THE PORT AUTHORITY OF NY & NJ

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

INVITATION FOR BID/PUBLIC BID OPENING

BID INFORMATION

ISSUED DATE: 12/17/2013

TITLE: Routine and Emergency Maintenance of Intelligent Transportation Systems (ITS) including Variable Message Signs (VMS) and Video Image Detection Systems (VIDS) equipments, installation, repair and incidental construction at John F. Kennedy International Airport

BID NO.: 0000035980

SUBMIT SEALED BIDS BEFORE THE DUE DATE AND TIME TO THE ABOVE ADDRESS WHERE THEY WILL BE PUBLICLY OPENED AND READ

BID DUE DATE: January 17, 2014 **TIME: 11:00 AM**

BUYER NAME: Dinesh M. Chheda

PHONE NO.: (201) 395-3432
FAX NO.: (201) 395-3425
EMAIL: dchheda@panynj.gov

BIDDER INFORMATION
(TO BE COMPLETED BY THE BIDDER)
(PLEASE PRINT)

_____
(NAME OF BIDDING ENTITY)

_____
(ADDRESS)

_____
(CITY, STATE AND ZIP CODE)

_____
(REPRESENTATIVE TO CONTACT-NAME & TITLE **(TELEPHONE)**

_____
(FEDERAL TAX I.D. NO.) **(FAX NO.)**

_____ BUSINESS CORPORATION _____PARTNERSHIP _____INDIVIDUAL

_____ OTHER (SPECIFY): _____

INVITATION FOR BID

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- PART II – CONTRACT SPECIFIC INFORMATION FOR BIDDERS
- PART III – CONTRACT SPECIFIC TERMS AND CONDITIONS
- PART IV – SIGNATURE SHEET, NAME AND RESIDENCE OF PRINCIPALS AND PRICING SHEET(S)
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PART I - STANDARD INFORMATION FOR BIDDERS

1. General Information: The Port Authority of New York and New Jersey

The Port Authority of New York and New Jersey (the "Port Authority" or the "Authority") is an agency of the States of New York and New Jersey, created and existing by virtue of the Compact of April 30, 1921, made by and between the two States, and thereafter consented to by the Congress of the United States. It is charged with providing transportation, terminal and other facilities of trade and commerce within the Port District. The Port District comprises and area of about 1,500 square miles in both States, centering about New York Harbor. The Port District includes the Cities of New York and Yonkers in New York State, and the cities of Newark, Jersey City, Bayonne, Hoboken and Elizabeth in the State of New Jersey, and over 200 other municipalities, including all or part of seventeen counties, in the two States. The Port Authority manages and/or operates all of the region's major commercial airports (Newark Liberty International, John F. Kennedy International, Teterboro, LaGuardia and Stewart International Airports), marine terminals in both New Jersey and New York (Port Newark and Elizabeth, Howland Hook and Brooklyn Piers); and its interstate tunnels and bridges (the Lincoln and Holland Tunnels; the George Washington, Bayonne, and Goethals Bridges; and the Outerbridge Crossing), which are vital "Gateways to the Nation."

In addition, the Port Authority operates the Port Authority Bus Terminal in Manhattan, the largest facility of its kind in the world, and the George Washington Bridge and Journal Square Transportation Center bus stations. A key link in interstate commuter travel, the Port Authority also operates the Port Authority Trans-Hudson Corporation (PATH), a rapid rail transit system linking Newark, and the Jersey City and Hoboken waterfronts, with midtown and downtown Manhattan. A number of other key properties are managed by the agency including but not limited to a large satellite communications facility (the Teleport) in Staten Island, and a resource recovery co-generation plant in Newark. Prior to September 11, 2001, the Port Authority's headquarters were located in the World Trade Center, and that complex is still owned and being partially redeveloped by the Authority.

2. Form and Submission of Bid

The Bidder shall review carefully every provision of this document, provide all the information required, and sign and return one entire copy to the Port Authority in accordance with the instructions on the Cover Sheet and Part II – Contract Specific Information for Bidders. The Bidder should retain one complete duplicate copy for its own use. The "Signature Sheet" contained herein must be completed and signed by the Bidder. The Pricing Sheet(s) contained herein must also be completed. The bid shall be sealed in the enclosed self-addressed envelope conspicuously marked with the Bidder's name, address, and Vendor Number, if available. In addition, the outside of the package must clearly state the Bid title, the Bid Collective Number and the Bid Due Date. Failure to properly label submissions may cause a delay in identification, misdirection or disqualification of the submissions. In submitting this bid, the Bidder offers to assume the obligations and liabilities imposed upon it herein and expressly makes the representations and warranties required in this document.

All Bids must be received by the bid custodian on or before the due date and time specified on the cover page, at which time they will be publicly opened and read. Bids are only accepted Monday through Friday, excluding Port Authority holidays, between the hours of 8:00 a.m. and 5:00 p.m., via (1) regular mail, (2) express delivery service (e.g. UPS), or (3) hand delivery. If your bid is to be hand-delivered by messenger or you are planning to attend the formal bid opening, please note that only individuals with valid photo identification will be permitted access to the Port Authority's offices. Individuals without valid identification shall be turned away and their packages not accepted. Bids that are not received by the bid custodian by the scheduled bid opening date will be considered late.

