

THE PORT AUTHORITY OF NY & NJ

PROCUREMENT DEPARTMENT
2 MONTGOMERY STREET, 3RD FL.
JERSEY CITY, NJ 07302

3/22/2013

ADDENDUM # 2

To prospective Bidder for **Bid # 32621** for Inspections, Maintenance, Testing and Repairs of the Carbon Monoxide (CO) Monitoring Systems at the George Washington Bridge and Holland and Lincoln Tunnels:

- **Revised due date now 4/4/2013, no later than 11:00 AM**
- Originally due on 3/28/2013, no later than 11:00 AM

I. CHANGES/MODIFICATIONS

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

- A. In Part V, page 3, delete the second paragraph beginning with ““Carbon Monoxide Systems,”...” in its entirety and replace with the following:

““Carbon Monoxide Monitoring Systems,” “CO Monitoring Systems,” or “Systems” shall mean the Thermo Scientific Model 48i Carbon Monoxide Analyzers; communication links (including C-Link Protocol Commands, MODBUS Protocol and Geysitech [Bayern-Hessen] Protocol); associated PC, SCADA and Data Logger based Data Acquisition Systems, and components identified and listed in Exhibits “A” through “C” of the Contractor’s Pricing Sheets; as well as any other component added to this Contract and all associated materials, equipment and appurtenances of any nature whatsoever furnished and installed in connection with such carbon monoxide systems.”
- B. In Part V, page 3, the paragraph beginning with ““DAS”” delete in its entirety and replace with the following, ““DAS” shall mean the Data Acquisition Software.”
- C. In Part V, page 5, item 3, second paragraph, in the second line delete the word “Extra”.
- D. In Part V, page 6, Holland Tunnel, fifth bullet beginning with “One (1) Okagawa recorder...” delete in its entirety and replace with the following:
 - “One (1) Yokogawa DAQ Station DX2000 system recorder (monitor with a split screen) located in the Supervisory Control Room, Holland Tunnel Service Garage #2.”

- E. In Part V, page 6, Holland Tunnel, sixth bullet beginning with “Monitoring Workstation...” delete in its entirety.
- F. In Part V, page 6, Holland Tunnel, seventh bullet beginning with “Associated equipment...” delete in its entirety and replace with the following:
- “Associated equipment at all locations includes all associated hardware and software, Uninterruptible Power Supply (UPS), sample pumps, sample gases, bypass pumps and filters, sample flowmeters, sequencing solenoid valves, line pumps and filters, manual calibration equipment, sample piping, and other appurtenances.”
- G. In Part V, page 6, Lincoln Tunnel, eighth bullet beginning with “Associated equipment...” in the second line delete the “.” after “software” and replace with “,”.
- H. In Part V, page 8, E. Project Work, delete in its entirety and replace with the following:
- “As directed by the Manager at the Holland Tunnel, the Contractor shall perform one-time project work of replacing the eight (8) Transmation units (with model numbers including, but not limited to LR310, LR330 by Transmation, Inc.), which are located in the vent buildings at the HT.
- As directed by the Manager at the George Washington Bridge, the Contractor shall perform one-time project work of replacing the six (6) analyzers with network communications capabilities.”
- I. Part IV, Contractor’s Pricing Sheet, is deleted in its entirety and replaced with the attached.

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 therefore 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 therefore in any manner whatsoever.

Q1. At the Holland Tunnel location, the bid references work on a PC Workstation. The CO signals terminate at a Yokogawa digital strip chart recorder not a PC Workstation. Please clarify.

A1. The Yokogawa DAQ Station DX2000 system is considered a PC Workstation. See revised Part IV, Contractor's Pricing Sheets.

Q2. At the Lincoln Tunnel location, the bid references work on a PC Workstation. There is a VMware SCADA system that is serviced by others. Please clarify.

A2. Lincoln Tunnel (LT) does not have a VMware SCADA System. LT SCADA Systems' operating system is an Open VMS. The Contractor will be responsible for insuring that the output from the CO analyzers to the SCADA System are functioning and are accurate. The Contractor will do that by verifying that the reading in the SCADA System corresponds to the reading on the analyzer. If not, the Contractor will determine if its output is correct (4-20 ma) and if so, will report the condition to the LT personnel for follow-up with the SCADA vendor.

