

THE PORT AUTHORITY OF NY & NJ

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

6/8/2016

ADDENDUM # 5

To prospective Bidder(s) on Bid # 45808 for Maintenance, Repair, and Modification of Intelligent Transportation System (ITS) at LaGuardia Airport (LGA)

Due back on 6/16/2016, no later than 11:00AM

I. CHANGES/MODIFICATIONS

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

- A.** In Part V, Section 1 entitled Specific Definitions after letter 'k' add the following:
 - 1. "Night Work Hours" means Monday through Friday, 11pm to 6am., excluding holidays.
- B.** In Addendum #2, Part I – CHANGES/MODIFICATIONS, delete paragraph D. in its entirety and replace it with the following:

Any materials, parts, or components required for Repair Services shall be compensated in accordance with Section IV of the Pricing Sheets, entitled "Compensation for Materials, Parts and Components". Labor required for Repair Services shall be compensated in accordance with Section C of the Pricing Sheets, entitled "Repair Services". Repair Services shall include the hourly rate of two (2) Technicians and the required vehicles as specified in Section 8 entitled "Personnel Requirements" and Section 13 entitled "Contractor's Vehicle Requirements" herein, with the exception of MOT which shall be applied on an as-needed basis and compensated in accordance with the unit prices under Section D entitled "Maintenance of Traffic for Repair Services and Emergency Services" on the Pricing Sheets. Repairs will be measured and paid for each hour the Contractor staff (and required vehicle) is on the site for the Repair Service at the Contractor's price in Section C of the Pricing Sheet.
- C.** In Part V, page 4, subsection A) Preventative Maintenance and Certification for ITS Field Equipment, delete the third paragraph in its entirety and replace it with:

An annual controlled shutdown and power down of all central VMS equipment, cleaning of all monitors and keyboards, restoration of power to all equipment, running manufacturers' diagnostics to ensure the ITS systems, and their components are operating within manufacturers' specifications; verify existence of a recent backup of software and database, and if none available, contact the Manager to perform a backup, verify adequate empty disk space available for program usage (i.e., temporary files, logs, etc.) and verify log files are saved to removable media and log

files are purged on a regular basis and review reports on communications throughput and errors and perform communications diagnostics on each communications channel to identify equipment or cabling problems. Review reports and error logs on the operation of all ITS system equipment in the system and run diagnostics on those VMS, PVMS, TTS, and MVDS systems which have reported problems. Correct all System malfunctions, restoring the equipment in accordance with the manufacturers' stated specification, performance and tolerances.

- D. In Part V, page 5, delete the second paragraph in its entirety.
- E. In Part V, page 5, delete the fourth paragraph in its entirety and replace it with:
Scheduled Preventative Maintenance and Certification shall be performed between the hours of 7:00 AM and 3:00 PM, Monday through Friday, excluding holidays, as directed by the Manager. If availability for Normal Work Hours is not attainable, after concurrence with the Manager, night work may be scheduled with Manager concurrence. The Contractor's cost for required MOT work shall be included in the unit prices of Section A of the pricing sheets titled "Preventive Maintenance and Certification for ITS Field Equipment".
- F. In Part V, page 6, delete the first full paragraph in its entirety and replace it with:
For Items B1 through B3 listed in Section B of the Pricing Sheets, furnish and install the VMS model indicated in the item name. These are parts for Daktronics model VMS deployed at LGA.
- G. In Part V, page 6, delete the second full paragraph in its entirety and replace it with:
The Contractor shall submit shop drawings and catalog cuts on all material furnished and installed under Items B1 through B3 of the Pricing Sheets unless otherwise directed by the Manager.
- H. In Part V, page 6, delete the third full paragraph in its entirety and replace it with:
Scheduled work shall be performed during Normal Work Hours, as directed by the Manager. If availability for Normal Work Hours is not attainable, after concurrence with the Manager, night work may be scheduled with Manager concurrence.
- I. In Part IV, delete pages 5 through 12 in its entirety and replace it with the attached revised pricing sheets with revision date 6/7/2016.

II. BIDDER'S QUESTIONS AND ANSWERS

The following information is available in response to questions submitted by prospective Bidders. The responses should not be deemed to answer all questions, which have been submitted by Bidders 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 Bidders 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 Bidder, by submitting its Bid, 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 Bidder required by this Bid or Contract and the Bidder 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.