3. Vendor Profile

To ensure maximum opportunities, it is vitally important that Bidders keep their vendor profiles up to date with an appropriate e-mail address, as this will enable their firm to receive timely notice of advertisements, reminders, solicitations and addenda. Bidders may update their vendor profile or register as a Port Authority Vendor by accessing the online registration system at https://panynjprocure.com/VenLogon.asp.

4. Acknowledgment of Addenda

If any Addenda are posted or sent as part of this Bid, the Bidder shall complete, sign and include with its Bid the addenda form(s). In the event any Bidder fails to conform to these instructions, its Bid will nevertheless be construed as though the Addenda had been acknowledged.

If the Bidder downloaded this solicitation document, it is the responsibility of the Bidder to periodically check the Port Authority website at http://www.panynj.gov/business-opportunities/bid-proposal-advertisements.html and download any addenda that might have been issued in connection with this solicitation.

5. Firm Offer

The Bidder offers to provide the Port Authority of New York and New Jersey the services and to perform all Work in connection therewith required under this Contract, all as specified by the terms and conditions of the Contract, based on the Pricing Sheets provided herein.

EXCEPTIONS TAKEN OR CONDITIONS IMPOSED BY A BIDDER TO ANY PORTION OF THE CONTRACT DOCUMENTS WILL RESULT IN REJECTION OF THE BID.

6. Acceptance or Rejection of Bids

The acceptance of a bid will be by a written notice signed by an authorized representative on behalf of the Authority. No other act of the Port Authority, its Commissioners, officers, agents or employees shall constitute acceptance of a bid. The Port Authority reserves the unqualified right, in its sole and absolute discretion, to reject any or all bids or to accept any bid, which in its judgment will best serve the

public interest and to waive defects in any bid. No rights accrue to any Bidder unless and until its bid is accepted.

7. Bidder's Questions

Any questions by prospective Bidders concerning the Work to be performed or the terms and conditions of the Contract may be addressed to the Contracts Specialist listed on the Cover Sheet of this document. The Contracts Specialist is only authorized to direct the attention of prospective Bidders to the portions of the Contract. No employee of the Port Authority is authorized to interpret any portion of the Contract or to give information in addition to that contained in the Contract. When Contract interpretation or additional information as to the Contract requirements is deemed necessary by the Port Authority, it will be communicated to all Bidders by written addenda issued under the name of the Manager, Purchasing Services Division of the Port Authority and may be posted on the Port Authority website. Addenda shall be considered part of the Contract.

8. Additional Information To and From Bidders

Should the Authority require additional information from the Bidder in connection with its bid, such information shall be submitted within the time frame specified by the Port Authority.

If the Bidder is a corporation, a statement of the names and residences of its officers should be submitted on the Name and Residence of Principals Sheet, directly following the Signature Sheet.

9. Union Jurisdiction

All prospective Bidders are advised to ascertain whether any union now represented or not represented at the Facility will claim jurisdiction over any aspect of the operations to be performed hereunder and their attention is directed to the paragraph entitled "Harmony" in the Standard Contract Terms and Conditions.

10. Assessment of Bid Requirements

The Bidder should carefully examine and study the entire contents of these bid documents and shall make its own determinations as to the services and materials to be supplied and all other things required to be done by the Contractor.

11. Bidder's Prerequisites

Only Bidders who can comply with the prerequisites specified in Part II hereof at the time of the submission of its bid should submit bids, as only bids submitted by such Bidders will be considered. By furnishing this document to the Bidder, the Port Authority has not made a determination that the Bidder has met the prerequisites or has otherwise been deemed qualified to perform the services. A determination that a

Bidder has met the prerequisites is no assurance that it will be deemed qualified in connection with other bid requirements included herein.

12. Qualification Information

The Port Authority may give oral or written notice to the Bidder to furnish the Port Authority with information and to meet with designated representatives of the Port Authority relating to the Bidder's qualifications and ability to fulfill the Contractor's obligations hereunder. The requested information shall be submitted no later than three (3) days after said notice unless otherwise indicated. Matters upon which the Port Authority may inquire may include, but may not be limited to, the following:

a. The Bidder may be required to demonstrate that it is financially capable of performing this Contract, and the determination of the Bidder's financial qualifications will be made by the Port Authority in its sole discretion. The Bidder shall submit such financial and other relevant information as may be required by the Port Authority from time to time including, but not limited to, the following:

1. (i) Certified financial statements, including applicable notes, reflecting the Bidder's assets, liabilities, net worth, revenues, expenses, profit or loss and cash flow for the most recent calendar year or the Bidder's most recent fiscal year.

   (ii) Where the certified financial statements set forth in (i) above are not available, then either reviewed or compiled statements from an independent accountant setting forth the aforementioned information shall be provided.