Q3. At the George Washington Bridge (GWB) location, the bid references work on (2) PC Workstations that appear to be disconnected. Are they functioning units, and will the Contractor be responsible to maintain them?

A3. This will be addressed in a subsequent Addendum.

Q4. The Holland Tunnel scope includes replacing Transmation Units. It is believed these units are no longer available. Please clarify.

A4. See Part V, section 2 "Work Required by the Specifications," page 5, subsection 3.

Q5. The Specifications calls for providing all gases for calibration. Does the Port Authority own the existing tanks?

A5. The tanks are not owned by the Port Authority and will be the responsibility of the Contractor.

Q6. The "CONTRACTOR'S PRICING SHEET EXHIBIT "C" – LINCOLN TUNNEL COMPENSATION FOR PARTS AND EQUIPMENT", and in service for the same length of time as the CO analyzers at the Lincoln Tunnel. Is compensation for parts and equipment required at the Holland Tunnel and George Washington Bridge?

A6. No.

Q7. The Specifications include providing 14 zero air calibration gases, and 14 CO span calibration gases. The calibration gas specifications (cylinder size, pressure, volume and purity level, US EPA Protocol, Compliance Class, etc.), will affect the Contract price. Please provide the calibration gas specifications.

A7. This will be addressed in a subsequent Addendum.

Q8. In Part II, Section 11, Specific Bidder's Prerequisites, it requires the Bidder shall have had at least three (3) years of continuous experience immediately prior to the date of submission of its bid in the management and operation of a business involved in inspections, maintenance, testing, and repairs of Carbon Monoxide Monitoring Systems. Is experience required specific to the Thermo Scientific Model 48i CO analyzer?

A8. No.

Q9. The CO monitoring program requires remotely monitoring CO concentrations, and operating parameters; sample, zero, span, by-pass pump, sample pump, voltages, pressure, AGC intensity, ambient, chamber temperature, and calibration results, via the Thermo Scientific Model 48i C-Link Protocol Commands. Is experience remotely monitoring the Model 48i CO concentrations and monitoring and controlling its operating parameters required? Is experience required specific to the inspections, maintenance, testing, and repairs of the Holland Tunnel Yokogawa DAQ STATION DX2000 system?

A9. No to both questions.

- III. See attached "Attendance Sheet – Facility Inspection Meeting" dated 3-19-13 one for each site, Holland Tunnel, Lincoln Tunnel and the George Washington Bridge (3 sheets).

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

KATHY LESLIE WHELAN, MANAGER
COMMODITIES & SERVICES DIVISION

BIDDER'S FIRM NAME: _____

INITIALED: _____

DATE: _____

QUESTIONS CONCERNING THIS ADDENDUM MAY BE ADDRESSED TO Mr. Richard A. Grehl, WHO CAN BE REACHED AT (201) 395-3441 or at rgrehl@panynj.gov.

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

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

1. SIGNATURE SHEET

OFFER: The undersigned offers and agrees to furnish to the Port Authority of New York and New Jersey the services and/or materials in compliance with all terms, conditions, specifications and addenda of the Contract. Signature also certifies understanding and compliance with the certification requirements of the standard terms and conditions as contained in the Standard Contract Terms and Conditions. This offer shall be irrevocable for 120 days after the date on which the Port Authority opens this bid.

ONLY THE COMPANY NAMED AS THE BIDDING ENTITY BELOW WILL RECEIVE PAYMENT. THIS MUST BE THE SAME NAMED COMPANY AS INDICATED ON THE COVER SHEET

Bidding Entity _____

Bidder's Address _____

City, State, Zip _____

Telephone No. _____ FAX _____

Email _____ EIN# _____

SIGNATURE _____ Date _____

Print Name and Title _____

ACKNOWLEDGEMENT:

STATE OF: _____

COUNTY OF: _____

On this ___ day of _____, 20___, personally came before me, _____, who duly sworn by me, did depose that (s)he has knowledge of the matters herein stated and they are in all respects true and that (s)he has been authorized to execute the foregoing offer and statement of irrevocability on behalf of said corporation, partnership or firm.