<i>Question #7</i>	Sections 3.C and 3.E. of Part V of the contract indicate pricing for these sections should include vehicles as specified in Sections 7 and 12. No specifics related to vehicles could be located in these sections. Please clarify the vehicle requirements for the repair and emergency call-in service components (including quantity and type of vehicles required).
<i>Answer # 7</i>	Please see changes and modification B
<i>Question #8</i>	How often do the controlled equipment shutdowns and power downs specified in Part V, Section 3.A. required to be performed?
<i>Answer #8</i>	Please see changes and modification C
<i>Question #9</i>	Are there any working hour restrictions associated with these shutdowns?
<i>Answer #9</i>	Please see changes and modification E & H.
<i>Question #10</i>	For item B4, VMS communication with wireless link, is cellular communications an acceptable option and, if so, has there been any consideration by the PANYNJ for the payment of service charges they will incur on a regular basis?
<i>Answer #10</i>	Item B4 in no longer in the Bid. Please see changes and modification D & I.
<i>Question #11</i>	For item B4, have there been any site survey studies completed that show the feasibility of using dedicated wireless communications for the various VMS sites now and taking into account the construction of new buildings on site which could cause obstructions in the future and if so is that study available
<i>Answer #11</i>	Please see Answer #10, above.
<i>Question #12</i>	It is our experience that Preventive Maintenance tasks on field equipment at LGA are typically performed overnight. If this is the case how many hours would the Contractor have to complete the PM?
<i>Answer #12</i>	Please see changes and modification E, H, & I.

This communication should be initialed by you and annexed to your Bid upon submission.

In case any Bidder fails to conform to these instructions, its Bid will nevertheless be construed as though this communication had been so physically annexed and initialed.

THE PORT AUTHORITY OF NY & NJ

SELENE ORTEGA, MANAGER
COMMODITIES & SERVICES DIVISION

BIDDER'S FIRM NAME: _____

INITIALED: _____

DATE: _____

QUESTIONS CONCERNING THIS ADDENDUM MAY BE ADDRESSED TO
LUZ SANTANA, WHO CAN BE REACHED AT (212) 435 -4625 OR AT
LSANTANA@PANYNJ.GOV.

LGA PRICING SHEET- YEAR 1

A. PREVENTIVE MAINTENANCE AND CERTIFICATION FOR ITS FIELD EQUIPMENT

The Preventative Maintenance shall include the costs for labor, equipment and any materials required to perform the required maintenance and servicing of the ITS equipment, including Maintenance of Traffic (MOT).

Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 1 Contract Price
A1	EA	VMS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		
A2	EA	PVMS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		
A3	EA	TTS AND MVDS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		

B. ITS REPLACEMENT AND MODIFICATION OF ITS COMPONENTS

Work under this section involves furnishing all labor, material and equipment listed below for the repair, replacement, installation, modification and/or removal of ITS equipment at various Facility locations. Any material and equipment not listed below is subject to compensation as noted in Section IV of these Pricing Sheets.

Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 1 Contract Price
B1	EA	VMS POWER SUPPLIES, A-1648	1	X		
B2	EA	VMS CONTROLLERS, 0A-1248-0016	1	X		
B3	EA	VMS REPAIRED DISPLAY MODULES, 0A-1253-3502	12	X		

C. REPAIR SERVICES

Repair Services shall include the hourly rate of all the staff, materials, parts, components and required vehicles specified, with the exception of MOT, which shall be applied on an as-needed basis, depending on the specific Facility location and compensated under Part D below.

Item Number	Est. Annual Number of Hours		Unit Price Per Hour		Estimated Year 1 Contract Price
C1 (DAY)	100 (DURING NORMAL WORK HOURS)	X		=	\$
C1 (NIGHT)	100 (DURING NIGHT WORK HOURS)	X		=	\$

LGA PRICING SHEET- YEAR 1 continue						
D. MAINTENANCE OF TRAFFIC FOR REPAIR SERVICES AND EMERGENCY SERVICES						
Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 1 Contract Price
MOT-1	CALENDAR DAY	BACKUP VEHICLE WITH IMPACT ATTENUATOR	8 days	X		
MOT-2 (DAY)	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY DURING NORMAL WORK HOURS)	15 days	X		
MOT-2 (NIGHT)	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY DURING NIGHT WORK HOURS)	20 days	X		
E. EMERGENCY CALL-IN SERVICES						
Emergency Call-In Services shall include the hourly rate of all staff and cost of required vehicles specified. The hourly rate shall include two (2) Technicians and the required vehicles as specified in Part V, Sections 7 and 12, respectively, with the exception of MOT, which shall be applied on an as-needed basis, depending on the specific Facility location and compensated under Part D above.						
Item Number	Est. Annual Number of Hours		Unit Price Per Hour		Estimated Year 1 Contract Price	
E1	100	X		=	\$	
I.	TOTAL ESTIMATED YEAR ONE CONTRACT PRICE Sum of A1+A2+A3+B1+B2+B3 +C1 (DAY)+C1 (NIGHT)+MOT-1+MOT-2 (DAY) + MOT-2 (NIGHT)+E1 = I:					\$