   (iii) Where neither certified financial statements nor financial statements from an independent accountant are available, as set forth in (i) and (ii) above, then financial statements containing such information prepared directly by the Bidder may be submitted; such financial statements, however, must be accompanied by a signed copy of the Bidder's most recent Federal income tax return and a statement in writing from the Bidder, signed by an executive officer or their authorized designee, that such statements accurately reflect the present financial condition of the Bidder.

Where the statements submitted pursuant to subparagraphs (i), (ii) or (iii) are dated prior to forty-five (45) days before the bid opening, then the Bidder shall submit a statement in writing, signed by an executive officer of the Bidder or their designee, that the present financial condition of the Bidder is at least as good as that shown on the statements submitted.

2. Bidder's statement of work on hand, including any work on which a bid has been submitted, and containing a description of the work, the annual dollar value, the location by city and state, the current percentage of completion, the expected date for completion, and the name of an individual most familiar with the Bidder's work on these jobs.

3. The name and address of the Bidder's banking institution, chief banking representative handling the Bidder's account, the Bidder's Federal Employer Identification Number (i.e., the number assigned to firms by the Federal Government for tax purposes), the Bidder's Dun and Bradstreet number, if any, the name of any other credit service to which the Bidder has furnished information, and the number, if any, assigned by such service to the Bidder's account.

b. Information relating to the Bidder's Prerequisites, if any, as set forth in this document.

c. If the Bidder is a corporation: (1) a copy of its Certificate of Incorporation and, if applicable, all Amendments thereto with a written declaration signed by the Secretary of the Corporation with the corporate seal affixed thereto, stating that the copy furnished is a true copy of the Certificate of Incorporation and any such Amendments as of the date of the opening of the bid and (2) if the Bidder is not incorporated under the laws of the state in which the service is to be performed, a certificate from the Secretary of State of said state evidencing the Bidder's legal qualification to do business in that state.

d. A statement setting forth the names of those personnel to be in overall charge of the service and those who would be exclusively assigned to supervise the service and their specific roles therein, setting forth as to each the number of years of experience and in which functions and capacities each would serve.

e. Information to supplement any statement submitted in accordance with the Standard Contract Terms and Conditions entitled "Contractor's Integrity Provisions."

f. In the event that the Bidder's performance on a current or past Port Authority or Port Authority Trans-Hudson Corporation (PATH) contract or contracts has been rated less than satisfactory, the Manager, Purchasing Services Division, may give oral or written notice to the Bidder to furnish information demonstrating to the satisfaction of such Manager that, notwithstanding such rating, such performance was in fact satisfactory or that the circumstances which gave rise to such unsatisfactory rating have changed or will not apply to performance of this Contract, and that such performance will be satisfactory.

g. The Bidder recognizes that it may be required to demonstrate to the satisfaction of the Port Authority that it in fact can perform the services as called for in this Contract and that it may be required to substantiate the warranties and representations set forth herein and the statements and assurances it may be required to give.

Neither the giving of any of the aforesaid notices to a Bidder, the submission of materials by a Bidder, any meeting which the Bidder may have with the Port Authority, nor anything stated by the Port Authority in any such meeting shall be construed or alleged to be construed as an acceptance of said Bidder's bid. Nothing stated in any such meeting shall be deemed to release any Bidder from its offer as contained in the bid.

13. Facility Inspection

Details regarding the Facility inspection for all parties interested in submitting a bid are stipulated in Part II hereof. All Bidders must present company identification and photo identification for access to the Facility.

14. Available Documents - General

Certain documents, listed in Part II hereof, will be made available for reference and examination by Bidders either at the Facility Inspection, or during regular business hours. Arrangements to review these documents at a time other than the Facility Inspection may be made by contacting the person listed in Part II as the contact for the Facility Inspection.

These documents were not prepared for the purpose of providing information for Bidders upon this Contract but they were prepared for other purposes, such as for other contracts or for design purposes for this or other contracts, and they do not form a part of this Contract. The Port Authority makes no representation or guarantee as to, and shall not be responsible for, their accuracy, completeness or pertinence, and, in addition, shall not be responsible for the inferences or conclusions to be drawn there from.

15. Pre-award Meeting

The lowest qualified Bidder may be called for a pre-award meeting prior to award of the Contract.

16. Price Preference

A price preference may be available for Minority/Women Business Enterprises (M/WBEs) or Small Business Enterprises (SBEs) as set forth in the Standard Contract Terms and Conditions.

17. M/WBE Subcontracting Provisions

The Port Authority has a long-standing practice of making its business opportunities available to Minority Business Enterprises (MBEs) and Women-Owned Businesses (WBEs) and has taken affirmative steps to encourage such firms to seek business opportunities with the Port Authority. The successful Bidder will use good faith efforts to provide for meaningful participation by the Port Authority certified M/WBEs as defined in this document, in the purchasing and subcontracting opportunities associated with this contract, including purchase of equipment, supplies and labor services.