Notary Public

NOTE: If a joint venture is bidding, duplicate this Signature Sheet and have each party to the joint venture sign separately and affix to the back of this Signature Sheet.

Bidder attention is called to the certification requirements contained in the Standard Contract Terms and Conditions, Part III. Indicate below if a signed, explanatory statement in connection with this section is attached hereto.

If certified by the Port Authority as an SBE or MWBE: _____ (indicate which one and date).

2. NAME AND RESIDENCE OF PRINCIPALS SHEET

Names and Residence of Principals of Bidder. If general or limited partner, or individual, so indicate.

NAME	TITLE	ADDRESS OF RESIDENCE (Do not give business address)
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3. PRICING SHEET(S)

Entry of Prices

- a. The prices quoted shall be written in figures, in ink, preferably in black ink where required in the spaces provided on the Pricing Sheet(s) attached hereto and made a part hereof.
- b. All Bidders are asked to ensure that all charges quoted for similar operations in the Contract are consistent.
- c. Prices must be submitted for each Item required on the Pricing Sheet(s). Bidders are advised that the Items on the Pricing Sheet(s) correspond to the required services set forth in the Specifications hereunder.
- d. Bidders must insert all figures as required and verify all computations for accuracy. The Port Authority in its sole judgment reserves the right to: (1) reject Bids without checking them for mathematical errors or omissions, (2) reject Bids that contain or appear to contain errors or omissions, and (3) supply corrections to Bids that contain or appear to contain mathematical errors and omissions, and in this case the Port Authority reserves the right to recompute the Estimated Contract Price based upon the Unit Prices inserted by the Bidder, which amount shall govern in all cases.
- e. In the event that a Bidder quotes an amount in the Estimated column but omits to quote a Unit Price for that amount in the space provided, the Port Authority reserves the right to compute and insert the appropriate Unit Price.
- f. The Total Estimated Contract Price is solely for the purpose of facilitating the comparisons of Bids. Compensation shall be in accordance with the section of this Contract entitled "Payment."

**CONTRACTOR'S PRICING SHEET
EXHIBIT "A" – GEORGE WASHINGTON BRIDGE
(FIRST YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = ((3) x (4) x (5))
New York Approach Tunnel	Sensors	2	\$ _____	12	\$ _____(1)
Broadway Electrical Room	Analyzers	2	\$ _____	12	\$ _____(2)
New York Approach Tunnel	Sensors	2	\$ _____	12	\$ _____(3)
Bus Station Cooling Tower Valve Room	Analyzers	2	\$ _____	12	\$ _____(4)
New Jersey Lower Roadway Approach Tunnel	Sensors	2	\$ _____	12	\$ _____(5)
	Analyzers	2	\$ _____	12	\$ _____(6)
Main GWB Watch Engineer's Office Monitoring Station	1 Host PC	1	\$ _____	12	\$ _____(7)
Remote GWB Maintenance Conference Room Monitoring Station	1 Host PC	1	\$ _____	12	\$ _____(8)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of GWB CO Monitoring System – First Year

\$ _____

(Sum of column (6), items (1) through (8) above)

INCLUDE ON LINE (1) EXHIBIT "D"

**CONTRACTOR'S PRICING SHEET
EXHIBIT "A" – GEORGE WASHINGTON BRIDGE
(SECOND YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = (3) x (4) x (5)
New York Approach Tunnel	Sensors	2	\$ _____	12	\$ _____(1)
Broadway Electrical Room	Analyzers	2	\$ _____	12	\$ _____(2)
New York Approach Tunnel	Sensors	2	\$ _____	12	\$ _____(3)
Bus Station Cooling Tower Valve Room	Analyzers	2	\$ _____	12	\$ _____(4)
New Jersey Lower Roadway Approach Tunnel	Sensors	2	\$ _____	12	\$ _____(5)
	Analyzers	2	\$ _____	12	\$ _____(6)
Main GWB Watch Engineer's Office Monitoring Station	1 Host PC	1	\$ _____	12	\$ _____(7)
Remote GWB Maintenance Conference Room Monitoring Station	1 Host PC	1	\$ _____	12	\$ _____(8)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of GWB CO Monitoring System – Second Year

