

# **THE PORT AUTHORITY OF NY & NJ**

**PROCUREMENT DEPARTMENT  
4 WORLD TRADE CENTER  
150 GREENWICH STREET, 21<sup>ST</sup> FL.  
NEW YORK, NY 10007**

6/9/2016

## **ADDENDUM # 9**

To prospective Proposer(s) on RFP #45551 for Parking Access and Revenue Control System – Design, Installation and Maintenance at John F. Kennedy International Airport, Newark Liberty International Airport, LaGuardia Airport and Stewart International Airport

Due back on 6/17/2016, no later than 2:00PM

Originally due on 6/14/2016, no later than 2:00 PM

Please address all inquiries to Jeanette Anderson @ [jeanette.anderson@panynj.gov](mailto:jeanette.anderson@panynj.gov).

### **I. CHANGES/MODIFICATIONS**

**The following changes/modifications are hereby made to the solicitation documents:**

- Proposal Due Date is extended from June 14, 2016 to June 17, 2016 at 2:00 PM
- Attachment “Y” entitled: “Port Authority of New York and New Jersey Parking Garage Striping Diagrams” dated 5/27/16, page 28 “Red Garage Level 2 is deleted in its entirety and replaced with the attached revised diagram entitled “Red Garage Level 1” attached hereto.
- Attachment E, Functional Specifications, Section W. “Automatic Vehicle Identification (AVI) – E-ZPass Plus and Transponders for Monthly and Employee Parking” is deleted in its entirety and replaced with the revised Section W. “Automatic Vehicle Identification (AVI) – E-ZPass Plus and Transponders for Monthly and Employee Parking” dated 6/6/16 attached hereto.
- Attachment I, “Background of Existing Systems”, section “Details for Lanes to be included in this Request for Proposals” revised 4/22/16 is deleted in its entirety and replaced with the revised, Attachment I section entitled “Details for Lanes” dated 6/6/16
- Delete Attachment C2, “Cost Proposal” dated 5/2/16 in its entirety and replace with the revised Attachment C2, “Cost Proposal” dated 6/6/16. Note: The numbers in Section 1,

“Total Cost for New PARCS Equipment, Including Design and Installation of New System and Removal of Existing System”, for EWR and SWF Entrance and Exit Lanes and Pay on Foot Machines have been updated to reflect Attachment I, section entitled: “Details for Lanes”. Two items (The Overhead E-ZPass Plus Antenna and the E-ZPass Plus Patch Antenna) are removed from Attachment C2, “Cost Proposal” dated 6/6/16, Section 5 “Sample Replacement Equipment Price List for New PARCS”.

## **PROPOSER'S QUESTIONS AND ANSWERS**

The following information is available in response to questions submitted by prospective Proposers. The responses should not be deemed to answer all questions, which have been submitted by Proposers to the Port Authority. It addresses only those questions, which 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 Proposers does not mean or imply, nor should it be deemed to mean or imply, any meaning, construction, or implication with respect to the terms.

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, oral or in writing, shall impair or limit the effect of the warranties of the Proposers required by this Proposal or Contract and the Proposer agrees that it shall not hold the Port Authority liable or responsible therefor in any manner whatsoever.

The Questions and Answers numbering sequence will be continued sequentially in any forthcoming Addenda that may be issued.

	RFP Section	RFP Page	Topic	Question
Question 57	Addendum 5, Attachment "Y" Parking Garage Striping Diagrams	47-48	JFK Terminal 8, Red Garage Plans	No Level 1 drawings are provided. However, 2 drawings for Level 2 are provided (pages 47, 48)  Please provide a drawing of Red Garage Level 1
Response				See Amendment 9, Attachment Y for the inclusion of Level 1, Red Garage.
Question 58	PDF online page 234		Exit Lane Dynamic Displays	The specifications for the Exit Lane Dynamic Displays are quite open. Please provide more details as to what standards these signs need to meet. For example, one would assume traffic grade signs are required? Other industry standards for signs in this application include AASHTO, MUTCD, NTCIP, NEMA, UL, an Ingress Protection (IP) rating, etc.
Response				The Port Authority adheres to Manual on Uniform Traffic Control Devices (MUTCD) standards.

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 NY & NJ

Carmen Rein  
General Manager of Operation  
Procurement Department

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

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

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

QUESTIONS CONCERNING THIS ADDENDUM MAY BE ADDRESSED TO JEANETTE ANDERSON, WHO CAN BE REACHED AT 212-435-4624.