Minority Business Enterprise (MBE) - shall mean a business entity which is at least 51% owned and controlled by one or more members of one or more minority groups, or, in the case of a publicly held corporation, at least 51% of the stock of which is owned by one or more minority groups, and whose management and daily business

operations are controlled by one or more such individuals who are citizens or permanent resident aliens.

"Minority Group" means any of the following racial or ethnic groups:

(a) Black persons having origins in any of the Black African racial groups not of Hispanic origin;

(b) Hispanic persons of Mexican, Puerto Rican, Dominican, Cuban, Central or South American culture or origin, regardless of race;

(c) Asian and Pacific Islander persons having origins in any of the original peoples of the Far East, Southeast Asia, The Indian Subcontinent, or the Pacific Islands;

(d) Native American or Alaskan native persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification.

Women-Owned Business Enterprise (WBE) - shall mean a business enterprise which is at least 51% owned by one or more women, or, in the case of a publicly held corporation, at least 51% of the stock of which is owned by one or more women and whose management and daily business operations are controlled by one or more women who are citizens or permanent or resident aliens.

Good faith efforts to include participation by M/WBEs shall include, but not be limited to the following:

1) Dividing the services and materials to be procured into small portions where feasible;
2) Giving reasonable advance notice of specific subcontracting and purchasing opportunities to such firms as may be appropriate;
3) Soliciting services and materials from M/WBEs, which are certified by the Port Authority;
4) Ensuring that provision is made for timely progress payments to the M/WBEs and;
5) Observance of reasonable commercial standards of fair dealing in the respective trade or business.

Bidders are directed to use form PA3749B as the recording mechanism for the M/WBE participation Plan, which may be downloaded at http://www.panynj.gov/business-opportunities/become-vendor.html

The M/WBE Plan submitted by the Contractor to the Port Authority shall contain, at a minimum, the following:

- Identification of M/WBE's: Provide the names and addresses of all M/WBEs included in the Plan. If none are identified, describe the process for selecting participant firms in order to achieve the good faith goals under this Contract.
- Level of Participation: Indicate the percentage of M/WBE participation expected to be achieved with the arrangement described in the Plan.
- Scope of Work: Describe the specific scope of work the M/WBE's will perform.
- Previous M/WBE Participation: Describe any previous or current M/WBE participation, which the Bidder has utilized in the performance of its contracts.

All M/WBE subcontractors listed on the M/WBE Participation Plan must be certified by the Port Authority in order for the Contractor to receive credit toward the M/WBE goals set forth in this Contract. Please go to www.panynj.gov/supplierdiversity to search for M/WBEs by a particular commodity or service. The Port Authority makes no representation as to the financial responsibility of such firms or their ability to perform Work under this Contract.

Bidders shall include their M/WBE Participation Plan with their Bids, to be reviewed and approved by the Authority's Office of Business Diversity and Civil Rights (OBDCR).

If the Contractor wishes to subcontract a portion of the Work through a firm not listed in the Directory, but which the Contractor believes should be eligible because it is (1) an M/WBE, as defined above and (2) competent to perform portions of the Work, the Contractor shall submit an M/WBE Uniform Certification Application to the Port Authority of New York and New Jersey, Office of Business Diversity and Civil Rights (OBDCR), 233 Park Avenue South, 4th Floor, New York, NY 10003. The application is available online at www.panynj.gov/supplierdiversity. In addition, to update your certification file and to advise OBDCR of changes to any information, please email these changes to OBJOcert@panynj.gov . Credit toward applicable goals will be granted only to Port Authority certified vendors. For more information about M/WBE Programs, call (212) 435-7819.

18. Certification of Recycled Materials

Bidders are requested to submit, with their bid, a written certification entitled "Certified Environmentally Preferable Products / Practices" attached hereto as "Attachment I-A", attesting that the products or items offered by the Bidder contain the minimum percentage of post-consumer recovered material in accordance with the most recent guidelines issued by the United States Environmental Protection Agency (EPA), or, for commodities not so covered, the minimum percentage of post-consumer recovered materials established by other applicable regulatory agencies. The data submitted by the Bidder in Attachment I-A is being solicited for informational purposes only.

Recycling Definitions:

For purposes of this solicitation, the following definitions shall apply:

a. Recovered Material" shall be defined as any waste material or by-product that has been recovered or diverted from solid waste, excluding those materials and by-products generated from, and commonly reused within, an original manufacturing process.

b. "Post-consumer Material" shall be defined as any material or finished product that has served its intended use and has been discarded for disposal or recovery having completed its life as a consumer item. "Post-consumer material" is included in the broader category of "Recovered Material".

c. "Pre-consumer Material" shall be defined as any material or by-product generated after the manufacture of a product but before the product reaches the consumer, such as damaged or obsolete products. Pre-consumer Material does not include mill and manufacturing trim, scrap, or broken material that is generated at a manufacturing site and commonly reused on-site in the same or another manufacturing process.

d. "Recycled Product" shall be defined as a product that contains the highest amount of post-consumer material practicable, or when post-consumer material is impracticable for a specific type of product, contains substantial amounts of Pre-consumer Material.

e. "Recyclable Product" shall be defined as the ability of a product and its packaging to be reused, reconditioned for use, or recycled through existing recycling collection programs.

f. "Waste Reducing Product" shall be defined as any product that will result in less waste generated due to its use rather than another product designed to serve the same function with an greater waste generation rate. This shall include, but not be limited to, those products that can be reused, refilled or have a longer life expectancy and contain a lesser amount of toxic constituents.