\$ _____

(Sum of column (6), items (1) through (8) above)

INCLUDE ON LINE (2) EXHIBIT "D"

**CONTRACTOR'S PRICING SHEET
EXHIBIT "A" – GEORGE WASHINGTON BRIDGE
(THIRD YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = (3) x (4) x (5)
New York Approach Tunnel	Sensors	2	\$ _____	12	\$ _____ (1)
Broadway Electrical Room	Analyzers	2	\$ _____	12	\$ _____ (2)
New York Approach Tunnel	Sensors	2	\$ _____	12	\$ _____ (3)
Bus Station Cooling Tower Valve Room	Analyzers	2	\$ _____	12	\$ _____ (4)
New Jersey Lower Roadway Approach Tunnel	Sensors	2	\$ _____	12	\$ _____ (5)
	Analyzers	2	\$ _____	12	\$ _____ (6)
Main GWB Watch Engineer's Office Monitoring Station	1 Host PC	1	\$ _____	12	\$ _____ (7)
Remote GWB Maintenance Conference Room Monitoring Station	1 Host PC	1	\$ _____	12	\$ _____ (8)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of GWB CO Monitoring System – Third Year

\$ _____

(Sum of column (6), items (1) through (8) above)

INCLUDE ON LINE (3) EXHIBIT "D"

PART IV - 7

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

ADDENDUM # 2 REVISED

Rev. 2/12/10 (PA/PATH)

**CONTRACTOR'S PRICING SHEET
EXHIBIT "A" – GEORGE WASHINGTON BRIDGE
EMERGENCY SERVICES**

FIRST YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
A.1	Regular*** Working Hours	\$ _____	10	\$ _____
A.2	Overtime*** Working Hours	\$ _____	10	\$ _____
A.3	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

SECOND YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
A.4	Regular*** Working Hours	\$ _____	10	\$ _____
A.5	Overtime*** Working Hours	\$ _____	10	\$ _____
A.6	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

THIRD YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
A.7	Regular*** Working Hours	\$ _____	10	\$ _____
A.8	Overtime*** Working Hours	\$ _____	10	\$ _____
A.9	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

*Labor indicated is for Emergency Service to be performed and approved by the Manager.

**Rate Per Hour in Column (A) above are all-inclusive wage rates which shall include the Contractor's overhead, including tolls, travel time, cost of vehicle use and profit. Compensation for materials used during Emergency Service shall be in accordance with the provisions of Part III entitled "Extra Work."

***See clause in Part V entitled “Specific Definitions” for definitions of “Regular Working Hours,” “Overtime Working Hours” and “Premium Overtime Working Hours.”

**Estimated Three (3) Year Contract
Price for GWB Emergency Services**

(Sum of A.1 through A.9 above)

\$ _____

INCLUDE ON LINE (4) EXHIBIT “D”

**CONTRACTOR'S PRICING SHEET
EXHIBIT "A" – GEORGE WASHINGTON BRIDGE
PROJECT WORK**

(1)	(2)	(3)	(4)	(5)
Location of Equipment	Estimated Number of Devices	Unit Price*	Frequency	Total Estimated Contract Price (5) = (2) x (3) x (4)
Replace Analyzers with Network Communications capabilities	6	\$ _____	1	\$ _____

*Total unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

Total Estimated One-time Project Work Contract Price at the GWB

(Sum of column (5))

\$ _____

INCLUDE ON LINE (5) EXHIBIT "D"

**CONTRACTOR'S PRICING SHEET
EXHIBIT "B" – HOLLAND TUNNEL
(FIRST YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = (3) x (4) x (5)
New Jersey River Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____ (1)
New Jersey River Vent Building, Pier Deck Mezzanine Level	Analyzers	3	\$ _____	12	\$ _____ (2)
New York River Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____ (3)
New York River Vent Building, Pier Deck Mezzanine Level	Analyzers	3	\$ _____	12	\$ _____ (4)
New Jersey Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____ (5)
New Jersey Land Vent Building, 1 st floor	Analyzers	4	\$ _____	12	\$ _____ (6)
New York Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____ (7)
New York Land Vent Building, 1 st floor	Analyzers	4	\$ _____	12	\$ _____ (8)
Supervisory Control Room, HT Service Garage #2	Yokogawa DAQ Station DX2000 system (Recorder)	1	\$ _____	12	\$ _____ (9)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

**Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
HT CO Monitoring System – First Year**

(Sum of column (6), items (1) through (9) above)

\$ _____

INCLUDE ON LINE (6) EXHIBIT “D”

**CONTRACTOR'S PRICING SHEET
EXHIBIT "B" – HOLLAND TUNNEL
(SECOND YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = (3) x (4) x (5)
New Jersey River Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____ (1)
New Jersey River Vent Building, Pier Deck Mezzanine Level	Analyzers	3	\$ _____	12	\$ _____ (2)
New York River Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____ (3)
New York River Vent Building, Pier Deck Mezzanine Level	Analyzers	3	\$ _____	12	\$ _____ (4)
New Jersey Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____ (5)
New Jersey Land Vent Building, 1 st floor	Analyzers	4	\$ _____	12	\$ _____ (6)
New York Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____ (7)
New York Land Vent Building, 1 st floor	Analyzers	4	\$ _____	12	\$ _____ (8)
Supervisory Control Room, HT Service Garage #2	Yokogawa DAQ Station DX2000 system (Recorder)	1	\$ _____	12	\$ _____ (9)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

**Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
HT CO Monitoring System – Second Year**

(Sum of column (6), items (1) through (9) above)

\$ _____

INCLUDE ON LINE (7) EXHIBIT “D”

**CONTRACTOR'S PRICING SHEET
EXHIBIT "B" – HOLLAND TUNNEL
(THIRD YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = (3) x (4) x (5)
New Jersey River Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____ (1)
New Jersey River Vent Building, Pier Deck Mezzanine Level	Analyzers	3	\$ _____	12	\$ _____ (2)
New York River Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____ (3)
New York River Vent Building, Pier Deck Mezzanine Level	Analyzers	3	\$ _____	12	\$ _____ (4)
New Jersey Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____ (5)
New Jersey Land Vent Building, 1 st floor	Analyzers	4	\$ _____	12	\$ _____ (6)
New York Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____ (7)
New York Land Vent Building, 1 st floor	Analyzers	4	\$ _____	12	\$ _____ (8)
Supervisory Control Room, HT Service Garage #2	Yokogawa DAQ Station DX2000 system (Recorder)	1	\$ _____	12	\$ _____ (9)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

**Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
HT CO Monitoring System – Third Year**

(Sum of column (6), items (1) through (9) above)

\$ _____

INCLUDE ON LINE (8) EXHIBIT “D”

**CONTRACTOR'S PRICING SHEET
EXHIBIT "B" – HOLLAND TUNNEL
EMERGENCY SERVICES**

FIRST YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
B.1	Regular*** Working Hours	\$ _____	10	\$ _____
B.2	Overtime*** Working Hours	\$ _____	10	\$ _____
B.3	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

SECOND YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
B.4	Regular*** Working Hours	\$ _____	10	\$ _____
B.5	Overtime*** Working Hours	\$ _____	10	\$ _____
B.6	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

THIRD YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
B.7	Regular*** Working Hours	\$ _____	10	\$ _____
B.8	Overtime*** Working Hours	\$ _____	10	\$ _____
B.9	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

*Labor indicated is for Emergency Service to be performed and approved by the Manager.

**Rate Per Hour in Column (A) above are all-inclusive wage rates which shall include the Contractor's overhead, including tolls, travel time, cost of vehicle use and profit. Compensation for materials used during Emergency Service shall be in accordance with the provisions of Part III entitled "Extra Work."

***See clause in Part V entitled "Specific Definitions" for definitions of "Regular Working Hours," "Overtime Working Hours" and "Premium Overtime Working Hours."