REVISED 6/6/16

**Parking Access and Revenue Control System—  
Design, Installation & Maintenance**

**Attachment C2  
Cost Proposal**

**1. Total Cost for New PARCS Equipment, Including Design and Installation of New System and Removal of Existing System**

*Below costs should include all costs associated with tasks outlined in the Attachment D, Scope of Work Sections 1.a and 1.c.*

Description	Facility	Cost Per Facility
80 - Entrance and Exit Lanes 24- Pay on Foot Machines (12 CC Only – 12 CC & Cash)	JFK	\$ _____
26 - Entrance and Exit Lanes 28 – Pay on Foot Machines (14 CC Only-14 CC & Cash)	LGA	\$ _____
75 - Entrance and Exit Lanes 26 – Pay on Foot Machines (13 CC Only -13 CC & Cash)	EWR	\$ _____
15 - Entrance and Exit Lanes 6 - Pay on Foot Machines (3 CC Only – 3 CC & Cash)	SWF	\$ _____

Total Cost for All New PARCS Equipment includes: design, installation and equipment purchase at airports and decommissioning and removal of existing PARCS listed above:

\$ \_\_\_\_\_

Note: Payments for Equipment and Installation will be made in “Milestones Payments” found in Attachment C section 5 titled “Payment”.

**2. Annual Cost for Preventative and Remedial Maintenance of Existing and New PARCS Equipment**

*Below costs should include all costs associated with tasks outlined in the Attachment D, Scope of Work Sections 1.b and 1.d as well as Section 8, PARCS MAINTENANCE.*

Included in below figures should be:

- Preventative and Remedial Maintenance Labor and Parts for the Existing and New PARCS
- System Updates for the Existing and New PARCS
- All Software Updates for the New PARCS

<b>Facility</b>	<b>Year 1 Price</b>	<b>Year 2 Price</b>	<b>Year 3 Price</b>	<b>Year 4 Price</b>	<b>Year 5 Price</b>	<b>Year 6 Price</b>	<b>Total for Year 1 thru Year 6</b>
JFK							
LGA							
EWR							
SWF							
Grand Total							

Note: Annual price will be paid in 12 monthly payments by each facility.

**3. Fees and Charges**

*Below costs should include any fees and charges that will occur to the Port Authority that are not already included in Sheet 1, Total Cost for New PARCS Equipment, Including Design and Installation of New System and Removal of Existing System and Sheet 2, Annual Cost for Preventative and Remedial Maintenance of Existing and New PARCS Equipment. Blank lines are available for a listing of other fees not yet mentioned that will be charged to the Port Authority.*

		<b>Column A</b>	<b>Column B</b>	<b>Column C= A x B</b>
<b>Title</b>	<b>Summary</b>	<b>Cost</b>	<b>Frequency (On-Going vs one instance)</b>	<b>Estimated Cost for Six Year Base Term of Contract</b>
Integration Fee	Cost to integrate third party systems and software			
Credit Card Payment Processing Fee	Per transaction fee to process credit card payments			
Online Prebooking Processing Fee	Per transaction fee to process online prebooking payments			

**4. Cost per Lane**

*Over the course of this Contract, airport redevelopment activities will necessitate the creation of new entry and exit plazas as well as the placement of additional Pay-on-Foot machines. Proposers shall provide the cost for equipment, including installation costs. The costs shall remain in effect for the initial Base Term of the Contract and will increase by the same percentage as maintenance costs during the three two-year Option Periods, if exercised, per Price Adjustment in Attachment C. Costs should cover the maximum functionality for each item as defined in Attachment D, "Scope of Work" and Attachment E, "Functional Requirements".*

<b>Description</b>	<b>COST FOR JFK</b>	<b>COST FOR LGA</b>	<b>COST FOR EWR</b>	<b>COST FOR SWF</b>
Entry Lane				
Exit Lane				
Pay-on-Foot Machine				
<b>Grand Total</b>				

**5. Sample Replacement Equipment Price List for New PARCS**

*Proposers shall provide the cost for the equipment listed below. The costs shall remain in effect for the initial Base Term of the Contract and will be increased by the same percentage as maintenance costs during the three two-year Options Periods, if exercised, per Price Adjustment in Attachment C1.*

Blank Spaces Provided Below For Additional Replacement Components – to be filled in by Proposers, as necessary. Use additional sheets, as needed.