19. City Payroll Tax

Bidders should be aware of the payroll tax imposed by the:

a) City of Newark, New Jersey for services performed in Newark, New Jersey;

b) City of New York, New York for services performed in New York, New York; and

c) City of Yonkers, New York for services performed in Yonkers, New York.

These taxes, if applicable, are the sole responsibility of the Contractor. Bidders should consult their tax advisors as to the effect, if any, of these taxes. The Port Authority provides this notice for informational purposes only and is not responsible for either the imposition or administration of such taxes. The Port Authority exemption set forth in the Paragraph headed "Sales or Compensating Use Taxes", in the Standard Contract Terms and Conditions included herein, does not apply to these taxes.

20. Additional Bidder Information

Prospective Bidders are advised that additional vendor information, including but not limited to, forms, documents and other information, including protest procedures, may be found on the Port Authority website at: http://www.panynj.gov/business-opportunities/become-vendor.html

ATTACHMENT I A - Certified Environmentally Preferable Products/Practices

Bidder Name: _____Date: _____

In line with the Port Authority's efforts to promote products and practices which reduce our impact on the environment and human health, Bidders are encouraged to provide information regarding their environmentally preferable/sustainable business practices as they relate to this contract wherever possible. Bidders are requested to complete this form and submit it with their response, if appropriate. Bidders are requested to submit appropriate documentation to support the items for which the Bidder indicates a "Yes" and present this documentation, in the proper sequence of this Attachment.

1. Packaging

Has the Bidder implemented any of the following environmental initiatives? (A checkmark indicates "Yes")

____ Use of corrugated materials that exceed the required minimum EPA recommended post-consumer recycled content

____ Use of other packaging materials that contain recycled content and are recyclable in most local programs

____ Promotes waste prevention and source reduction by reducing the extent of the packaging and/or offering packaging take-back services, or shipping carton return

____ Reduces or eliminates materials which have been bleached with chlorine or chlorine derivatives

____ Eliminates any packaging that may contain polyvinyl chloride (PVC), or polystyrene or heavy metals.

If yes, a description of the practices being followed should be include with the submission.

2. Business Practices / Operations / Manufacturing

Does the Bidder engage in practices that serve to reduce or minimize an impact to the environment, including, but not necessarily limited to, the following items? (A checkmark indicates "Yes")

____ Recycles materials in the warehouse or other operations

____ Use of alternative fuel vehicles or vehicles equipped with diesel emission control devices for delivery or transportation purposes

____ Use of energy efficient office equipment or signage or the incorporation of green building design elements

____ Use of recycled paper (that meets federal specifications) in their marketing and/or resource materials

____ Other sustainable initiative

If yes, a description of the practices being followed should be included with the submission.

3. Training and Education

Does the Bidder conduct/offer a program to train or inform customers and employees of the environmental benefits of the products to be offered under this contract, and/or does the Bidder conduct environmental training of its own staff?

☐ Yes ☐ No If yes, Bidder shall attach a description of the training offered and the specific criteria targeted by the training.

4. Certifications

Has the Bidder or any of its manufacturers and/or subcontractors obtained any of the following product / industry certifications? (A checkmark indicates "Yes")

____ ISO 14000 or adopted some other equivalent environmental management system

____ Other industry environmental standards (where applicable), such as the CERES principles, LEED Certification, C2C Protocol, Responsible Care Codes of Practice or other similar standards

____ Third Party product certifications such as Green Seal, Scientific Certification Systems, Smartwood, etc.

If yes, Bidders should attach copies of the certificates obtained.

I hereby certify under penalty of law, the above statements are true and correct.

_____ _____Name _____Date

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PART II - CONTRACT SPECIFIC INFORMATION FOR BIDDERS

The following information may be referred to in other parts hereof, or further detailed in other parts hereof, if applicable.

1. **Service(s) Required**

   Routine and Emergency Maintenance of Intelligent Transportation Systems (ITS) including Variable Message Signs (VMS) and Video Image Detection Systems (VIDS) equipments, installation, repair and incidental construction.

2. **Location(s) Services Required**

   John F. Kennedy (JFK) International Airport, as more fully described in the definition of “Facility” in the Specifications.

3. **Expected Date of Commencement of Contract**

   On or about February 1, 2014.

4. **Contract Type**

   Unit price service contract.

5. **Duration of Contract**

   Three (3) years, expiring on or about January 31, 2017.

