFP and any resulting contract and the Proposer agrees that it shall not hold the Port Authority liable or responsible therefor in any manner whatsoever.

Q#	Book	Section,	Topic or Requirement	Question/Request	Response
1	Book 2	Sec. 102.C.2.a, b, pg. 129	Hours of Operation	This section does not provide adequate time to replace the roadway slab and install roadway embedded equipment and let cure adequately to open to regular traffic. Please advise.	See Change 2 of this Addendum
2	Book 2	Sec. 102.A.1, pg. 126	Hours of Operation	"...Work shall be performed only during restricted hours of Work." A.2 indicates that working only during the two shifts of, 7am to 3pm and 3pm to 11pm, will be allowed, but A.4 states closure of an adjacent lane (which may be needed for activities such as a concrete pour) will be 11pm to 5am. Please clarify what is allowed.	See Change 2 of this Addendum
3	Book 2	Sec. 102.C.2, pg. 131	Hours of Operation –	Bayonne Bridge indicates situations where a full closure will be required and the associated MT drawings are provided for this full closure. Book 2-131 doesn't indicate times where a full closure of the GWB PIP will be allowed yet MT drawings are provided for a full closure with detour to the GWB LL. Is there a circumstance where the Port Authority will allow full closure of the GWB PIP?	In response the question:  1. See Change 2 of this Addendum  2. Refer to Book 2, Clause 102, Hours of Work and Construction Staging, Section A, Hours of Work, Item 6.

This communication should be initialed by you and annexed to your proposal upon submission. In case any Proposer fails to conform to these instructions, its proposal will nevertheless be construed as though this communication had been so physically annexed and initialed.

THE PORT AUTHORITY OF NEW YORK & NEW JERSEY

CARMEN REIN  
GENERAL MANAGER

PROPOSER'S NAME: \_\_\_\_\_

INITIALED: \_\_\_\_\_

DATE: \_\_\_\_\_

QUESTIONS CONCERNING THIS ADDENDUM MAY BE ADDRESSED TO JAMES SUMMERVILLE: [jsummerville@panynj.gov](mailto:jsummerville@panynj.gov), 201-395-3454