<b>PARCS Equipment Component</b>	<b>Manufacturer</b>	<b>Unit Price</b>
Ticket Issuing Machine (TIM)		
Cashier Terminal (CT)		
PosiDrive Parking Gate		
Uninterruptable Power Supply (UPS)		
VMS – Fee Display		
\ Credit Card Reader		
Ticket Reader		
LPR Camera		

Backup Tape Drives		
Proximity Card Reader		

**5. Staff Pricing for Work Orders, Extra Work & Net Cost**

UNIT PRICING for STAFF CATEGORIES FOR WORK ORDERS, EXTRA WORK & NET COST DURING CONTRACT YEAR 1			
Personnel Title	Estimated Number of Hours – Only to be used to Compare Proposed Hourly Rates (See Note 1)  A	Hourly Rates (See Note 2)  B	Extended Total  A*B
Project Manager	400	\$	\$
Professional Engineer	100	\$	\$
Electrical Engineer	100	\$	\$
Network Engineer	150	\$	\$
Licensed Electrician	400	\$	\$
Senior Technician	250	\$	\$
Field Technician	1000	\$	\$
Systems Designer/Engineer	400	\$	\$
Computer Programmer/Analyst	1000	\$	\$
Application Specialist	400	\$	\$
Web Application Programmer	50	\$	\$
System Integration Specialist	100	\$	\$
Manufacturer Technician Support	250	\$	\$
Data Base Administrator	200	\$	\$
Data Base Programmer	500	\$	\$
Contract Administrator	100	\$	\$
(See Note 3 Below)			
Extended Labor Total (Sum of Extended Totals for Each Labor Category)			\$

Notes:

- 1) Only hours agreed upon for Work Orders, Extra Work and Net Cost projects will be paid.
- 2) Hourly Rates are not subject to any additional markup or overhead and prevailing wages should be used, where applicable.
- 3) The Contractor shall include/substitute any additional labor categories of staff that may be used in performance of the Contract, and indicate their fixed hourly rates.

**UNIT PRICING for STAFF CATEGORIES FOR WORK ORDERS, EXTRA WORK & NET COST DURING CONTRACT YEAR 2**

Personnel Title	Estimated Number of Hours – Only to be used to Compare Proposed Hourly Rates (See Note 1)  A	Hourly Rates (See Note 2)  B	Extended Total  A*B
Project Manager	400	\$	\$
Professional Engineer	100	\$	\$
Electrical Engineer	100	\$	\$
Network Engineer	150	\$	\$
Licensed Electrician	400	\$	\$
Senior Technician	250	\$	\$
Field Technician	1000	\$	\$
Systems Designer/Engineer	400	\$	\$
Computer Programmer/Analyst	1000	\$	\$
Application Specialist	400	\$	\$
Web Application Programmer	50	\$	\$
System Integration Specialist	100	\$	\$
Manufacturer Technician Support	250	\$	\$
Data Base Administrator	200	\$	\$
Data Base Programmer	500	\$	\$
Contract Administrator	100	\$	\$
(See Note 3)			
Extended Labor Total (Sum of Extended Totals for Each Labor Category)			\$

Notes:

- 1) Only hours agreed upon for Work Orders, Extra Work and Net Cost projects will be paid.
- 2) Hourly Rates are not subject to any additional markup or overhead and prevailing wages should be used, where applicable.
- 3) The Contractor shall include/substitute any additional labor categories of staff that may be used in performance of the Contract, and indicate their fixed hourly rates.

**UNIT PRICING for STAFF CATEGORIES FOR WORK ORDERS, EXTRA WORK & NET COST DURING CONTRACT YEAR 3**

Personnel Title	Estimated Number of Hours – Only to be used to Compare Proposed Hourly Rates (See Note 1)  A	Hourly Rates (See Note 2)  B	Extended Total  A*B
Project Manager	400	\$	\$
Professional Engineer	100	\$	\$
Electrical Engineer	100	\$	\$
Network Engineer	150	\$	\$
Licensed Electrician	400	\$	\$
Senior Technician	250	\$	\$
Field Technician	1000	\$	\$
Systems Designer/Engineer	400	\$	\$
Computer Programmer/Analyst	1000	\$	\$
Application Specialist	400	\$	\$
Web Application Programmer	50	\$	\$
System Integration Specialist	100	\$	\$
Manufacturer Technician Support	250	\$	\$
Data Base Administrator	200	\$	\$
Data Base Programmer	500	\$	\$
Contract Administrator	100	\$	\$
(See Note 3)			
Extended Labor Total (Sum of Extended Totals for Each Labor Category)			\$

Notes:

- 1) Only hours agreed upon for Work Orders, Extra Work and Net Cost projects will be paid.
- 2) Hourly Rates are not subject to any additional markup or overhead and prevailing wages should be used, where applicable.
- 3) The Contractor shall include/substitute any additional labor categories of staff that may be used in performance of the Contract, and indicate their fixed hourly rates.