6. **Price Adjustment during Base Term (Index Based)**

   Not applicable.

7. **Option Period(s)**

   There shall be up to two (2), one-year option periods.

8. **Price Adjustment during Option Period(s) (Index Based)**

   Price adjustment during the Option Period(s) shall be pursuant to the clause entitled "Price Adjustment" in Part III hereof.

9. **Extension Period**

   Up to 120 days extension applicable.

10. **Facility Inspection**

    Date and Time: January 7, 2014 at 10:00am at JFK International Airport, Port Authority Administration Building #14.

    Please contact Peter Carbonaro at (917) 576-8282 or email pcarbona@panynj.gov to confirm attendance and/or receive travel directions.

11. **Specific Bidder’s Prerequisites**

    a. 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 maintenance,

installation, repair and incidental construction of Intelligent Transportation Systems (ITS) including Machine Vision Processors used for Video Image Detection Systems (VIDS) and Variable Message Sign (VMS) equipment and during that time shall have actually engaged in providing said or such services, including performing incidental construction work, to commercial or industrial accounts under Contract. The Bidder may fulfill this prerequisite if the Bidder can demonstrate to the satisfaction of the Port Authority that the persons or entities owning and controlling the Bidder have had a cumulative total of at least three (3) years of experience immediately prior to the date of the submission of its bid in the management and operation of a business actually engaged in providing these services to commercial or industrial accounts under Contract during that time, or have owned and controlled other entities which have actually engaged in providing the above described services during that time period.

b. During the time period stated in (a) above, the Bidder, or persons or entities owning and controlling the Bidder, shall have performed or be performing under at least one (1) Contract requiring similar services of similar scope to those required under this Contract.

c. The Bidder shall have had in its last fiscal year, or the last complete calendar year immediately preceding the opening of its bid, a minimum of eight hundred thousand dollars ($800,000) gross annual income from the type of services required under this Contract.

d. In the event a bid is submitted by a joint venture, the foregoing prerequisites will be considered with respect to such Bid as follows: The prerequisite in subparagraphs (a) and (b) above, will be considered satisfied if the joint venture itself, or any of its participants individually, can meet the requirements. The prerequisite in subparagraph (c) above, will be considered satisfied if the gross income of the joint venture itself meets the prerequisite or the gross income of the participants in the joint venture cumulatively meets the prerequisite.

A <u>common law joint venture</u> is one whereby two or more companies join together for the purposes of submitting a proposal and performing the services required under the Agreement; a "partnership" of two separate entities for the purpose of performing the required services. A <u>legal entity joint venture</u> is a joint venture company whereby the joint venture members have created a new legal entity, usually a corporation in which the joint venture members own all the stock.

<u>If the joint venture is a distinct legal entity</u> the name of the joint venture Proposer shall appear on the original proposal and wherever else the Proposer's name would appear pursuant to this Agreement.

If the Proposer is <u>a common law joint venture</u>, the names of all participants shall be listed followed by the words "acting jointly and severally". All joint venture Bidders must provide documentation of their legal status.

Proof that the above prerequisites are met should be submitted with the bid.

12. Bidder's Additional Submittal Requirements

a. The Contractor must be a New York City-licensed electrical Contractor. A copy of the Contractor's Master Electrician's license must be included with the bid documents. The Contractor shall have, at the time of submission of its bid, all licenses and permits necessary to perform the work in accordance with the Administrative Code Sections of the New York City Electrical Code with regard to electricians. All personnel assigned to this contract must have completed a five (5) year apprenticeship program registered with the State of New York.

13. Aids to Bidders

As an aid to bidders the following are attached:

- Attachment A: JFK – Existing For Maintenance VMS and VIDS
- Attachment B: ITS (VMS and VIDS) Certification Preventive Maintenance Checklist
- Attachment C: ITS Equipment (VMS and VIDS) Repair, Replacement and Modification Unit Cost Items
- Attachment D: JFK Airport VMS Equipment Not In Contract
- Attachment E: VMS Inventory and Status
- Attachment F: Operating and Maintenance Standards 20, Revised June 2010 - "Roadway Work Area Protection"
- Attachment G: VMS Location Plans

14. Background Screening

The Contractor awarded this contract may be required to have its staff, and any Subcontractor's staff working under this Contract, authorize the Authority or its designee to perform background checks. Such authorization shall be in a form acceptable to the Authority. The Contractor (and Subcontractor(s)) may also be required to use an organization designated by the Authority to perform the background checks. The cost for said background checks for staff that pass and are granted a credential shall be reimbursable to the Contractor (and its subcontractors) as an out-of-pocket expense. Staff that not granted a credential for any reason are not reimbursable.

As of January 29, 2007, the Secure Worker Access Consortium (S.W.A.C.) is the only Port Authority approved provider to be used to conduct background screening, except as otherwise required by federal law and/or regulation. Information about S.W.A.C., instructions, corporate enrollment, online applications, and location of processing centers can be found at http://www.secureworker.com, or S.W.A.C. may be contacted directly at (877)522-7922.