LGA PRICING SHEET- YEAR 2

A. PREVENTIVE MAINTENANCE AND CERTIFICATION FOR ITS FIELD EQUIPMENT

The Preventative Maintenance shall include the costs for labor, equipment and any materials required to perform the required maintenance and servicing of the ITS equipment, including Maintenance of Traffic (MOT).

Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 2 Contract Price
A1	EA	VMS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		
A2	EA	PVMS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		
A3	EA	TTS AND MVDS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		

B. ITS REPLACEMENT AND MODIFICATION OF ITS COMPONENTS

Work under this section involves furnishing all labor, material and equipment listed below for the repair, replacement, installation, modification and/or removal of ITS equipment at various Facility locations. Any material and equipment not listed below is subject to compensation as noted in Section IV of these Pricing Sheets.

Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 2 Contract Price
B1	EA	VMS POWER SUPPLIES, A-1648	1	X		
B2	EA	VMS CONTROLLERS, 0A-1248-0016	1	X		
B3	EA	VMS REPAIRED DISPLAY MODULES, 0A-1253-3502	12	X		

C. REPAIR SERVICES

Repair Services shall include the hourly rate of all the staff, materials, parts, components and required vehicles specified, with the exception of MOT, which shall be applied on an as-needed basis, depending on the specific Facility location, and compensated under Part D below.

Item Number	Est. Annual Number of Hours		Unit Price Per Hour		Estimated Year 2 Contract Price
C1 (DAY)	100 (DURING NORMAL WORK HOURS)	X		=	\$
C1 (NIGHT)	100 (DURING NIGHT WORK HOURS)	X		=	\$

PART IV - 7

PART IV – SIGNATURE SHEET, NAME AND RESIDENCE OF PRINCIPALS SHEET AND PRICING SHEET(S)

Rev. 6/12/15 (PA/PATH)

LGA PRICING SHEET- YEAR 2 continue						
D. MAINTENANCE OF TRAFFIC FOR REPAIR SERVICES AND EMERGENCY SERVICES						
Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 2 Contract Price
MOT-1	CALENDAR DAY	BACKUP VEHICLE WITH IMPACT ATTENUATOR	8 days	X		
MOT-2 (DAY)	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY DURING NORMAL WORK HOURS)	15 days	X		
MOT-2 (NIGHT)	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY DURING NIGHT WORK HOURS)	20 days	X		
E. EMERGENCY CALL-IN SERVICES						
Emergency Call-In Services shall include the hourly rate of all staff and cost of required vehicles specified. The hourly rate shall include two (2) Technicians and the required vehicles as specified in Part V, Sections 7 and 12, respectively, with the exception of MOT, which shall be applied on an as-needed basis, depending on the specific Facility location, and compensated under Part D above.						
Item Number	Est. Annual Number of Hours		Unit Price Per Hour			Estimated Year 2 Contract Price
E1	100	X		=		\$
II.	TOTAL ESTIMATED YEAR TWO CONTRACT PRICE Sum of A1+A2+A3+B1+B2+B3 +C1 (DAY)+C1 (NIGHT)+MOT-1+MOT-2 (DAY) + MOT-2 (NIGHT)+E1 = II:					\$

LGA PRICING SHEET- YEAR 3

A. PREVENTIVE MAINTENANCE AND CERTIFICATION FOR ITS FIELD EQUIPMENT

The Preventative Maintenance shall include the costs for labor, equipment and any materials required to perform the required maintenance and servicing of the ITS equipment, including Maintenance of Traffic (MOT).

Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 3 Contract Price
A1	EA	VMS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		
A2	EA	PVMS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		
A3	EA	TTS AND MVDS CERTIFICATION AND PREVENTIVE MAINTENANCE	4	X		

B. ITS REPLACEMENT AND MODIFICATION OF ITS COMPONENTS

Work under this section involves furnishing all labor, material and equipment listed below for the repair, replacement, installation, modification and/or removal of ITS equipment at various Facility locations. Any material and equipment not listed below is subject to compensation as noted in Section IV of these Pricing Sheets.

Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 3 Contract Price
B1	EA	VMS POWER SUPPLIES, A-1648	1	X		
B2	EA	VMS CONTROLLERS, 0A-1248-0016	1	X		
B3	EA	VMS REPAIRED DISPLAY MODULES, 0A-1253-3502	4	X		

C. REPAIR SERVICES

Repair Services shall include the hourly rate of all the staff, materials, parts, components and required vehicles specified, with the exception of MOT, which shall be applied on an as-needed basis, depending on the specific Facility location, and compensated under Part D below.

Item Number	Est. Annual Number of Hours		Unit Price Per Hour		Estimated Year 3 Contract Price
C1 (DAY)	100 (DURING NORMAL WORK HOURS)	X		=	\$
C1 (NIGHT)	100 (DURING NIGHT WORK HOURS)	X		=	\$

LGA PRICING SHEET- YEAR 3 continue						
D. MAINTENANCE OF TRAFFIC FOR REPAIR SERVICES AND EMERGENCY SERVICES						
Item Number	Unit of Measurement	Description	Estimated Quantity		Unit Price	Estimated Year 3 Contract Price
MOT-1	CALENDAR DAY	BACKUP VEHICLE WITH IMPACT ATTENUATOR	8 days	X		
MOT-2 (DAY)	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY DURING NORMAL WORK HOURS)	15 days	X		
MOT-2 (NIGHT)	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY DURING NIGHT WORK HOURS)	20 days	X		
E. EMERGENCY CALL-IN SERVICES						
Emergency Call-In Services shall include the hourly rate of all staff and cost of required vehicles specified. The hourly rate shall include two (2) Technicians and the required vehicles as specified in Part V, Sections 7 and 12, respectively, with the exception of MOT, which shall be applied on an as-needed basis, depending on the specific Facility location, and compensated under Part D above.						
Item Number	Est. Annual Number of Hours		Unit Price Per Hour		Estimated Year 3 Contract Price	
E1	100	X		=	\$	
III.	TOTAL ESTIMATED YEAR THREE CONTRACT PRICE Sum of A1+A2+A3+B1+B2+B3 +C1 (DAY)+C1 (NIGHT)+MOT-1+MOT-2 (DAY) + MOT-2 (NIGHT)+E1 = III:					\$

LGA PRICING SHEET

IV. COMPENSATION FOR MATERIALS, PARTS AND COMPONENTS

Bidder shall insert a percentage to be added or deducted from the Net Cost of materials, parts and components. This markup or discount shall be firm for the duration of the Contract, including any Options or Extensions, if exercised.

Net Cost is defined as:

The net cost after deducting all permitted cash trade discounts, rebates, allowances, credits, commissions, and refunds (whether or not any or all of the same shall have been taken by the Contractor) of all materials, parts and components, supplies, tools and labor purchased or leased by the Contractor solely for use in performing their obligations hereunder, provided such purchase or lease has received the prior written approval of the Manager. The documentation that the Contractor receives from its supplier that accompanies the material will be considered necessary and sufficient to substantiate these charges.

Estimated Three Year Net Cost of Material, Parts and Components		Contractor's Percentage (+ or - or 0)		Contractor's Compensation		Three Year Net Cost of Materials, Parts and Components		Estimated Three Year Contract Price for Material, Parts and Components
\$90,000	X	%	=	\$	+		=	\$

V. TECHNICAL SUPPORT

Bidder shall insert a percentage to be added or deducted from the Net Cost. This markup or discount shall be firm for the duration of the Contract, including any Options or Extensions, if exercised.

Net Cost is defined as:

The actual cost to the Contractor. The documentation that the Contractor receives from its subcontractor will be considered necessary and sufficient to substantiate these charges.

Estimated Three Year Net Cost of Material, Parts and Components		Contractor's Percentage (+ or - or 0)		Contractor's Compensation		Three Year Net Cost of Materials, Parts and Components		Estimated Three Year Contract Price for Material, Parts and Components
\$30,000	X	%	=	\$	+		=	\$

SUMMARY

I.	TOTAL ESTIMATED YEAR ONE CONTRACT PRICE	\$
III.	TOTAL ESTIMATED YEAR TWO CONTRACT PRICE:	\$
III.	TOTAL ESTIMATED YEAR THREE CONTRACT PRICE	\$
IV.	TOTAL ESTIMATED THREE YEAR CONTRACT PRICE FOR MATERIAL, PARTS AND COMPONENTS	\$
V.	TOTAL ESTIMATED THREE YEAR CONTRACT PRICE FOR TECHNICAL SUPPORT	\$
VI.	TOTAL ESTIMATED THREE-YEAR CONTRACT PRICE (Sum of I., II., III., IV., V. = VI.)	\$