**UNIT PRICING for STAFF CATEGORIES FOR WORK ORDERS, EXTRA WORK & NET COST DURING CONTRACT YEAR 4**

Personnel Title	Estimated Number of Hours – Only to be used to Compare Proposed Hourly Rates (See Note 1)  A	Hourly Rates (See Note 2)  B	Extended Total  A*B
Project Manager	400	\$	\$
Professional Engineer	100	\$	\$
Electrical Engineer	100	\$	\$
Network Engineer	150	\$	\$
Licensed Electrician	400	\$	\$
Senior Technician	250	\$	\$
Field Technician	1000	\$	\$
Systems Designer/Engineer	400	\$	\$
Computer Programmer/Analyst	1000	\$	\$
Application Specialist	400	\$	\$
Web Application Programmer	50	\$	\$
System Integration Specialist	100	\$	\$
Manufacturer Technician Support	250	\$	\$
Data Base Administrator	200	\$	\$
Data Base Programmer	500	\$	\$
Contract Administrator	100	\$	\$
(See Note 3)			
Extended Labor Total (Sum of Extended Totals for Each Labor Category)			\$

Notes:

- 1) Only hours agreed upon for Work Orders, Extra Work and Net Cost projects will be paid.
- 2) Hourly Rates are not subject to any additional markup or overhead and prevailing wages should be used, where applicable.
- 3) The Contractor shall include/substitute any additional labor categories of staff that may be used in performance of the Contract, and indicate their fixed hourly rates.

**UNIT PRICING for STAFF CATEGORIES FOR WORK ORDERS, EXTRA WORK & NET COST DURING CONTRACT YEAR 5**

Personnel Title	Estimated Number of Hours – Only to be used to Compare Proposed Hourly Rates (See Note 1)  A	Hourly Rates (See Note 2)  B	Extended Total  A*B
Project Manager	400	\$	\$
Professional Engineer	100	\$	\$
Electrical Engineer	100	\$	\$
Network Engineer	150	\$	\$
Licensed Electrician	400	\$	\$
Senior Technician	250	\$	\$
Field Technician	1000	\$	\$
Systems Designer/Engineer	400	\$	\$
Computer Programmer/Analyst	1000	\$	\$
Application Specialist	400	\$	\$
Web Application Programmer	50	\$	\$
System Integration Specialist	100	\$	\$
Manufacturer Technician Support	250	\$	\$
Data Base Administrator	200	\$	\$
Data Base Programmer	500	\$	\$
Contract Administrator	100	\$	\$
(See Note 3)			
Extended Labor Total (Sum of Extended Totals for Each Labor Category)			\$

Notes:

- 1) Only hours agreed upon for Work Orders, Extra Work and Net Cost projects will be paid.
- 2) Hourly Rates are not subject to any additional markup or overhead and prevailing wages should be used, where applicable.
- 3) The Contractor shall include/substitute any additional labor categories of staff that may be used in performance of the Contract, and indicate their fixed hourly rates.

**UNIT PRICING for STAFF CATEGORIES FOR WORK ORDERS, EXTRA WORK & NET COST DURING CONTRACT YEAR 6**

Personnel Title	Estimated Number of Hours – Only to be used to Compare Proposed Hourly Rates (See Note 1)  A	Hourly Rates (See Note 2)  B	Extended Total  A*B
Project Manager	400	\$	\$
Professional Engineer	100	\$	\$
Electrical Engineer	100	\$	\$
Network Engineer	150	\$	\$
Licensed Electrician	400	\$	\$
Senior Technician	250	\$	\$
Field Technician	1000	\$	\$
Systems Designer/Engineer	400	\$	\$
Computer Programmer/Analyst	1000	\$	\$
Application Specialist	400	\$	\$
Web Application Programmer	50	\$	\$
System Integration Specialist	100	\$	\$
Manufacturer Technician Support	250	\$	\$
Data Base Administrator	200	\$	\$
Data Base Programmer	500	\$	\$
Contract Administrator	100	\$	\$
(See Note 3)			
Extended Labor Total (Sum of Extended Totals for Each Labor Category)			\$

Notes:

- 1) Only hours agreed upon for Work Orders, Extra Work and Net Cost projects will be paid.
- 2) Hourly Rates are not subject to any additional markup or overhead and prevailing wages should be used, where applicable.
- 3) The Contractor shall include/substitute any additional labor categories of staff that may be used in performance of the Contract, and indicate their fixed hourly rates.