PART III – CONTRACT SPECIFIC TERMS AND CONDITIONS, TABLE OF CONTENTS

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PART III – CONTRACT SPECIFIC TERMS AND CONDITIONS

1. General Agreement

Subject to all of the terms and conditions of this Contract, the undersigned (hereinafter called the "Contractor") hereby offers and agrees to provide all the necessary supervision, personnel, equipment, materials and all other things necessary to perform the Work required by this Contract as specified in Part II, and fully set forth in the Specifications, at the location(s) listed in Part II and fully set forth in the Specifications, and do all other things necessary or proper therefor or incidental thereto, all in strict accordance with the provisions of the Contract Documents and any future changes therein; and the Contractor further agrees to assume and perform all other duties and obligations imposed upon it by this Contract.

In addition, all things not expressly mentioned in the Specifications but involved in the carrying out of their intent and in the complete and proper execution of the matters referred to in and required by this Contract are required by the Specifications, and the Contractor shall perform the same as though they were specifically delineated, described and mentioned therein.

2. Duration

a) The initial term of this Contract (hereinafter called the "Base Term") shall commence on or about the date specified in Part II hereof, on the specific date set forth in the Port Authority's written notice of bid acceptance (hereinafter called the "Commencement Date"), and unless otherwise terminated, revoked or extended in accordance with the provisions hereof, shall expire as specified in Part II hereof (hereinafter called the "Expiration Date").

b) If specified as applicable to this Contract and set forth in Part II hereof, the Port Authority shall have the right to extend this Contract for additional period(s) (hereinafter referred to as the "Option Period(s)") following the Expiration Date, upon the same terms and conditions subject only to adjustments of charges, if applicable to this Contract, as may be hereinafter provided in the paragraph entitled "Price Adjustments". If the Port Authority shall elect to exercise the Option(s) to extend this Contract, then, no later than thirty (30) days prior to the Expiration Date, the Port Authority shall send a notice that it is extending the Base Term of this Contract, and this Contract shall thereupon be extended for the applicable Option Period. If the Contract provides for more than one Option Period, the same procedure shall apply with regard to extending the term of this Contract for succeeding Option Periods.

c) Unless specified as not applicable to this Contract in Part II hereof, the Port Authority shall have the absolute right to extend the Base Term for an additional period of up to one hundred and twenty (120) days subsequent to the Expiration Date of the Base Term, or the Expiration Date of the final exercised Option Period (hereinafter called the "Extension Period"), subject to the same terms and conditions as the previous contract period. The prices quoted by the Contractor for the previous contract period shall remain in effect during this Extension

Period without adjustment. If it so elects to extend this Contract, the Port Authority will advise the Contractor, in writing, that the term is so extended, and stipulate the length of the extended term, at least thirty (30) days prior to the expiration date of the previous contract period.

3. Payment

Subject to the provisions of this Contract, the Port Authority agrees to pay to the Contractor and the Contractor agrees to accept from the Port Authority as full and complete consideration for the performance of all its obligations under this Contract and as sole compensation for the Work performed by the Contractor hereunder, a compensation calculated from the actual quantities of services performed and the respective prices inserted by the Contractor in the Pricing Sheet(s), forming a part of this Contract, exclusive of compensation under the clause hereof entitled "Extra Work". The manner of submission of all bills for payment to the Contractor by the Port Authority for Services rendered under this Contract shall be subject to the approval of the Manager in all respects, including, but not limited to, format, breakdown of items presented and verifying records. All computations made by the Contractor and all billing and billing procedures shall be done in conformance with the following procedures:

a) Payment shall be made in accordance with the prices for the applicable service (during the applicable Contract year) as they appear on the Pricing Sheet(s), as the same may be adjusted from time to time as specified herein, minus any deductions for services not performed and/or any liquidated damages to which the invoice may be subject and/or any adjustments as may be required pursuant to increases and decreases in areas or frequencies, if applicable. All Work must be completed within the time frames specified or as designated by the Manager.

b) The Contractor shall submit to the Manager by the fifth day of each month following the month of commencement of this Contract and on or by the fifth day of each month thereafter (including the month following the termination, revocation or expiration of this Contract) a complete and correct invoice for the Work performed during the preceding month accompanied by such information as may be required by the Manager for verification. The invoice must show the Contractor's Federal Tax Identification Number. Payment will be made within thirty (30) days of Port Authority verification of the invoice.

c) No certificate, payment, acceptance of any Work or any other act or omission of any representative of the Port Authority shall operate to release the Contractor from any obligation under or upon this Contract, or to estop the Port Authority from showing at any time that such certificate, payment, acceptance, act or omission was incorrect or to preclude the Port Authority from recovering any monies paid in excess of those lawfully due and any damage sustained by the Port Authority.

d) In the event an audit of received invoices should indicate that the correct sum due the Contractor for the relevant billing period is less than the amount actually paid by the Port Authority, the Contractor shall pay to the Port Authority the difference promptly upon receipt of the Port Authority's statement thereof. The

Port Authority may, however, in its discretion elect to deduct said sum or sums from any subsequent monthly payments payable to the Contractor hereunder.