**Estimated Three (3) Year Contract
Price for HT Emergency Services**

(Sum of B.1 through B.9 above)

\$ _____

INCLUDE ON LINE (9) EXHIBIT "D"

**CONTRACTOR'S PRICING SHEET
EXHIBIT "C" – LINCOLN TUNNEL
(FIRST YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = (3) x (4) x (5)
New Jersey South Vent Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(1)
New Jersey South Vent Building	Analyzers	2	\$ _____	12	\$ _____(2)
New York South Vent Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(3)
New York South Vent Building	Analyzers	2	\$ _____	12	\$ _____(4)
New York River Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(5)
New York River Building	Analyzers	2	\$ _____	12	\$ _____(6)
New Jersey Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____(7)
New Jersey Land Building	Analyzers	4	\$ _____	12	\$ _____(8)
New York Land Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____(9)
New York Land Building	Analyzers	3	\$ _____	12	\$ _____(10)
39 th Street Underpass	Sensors	1	\$ _____	12	\$ _____(11)

39 th Street Ventilation Fan Room	Analyzers	1	\$ _____	12	\$ _____ (12)
Workstation PC and its associated hardware and software	1 Host PC	1	\$ _____	12	\$ _____ (13)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

**Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
LT CO Monitoring System – First Year**

(Sum of column (6), items (1) through (13) above)

\$ _____

INCLUDE ON LINE (11) EXHIBIT “D”

**CONTRACTOR'S PRICING SHEET
EXHIBIT "C" – LINCOLN TUNNEL
(SECOND YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = (3) x (4) x (5)
New Jersey South Vent Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(1)
New Jersey South Vent Building	Analyzers	2	\$ _____	12	\$ _____(2)
New York South Vent Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(3)
New York South Vent Building	Analyzers	2	\$ _____	12	\$ _____(4)
New York River Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(5)
New York River Building	Analyzers	2	\$ _____	12	\$ _____(6)
New Jersey Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____(7)
New Jersey Land Building	Analyzers	4	\$ _____	12	\$ _____(8)
New York Land Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____(9)
New York Land Building	Analyzers	3	\$ _____	12	\$ _____(10)
39 th Street Underpass	Sensors	1	\$ _____	12	\$ _____(11)

39 th Street Ventilation Fan Room	Analyzers	1	\$ _____	12	\$ _____(12)
Workstation PC and its associated hardware and software	1 Host PC	1	\$ _____	12	\$ _____(13)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

**Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
LT CO Monitoring System – Second Year**

(Sum of column (6), items (1) through (13) above)

\$ _____
INCLUDE ON LINE (12) EXHIBIT “D”

**CONTRACTOR'S PRICING SHEET
EXHIBIT "C" – LINCOLN TUNNEL
(THIRD YEAR)**

Inspection, Maintenance, Testing, and Repair/Replacement Services of CO Monitoring System

(1)	(2)	(3)	(4)	(5)	(6)
Location of Equipment	Equipment	Estimated Number of Devices	Monthly Unit Price*	Frequency	Estimated Annual Contract Price (6) = (3) x (4) x (5)
New Jersey South Vent Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(1)
New Jersey South Vent Building	Analyzers	2	\$ _____	12	\$ _____(2)
New York South Vent Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(3)
New York South Vent Building	Analyzers	2	\$ _____	12	\$ _____(4)
New York River Building Exhaust Ducts	Sensors	2	\$ _____	12	\$ _____(5)
New York River Building	Analyzers	2	\$ _____	12	\$ _____(6)
New Jersey Land Building Exhaust Ducts	Sensors	4	\$ _____	12	\$ _____(7)
New Jersey Land Building	Analyzers	4	\$ _____	12	\$ _____(8)
New York Land Building Exhaust Ducts	Sensors	3	\$ _____	12	\$ _____(9)
New York Land Building	Analyzers	3	\$ _____	12	\$ _____(10)
39 th Street Underpass	Sensors	1	\$ _____	12	\$ _____(11)

39 th Street Ventilation Fan Room	Analyzers	1	\$ _____	12	\$ _____(12)
Workstation PC and its associated hardware and software	1 Host PC	1	\$ _____	12	\$ _____(13)

*Monthly unit price shall be all-inclusive of labor and materials for inspection, maintenance, testing, and repair/replacement services. Monthly unit price shall also include labor and cost of device(s) if repair/replacement of device(s) is required, and upon approval of the Manager. Equipment replaced must be the same make and model or approved equal (as determined by the Manager) to equipment currently installed at the Facility.

**Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
LT CO Monitoring System – Third Year**

(Sum of column (6), items (1) through (13) above)

\$ _____
INCLUDE ON LINE (13) EXHIBIT “D”

**CONTRACTOR'S PRICING SHEET
EXHIBIT "C" – LINCOLN TUNNEL
EMERGENCY SERVICES**

FIRST YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
C.1	Regular*** Working Hours	\$ _____	10	\$ _____
C.2	Overtime*** Working Hours	\$ _____	10	\$ _____
C.3	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

SECOND YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
C.4	Regular*** Working Hours	\$ _____	10	\$ _____
C.5	Overtime*** Working Hours	\$ _____	10	\$ _____
C.6	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

THIRD YEAR

		(A)	(B)	(C)
Item #	Repair Mechanic Labor *	All Inclusive Rate Per Hour**	Estimated Hours Per Year	Estimated Annual Contract Price (A) x (B) = (C)
C.7	Regular*** Working Hours	\$ _____	10	\$ _____
C.8	Overtime*** Working Hours	\$ _____	10	\$ _____
C.9	Premium*** Overtime Working Hours	\$ _____	10	\$ _____

*Labor indicated is for Emergency Service to be performed and approved by the Manager.

**Rate Per Hour in Column (A) above are all-inclusive wage rates which shall include the Contractor's overhead, including tolls, travel time, cost of vehicle use and profit. Compensation for materials used during Emergency Service shall be in accordance with the provisions of Part III entitled "Extra Work."

***See clause in Part V entitled “Specific Definitions” for definitions of “Regular Working Hours,”
“Overtime Working Hours” and “Premium Overtime Working Hours.”

**Estimated Three (3) Year Contract
Price for LT Emergency Services**

(Sum of C.1 through C.9 above)

\$ _____
INCLUDE ON LINE (14) EXHIBIT “D”

**CONTRACTOR'S PRICING SHEET
EXHIBIT "C" – LINCOLN TUNNEL
COMPENSATION FOR PARTS AND EQUIPMENT**

Bidder shall insert a percentage and this percentage shall be firm for three (3) years of the Contract and any Option or Extension Period thereafter.

Three (3) Year		
Estimated Amount*	Contractor's Percentage Mark-up/Mark-down	Estimated Net Total for Three (3) Years
\$63,000*	x +/- _____ % = \$ _____ + \$63,000* =	_____

**ESTIMATED THREE (3) YEAR CONTRACT PRICE
FOR LT CO MONITORING COMPENSATION FOR
PARTS AND EQUIPMENT**

\$ _____
INCLUDE ON LINE (15) EXHIBIT "D"

*The estimated amount for parts and equipment does not include incidental materials such as cleaning supplies, oils, greases and other lubricants. Compensation for such incidental materials shall be included in prices in Part IV Pricing Sheets for Inspection, Maintenance, Testing, and Repair/Replacement Services. If repair/replacement of parts and equipment is required, the Contractor shall first obtain approval of the Manager. Parts and equipment repaired/replaced must be the same make and model or approved equal (as determined by the Manager) to parts and equipment currently installed at the Facility.

**CONTRACTOR'S PRICING SHEET
EXHIBIT "D"
PRICING SUMMARY SHEET**

- 1) **Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of GWB CO Monitoring System – First Year**
(from Exhibit "A") \$ _____

- 2) **Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of GWB CO Monitoring System – Second Year**
(from Exhibit "A") \$ _____

- 3) **Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of GWB CO Monitoring System – Third Year**
(from Exhibit "A") \$ _____

- 4) **Estimated Three (3) Year Contract Price for GWB Emergency Services**
(from Exhibit "A") \$ _____

- 5) **Estimated One-time Project Work Contract Price at the GWB**
(from Exhibit "A") \$ _____

- 6) **Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of HT CO Monitoring System – First Year**
(from Exhibit "B") \$ _____

- 7) **Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of HT CO Monitoring System – Second Year**
(from Exhibit "B") \$ _____

- 8) **Estimated Annual Contract Price for Inspection, Maintenance, Testing, and Repair/Replacement Services of HT CO Monitoring System – Third Year**
(from Exhibit "B") \$ _____

- 9) **Estimated Three (3) Year Contract Price for HT Emergency Services**
(from Exhibit "B") \$ _____