**6. Parking Space Count System Design and Installation Price Sheet**

*(The Port Authority may decide not to purchase a PSCS. The below price sheet is for information only. At Contract signing the Port Authority shall exercise the option to design and install a PSCS at the below listed prices.)*

See Attachment E Parking Access and Revenue Control System Functional Specifications  
(Section 1.05 Subparagraph 10.I Parking Space Count System PSCS)

Facility	Garage	Number of Spaces Per Level	Price per Garage (Space by Space)	Price per Garage (Row by Row)	Price per Garage (Level Counting)	
JFK	Terminals 1 & 2- Green Garage (4 Levels)	Level 1-	273			
		Level 2 –	343			
		Level 3 –	322			
		Level 4-	340			
		Total-	1,278	\$ _____	\$ _____	\$ _____
	Terminal 4 - Blue Garage (5 Levels)	Level 1-	183			
		Levels 2,3,4-	258			
		Level 5-	253			
		Total-	1,210	\$ _____	\$ _____	\$ _____
	Terminal 5- Yellow Garage (6 Levels)	Level 1-	123			
		Levels 2,3,4-	240			
		Level 5-	230			
		Level 6-	241			
		Total -	1,314	\$ _____	\$ _____	\$ _____
	Terminal 7- Orange Garage (2 Levels)	Level 1 -	278			
		Level 2-	413			
		Total-	691	\$ _____	\$ _____	\$ _____
	Terminal 8 -Red Garage (5 Levels)	Red Level 1-	273			
		Red Level 2-	347			
		Red Level 3-	349			
Red Level 4-		356				
Red Level 5-		358				
Total -		1,683	\$ _____	\$ _____	\$ _____	

Facility	Garage	Number of Spaces Per Level	Price per Garage (Space by Space)	Price per Garage (Row by Row)	Price per Garage (Level Counting)	
EWR	Parking Lot 4 Garage (6 Levels)	Level 1 –	260			
		Level 2 -	541			
		Level 3 -	553			
		Level 4 -	553			
		Level 5 -	553			
		Level 6-	560			
		Total-	3,020	\$_____	\$_____	\$_____
	Terminal C- Garage (3 Levels)	Level 1-	629			
		Level 2-	801			
		Level 3-	911			
Level 4-		928				
	Total-	3269	\$_____	\$_____	\$_____	
LGA	P4 Parking Garage (6 Levels)	Level 1 –	122			
		Level 2 –	199			
		Level 3 -	200			
		Level 4-	200			
		Level 5-	193			
		Level 6-	150			
		Total-	1,120	\$_____	\$_____	\$_____
	West Garage (7 Levels) (under construction)	Level 1—	244			
		Level 2—	485			
		Level 3—	471			
		Level 4—	486			
		Level 5—	471			
		Level 6—	486			
		Level 7—	486			
	Total—	3,129	\$_____	\$_____	\$_____	
	Total Cost Per Airport	JFK	\$_____	\$_____	\$_____	
		EWR	\$_____	\$_____	\$_____	

		LGA	\$ _____	\$ _____	\$ _____
		Total Cost All Facilities (JFK,EWR,LGA)	\$ _____	\$ _____	\$ _____

## Details for Lanes

Stewart International Airport				POF column	
Lot	# Exit Lanes	# Entry Lanes	Bus Only Entrance/Exit Lanes	#	Location
P1	1	2	0	3	Baggage Claim/Frontage
P2	5	2	0	0	None
P4	1	1	2	0	None
Rental Car Lot	1	1	0	0	None
<b>Total</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>3</b>	

Attachment I, Background of Existing System

Newark Liberty International Airport					POF column	
Lot	# Exit Lanes	# Entry Lanes	Bus Only Exit Lanes	Bus Only Entrance Lanes	#	Location
Terminal A	0	3	0	0	3	first level
Terminal A-B	0	3	0	0	0	None
Terminal B	0	3	0	0	2	2
Terminal C Garage	0	5	0	0	4	first level
P-1 – P-3	4	2	1	0	2	2 in Airtrain stations
P-4 Garage	7	5	0	0	2	2
P-4 Garage Prox System	3	3	0	0	0	
P-6	3	2	1	1	0	None
Employee Lot F	4	3	0	0	0	None
Mini-Plaza 1	4	0	0	0	0	None
Mini-Plaza 2	4	0	0	0	0	None
Mini-Plaza 3	4	0	0	0	0	None
Central Exit Plaza	10	0	0	0	0	None
<b>Total</b>	<b>43</b>	<b>29</b>	<b>2</b>	<b>1</b>	<b>13</b>	

Attachment I, Background of Existing System

LaGuardia Airport					POF column	
Lot	# Exit Lanes	# Entry Lanes	# Bus Only Exit Lanes	# Bus Only Entrance Lanes	#	Location
West Garage (under construction)	7	3	0	0	2	TBD
P-4	5	2	0	0	4	
P-5	3	2	0	0	2	Walkway to the Terminal
P-6	1	1	0	0		None
P-7	1	1	0	0		None
<b>Total</b>	<b>17</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>14</b>	

Attachment I, Background of Existing System

<b>JFK International Airport</b>					<b>POF column</b>	
<b>Lot</b>	<b># Exit Lanes</b>	<b># Entry Lanes</b>	<b>Bus Only Exit Lanes</b>	<b>Bus Only Entrance Lanes</b>	<b>#</b>	<b>Location</b>
Lot 1 (Green)	7	6	0	0	2	First Level
Lot 2 (Blue)	9	8	0	0	2	First Level
Lot 3 (Red)	10	4	0	0	2	First Level
Lot 4 (Yellow)	8	3	0	0	4	First Level
Lot 5 (Orange)	4	6	0	0	2	Inside AirTrain Station
Employee Lot 8	2	2	0	0	0	None
Lot 9	5	5	1	0	0	None
<b>Total</b>	<b>45</b>	<b>34</b>	<b>1</b>	<b>0</b>	<b>12</b>	

<b>All Airports</b>					
<b>Airport</b>	<b># Exit Lanes</b>	<b># Entry Lanes</b>	<b>Bus Only Exit Lanes</b>	<b>Bus Only Entrance Lanes</b>	<b>POF</b>
Newark	43	26	2	1	26
LaGuardia	17	9	0	0	28
JFK	45	34	1	0	24
Stewart	8	6	1	1	6
<b>Total</b>	<b>113</b>	<b>76</b>	<b>4</b>	<b>2</b>	<b>84</b>

Attachment I, Background of Existing System

<b>POFs to be included in this contract</b>	
<b>EWR</b>	<b>Total # of POF</b>
13 Credit Card Only	<b>26</b>
13 Credit Card & Cash	

<b>JFK</b>	<b>Total # of POF</b>
12 Credit Card Only	<b>24</b>
12 Credit Card & Cash	

<b>LGA</b>	<b>Total # of POF</b>
14 Credit Card Only	<b>28</b>
14 Credit Card & Cash	

<b>SWF</b>	<b>Total # of POF</b>
3 Credit Card Only	<b>6</b>
3 Credit Card & Cash	

W. Automatic Vehicle Identification (AVI) - *E-ZPass® Plus™* and Transponders for Monthly and Employee parking.

- I. The functionality to be provided by the *E-ZPass® Plus™* AVI system shall be primarily for accepting *E-ZPass® Plus™* payments from patrons. In addition it is used as an access control system for Port Authority maintenance vehicles, employees and contractors, certain VIP (Port Authority specified) users, and if selected may be used for select Customer Loyalty Parking Program users to enter and exit the facilities without the requirement for issuing a ticket on entry or reading ticket on exit. The integration shall conform to the Airport Central Host Requirements (see Attachments T and U).
- II. The Contractor shall provide a turnkey end-to-end solution that includes the at a minimum, all functionality as currently exists with the following components and services.
- III. RFID Transponders
  - a. The RFID Transponder system functionality shall allow for vehicles using a valid RFID transponder to enter or exit through all lanes, equipped with appropriate readers, without the requirement to issue a parking ticket at the entry lane or present a parking ticket at the exit lane.
  - b. Integration to the PARCS for customer billing through the Port Authority SAP system for non-public (VIP) and employee parkers. The integration shall conform to the SAP Billing Design Spec v10a and the FDS PANYNJ Parking-Five Star v51 specifications referenced in Attachment T of this RFP.
  - c. Standardized data transfer processes for integration with the Port Authority's SAP software for monthly parker billing purposes. The system shall provide a text file of all employees marked for billing to the PA's Revenue Control SAP program for billing purposes. The specifications for that file shall be provided upon award.
  - d. The Contractor must submit, at the time of proposal details for the following:
    - 1) Approach for Installation and commissioning services
    - 2) Mechanism for both Tag and Transaction processing
    - 3) Standard and custom Report generation
    - 4) Selected vendor shall install, integrate, implement, and test the system to ensure components and software performs as required and as designed.
    - 5) Contractor shall provide FCC licensing for all AVI equipment at the time of installation.