- 10) Estimated One-time Project Work Contract
Price at the HT
(from Exhibit "B")** \$ _____
- 11) Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
LT CO Monitoring System – First Year
(from Exhibit "C")** \$ _____
- 12) Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
LT CO Monitoring System – Second Year
(from Exhibit "C")** \$ _____
- 13) Estimated Annual Contract Price for Inspection,
Maintenance, Testing, and Repair/Replacement Services of
LT CO Monitoring System – Third Year
(from Exhibit "C")** \$ _____
- 14) Estimated Three (3) Year Contract
Price for LT Emergency Services
(from Exhibit "C")** \$ _____
- 15) Estimated Three (3) Year Contract Price for
LT CO Monitoring Compensation for Parts
and Equipment
(from Exhibit "C")** \$ _____
- TOTAL ESTIMATED THREE (3) YEAR
CONTRACT PRICE** \$ _____
(Total items (1) through (15) above)

Attendance Sheet - Facility Inspection Meeting

TITLE: INSPECTIONS, MAINTENANCE, TESTING AND REPAIRS OF THE CARBON MONOXIDE (CO) MONITORING SYSTEMS AT THE GWB, HT & LT.

BID NO.: 32621

DATE: MARCH 19, 2013
TIME: 7:30 AM

LOCATION: HOLLAND TUNNEL (HT)

	<u>NAME</u>	<u>COMPANY</u>	<u>CONTACT PHONE / E-MAIL</u>
1	David Cummings	Enviroplan Consulting	201-213-2913 / dave.c@enviroplan.com
2	NATASHA WILSON	PANYNJ	201.395.3959 / nwilson@pdnynj.gov
3	VICTOR LAZARE	PANYNJ	201-360-5047 / VLAZARE@PANYNJ.GOV
4	GRANT BOWMAN	ACS	860-210-7932 / gbowman@acs-ny.com
5	RICH GREHL	PA-PROCUREMENT	201-395-3441 / RGREHL@PANYNJ.GOV
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Attendance Sheet - Facility Inspection Meeting

TITLE: INSPECTIONS, MAINTENANCE, TESTING AND REPAIRS OF THE CARBON MONOXIDE (CO) MONITORING SYSTEMS AT THE GWB, HT & LT.

BID NO.: 32621

DATE: MARCH 19, 2013
TIME: 9:30 AM

LOCATION: LINCOLN TUNNEL (LT)

	<u>NAME</u>	<u>COMPANY</u>	<u>CONTACT PHONE / E-MAIL</u>
1	GRANT BOWMAN	ACS	860-210-7932 gbowman@acs-ny.com
2	David Cummings	Enviroplan Consulting	201-213-2913 davec@enviroplan.com
3	TOM CONNORS	PA / LT Maint.	201-617-8442 TCONNORS@panynj.gov
4	RICH GREHL	PA-PROCUREMENT	201-395-3441 RGREHL@PANYNJ.GOV
5	NATASHA WILSON	PANYNJ	201.395.3959 / nwilson@panynj.gov
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Attendance Sheet - Facility Inspection Meeting

TITLE: INSPECTIONS, MAINTENANCE, TESTING AND REPAIRS OF THE CARBON MONOXIDE (CO) MONITORING SYSTEMS AT THE GWB, HT & LT.

BID NO.: 32621

DATE: MARCH 19, 2013
TIME: 11:30 AM

LOCATION: GEORGE WASHINGTON BRIDGE (GWB)

	<u>NAME</u>	<u>COMPANY</u>	<u>CONTACT PHONE / E-MAIL</u>
1	<u>NATASHA WILSON</u>	<u>PANYNJ</u>	<u>nwilson@panynj.gov / 201.395.3959</u>
2	<u>GRANT BOWMAN</u>	<u>ACS</u>	<u>gbowman@acs-ny.com</u>
3	<u>Andrew Scarcella</u>	<u>GWB MainTen</u>	<u>Ascscarcella@PANYNJ.GOV</u>
4	<u>RICH GREHL</u>	<u>PA-PROCUREMENT</u>	<u>201-395-3441 / RGREHL@PANYNJ.GOV</u>
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