- e. The AVI Transponder system shall be installed separately from an *E-ZPass®Plus™* system and use transponders that are not based on the *E-ZPass®Plus™* standard.
- IV. RFID Transponders
- a. The Contractor shall provide detailed costs for transponders of the eGo long life battery standard based on volumes
  - b. Transponders shall be of two varieties: Short range for vehicles and long range for buses.
- V. Desktop Reader/Programmer
- The Contractor shall provide two (2) desktop reader/writer/programmers with the initial transponder delivery. The desktop reader/programmer shall be provided with all necessary software and hardware to operate the unit using a standard personal computer running Windows.
- VI. Lane System
- Each lane system shall operate a stand-alone mode if communications to the Host computer are lost. The equipment in the lane shall be able to store and hold twenty-eight (28) days of transactions, which shall be uploaded to the Host when communications are restored. Additionally, all transactions from the lane are to be transmitted to all other lane/POF equipment associate with the lot.
- Each lane system shall maintain a local clock, which shall be synchronized to the Host computer on an hourly basis as a minimum.
- Adjustments to the system clock shall not cause errors in the database or system reports.
- VII. Software Application
- a. The Account management system shall be fully integrated into the parking system in order to provide a seamless access/control system that is fully auditable and provides integrated reports for the parking system as a whole. At a minimum the system shall include all functionality as identified in the current AMS plus any additional requirements created by optional functions listed.
  - b. The system shall include fully a functional administrative and reporting system that provides the following minimum functions:
    - 1) Account administration such as:
      - i. Open accounts
      - ii. Close accounts
      - iii. Modify accounts
      - iv. Automatic renewal capability if so marked.
      - v. Acceptance of import files and ability to export files in predetermined formats

- 2) System shall require the following information, at a minimum, to be entered and maintained:
  - i. Company name, number, contact information
  - ii. Patron name
  - iii. Patron's address
  - iv. Email address
  - v. Vehicle identification
    - a) Make
    - b) Model
    - c) License plate number
  - vi. Transponder numbers (RFID and/or *E-ZPass® Plus™*)
  - vii. Patron PIN number (if allowed) and *E-ZPass® Plus™* tag number (if used), dates activated, suspended, re-activated
  - viii. Multiple tags and plates to individuals in an account
  - ix. Billing indicators – Is this company, patron to be billed
    - a) Billing rate indicators to be used.
    - b) SAP - AR account number
    - c) Unique company account number and name
    - d) Taxing Authority information: NY, NJ or No tax

VIII. Report preparation and printing

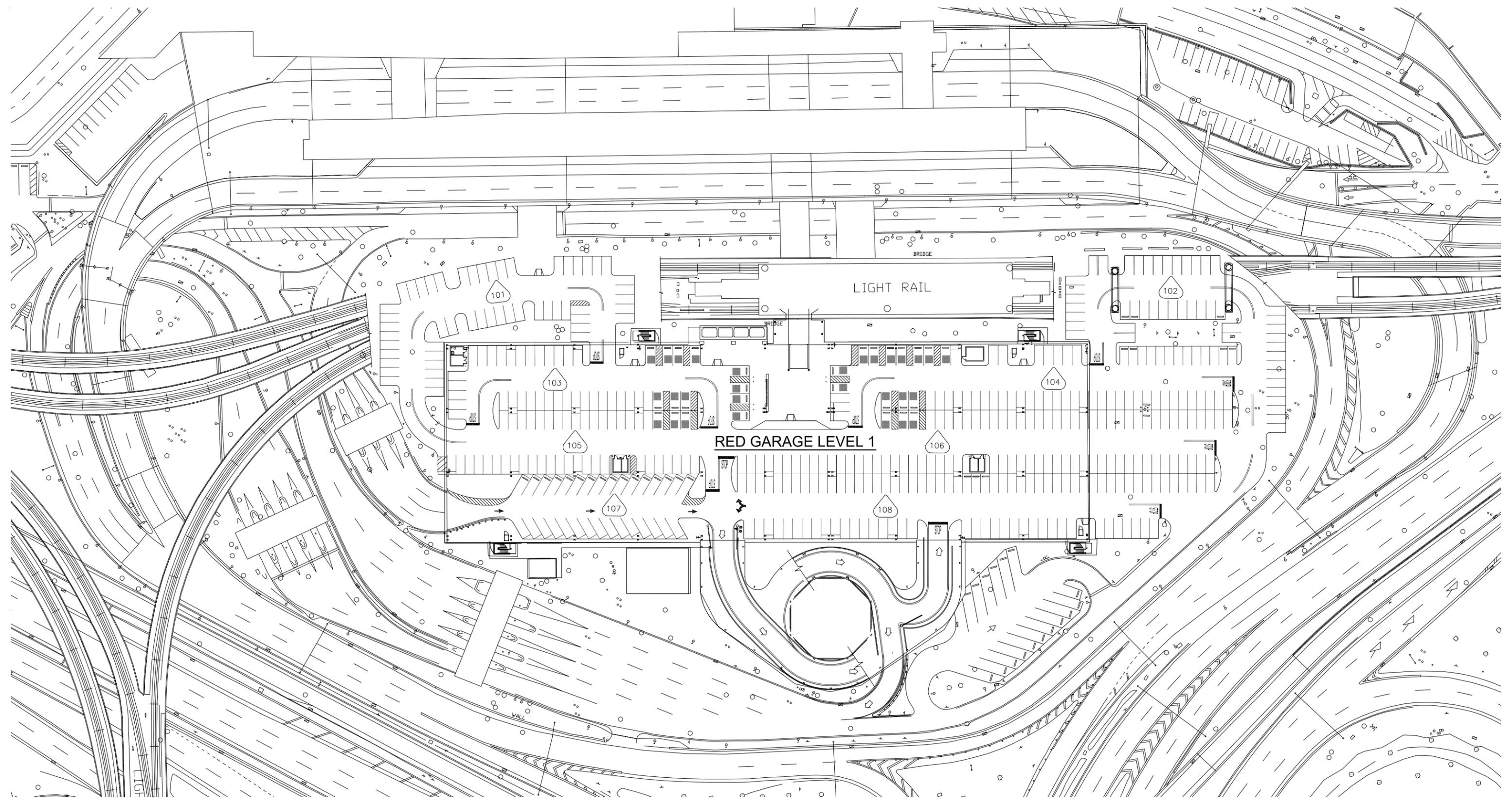
A complete set of reports is required for tracking the usage of transponders in AMS. Critical reports include monthly usage, monthly billing, listing of all tags in the system per AR account and per Customer account, anti-passback violations, overlapping occupancy for a patron account with multiple vehicles associated to a tag. Other reports in the current system are listed in Attachment I.

The billing report shall match the billing file sent to the SAP system. However, it may also include accounts that are not billed and would not be in the file.

IX. AVI Audit controls

- a. The Account management system shall provide full accounting functions including account generation, tracking, invoicing, and account payment collection. Actual invoicing is done through the Authority's SAP system. The Account management system shall be able to prepare records for transmission to that system and include the account numbers required for the SAP system as well as the account number in the system.
- b. The system shall control transponders that allow universal access to one, multiple, or all facilities depending on parameters that are input.
- c. The Port Authority shall issue and register RFID transponders. *E-ZPass® Plus™* transponders are issued by the various Inter Agency Groups. The Port Authority shall create user groups or categories of AVI transponders.
- d. Authorized staff shall manage AVI privileges and access rules in accordance with the security standards for the PARCS. The AVI access system shall provide for expiration of account / AVI transponder for

- unpaid fees and expirations; also, for lost tags (payments), and if selected imposition of late fees at user-programmable intervals.
- e. The system shall report the occupancy of AVI patrons in each facility, in real-time.
  - f. All user group parameters and rules shall be accessible and changeable by Authorized personnel at the Port Authority via a GUI accessible on any of the PARCS workstations provided with the system. Software code changes shall not be required to edit user group parameters and rules.
  - g. User groups and individuals within the user groups shall each assign access privileges based upon facility, date, day of week, time of day, length of stay or any combination thereof. For example, it shall be possible to set an employee's access privileges to allow access to the Employee Parking Lot valid only Monday – Friday from 8:00 AM – 5:00 PM or to provide for N hours parking before a fee shall be imposed based on specific rate tables. It shall also be possible to modify user groups or individual accounts to be exempt from anti-passback rules.
- X. Transponder Inventory Management System
- a. The Account management system shall provide a transponder inventory management sub-system that shall include the following information, at a minimum:
    - 1) Total number of transponders in inventory
    - 2) Active transponders and assignee
    - 3) Transponders in storage
    - 4) Lost, stolen, or invalid transponders
  - b. Authorized users shall maintain the inventory to update the status and quantity of transponders, add or delete transponders, and make other adjustments to the inventory as may be necessary.
  - c. Full inventory reporting shall be provided to include counts by different transponder types, numbers of failures, mean time between failures and costs.



LIGHT RAIL

RED GARAGE LEVEL 1

101

102

103

104

105

106

107

108

BRIDGE

BRIDGE

WALL

LIGHT