"Final Payment", as the term is used throughout this Contract, shall mean the final payment made for services rendered in the last month of the Base Term or any extended term. However should this Contract be terminated for any reason prior to the last month of the Base Term or any extended term, then Final Payment shall be the payment made for services rendered in the month during which such termination becomes effective. The Contractor's acceptance of Final Payment shall act as a full and complete release to the Port Authority of all claims of and of all liability to the Contractor for all things done or furnished in connection with this Contract and for every act and neglect of the Port Authority and others relating to or arising out of this Contract, including claims arising out of breach of contract and claims based on claims of third persons. No payment, however, final or otherwise shall operate to release the Contractor from any obligations in connection with this Contract.

4. Price Adjustment

All Contract prices submitted by the Contractor and agreed to by the Port Authority shall be applicable to the three (3) years of the Base Term. For the Option Period(s) that are applicable to this Contract and are exercised hereunder, (excluding the one hundred twenty (120) day Extension Period as described in the paragraph entitled "Duration" in Part III, hereof) Port Authority shall adjust the amounts due the Contractor utilizing the Consumer Price Index for all Urban Consumers; Series Id: CUURA101SA0L2; Not Seasonally Adjusted; New York-Northern New Jersey-Long Island, NY-NJ-CT-PA area; all items less shelter; 1982-1984=100, published by the Bureau of Labor Statistics of the United States Department of Labor (hereinafter called the "Price Index").

For the first one (1) year Option Period, the Price Index shall be determined for the months of October 2015 and October 2016. The amounts payable in the third year of the Base Term shall be multiplied by a fraction the numerator of which is the Price Index for October 2016 and the denominator of which is the Price Index for October 2015. The resulting product shall be the amounts payable in the first Option Period.

For the second one (1) year Option Period, the Price Index shall be determined for the months of October 2016 and October 2017. The amounts payable in the first Option Period shall be multiplied by a fraction the numerator of which is the Price Index for October 2017 and the denominator of which is the Price Index for October 2016. The resulting product shall be the amounts payable in the second Option Period.

In the event of a change in the basis for the computation of the said Index or the discontinuance of the publication by the United States Department of Labor of the Price Index, such other appropriate index shall be substituted as may be agreed to by the parties hereto as properly reflecting changes in value of the current United States money in a manner similar to that established in the said Price Index. In the event of the failure of the parties to so agree, Port Authority may select and use such index, as it deems appropriate. Notwithstanding the provisions of this section, in no event shall any adjustment hereunder be greater than three (3%) percent per annum.

The amounts payable to the Contractor during the one hundred twenty (120) day Extension Period shall not be subject to adjustment.

If, after an adjustment referred to in this Section, the Index used for computing such adjustment shall be changed or adjusted, then the amounts payable to the Contractor for that period shall be recomputed. If such re-computation results in a smaller increase in the amount payable for such period, then after notification of the change or adjustment, the recomputed amounts shall be in effect and upon demand by Port Authority, the Contractor shall refund to Port Authority all excess amounts theretofore paid by Port Authority for such period.

5. Liquidated Damages

a) The Contractor's obligations for the performance and completion of the Work within the time or times provided for in this Contract are of the essence of this Contract. In the event that the Contractor fails to satisfactorily perform all or any part of the Work required hereunder in accordance with the requirements set forth in the Specifications (as the same may be modified in accordance with provisions set forth elsewhere herein) then, inasmuch as the damage and loss to the Port Authority for such failure to perform includes items of loss whose amount will be incapable or very difficult of accurate estimation, the damages for such failure to perform shall be liquidated as follows:

i) If the Contractor fails to provide the Manager with the approved certificates of insurance no less than fifteen (15) days prior to the expiration date of each policy as required hereunder, then the monthly payment payable hereunder shall be reduced by $50.00 for each day such certificates are past due.

ii) If the Contractor fails to provide the Manager with the written/electronic report required within twenty four (24) hours after each service visit then the monthly payment payable hereunder shall be reduced by $25.00 for each day such reports are past due.

iii) If the Contractor fails to perform the work outlined in Part V ("Specifications"), Section 3 ("Scope of Work") of this contract to the satisfaction of the Manager or only partly performs the work, then the monthly payment payable hereunder shall be reduced by $200.00 per each failure/partial performance.

iv) For work outlined in Part V ("Specifications"), Section 3(C) ("ITS Repair, Replacement and Modification") of this contract, for each hour beyond the time established by the Manager for the commencement of work up to a maximum of eight (8) hours, the monthly payment payable hereunder shall be reduced by $100.00 for each hour the Contractor is not present.

v) If the Contractor fails to have a required licensed electrician as specified in Part V ("Specifications"), Section 12 ("Presonnel Requirements") of this contract present at a service visit, then the monthly payment payable hereunder shall be

reduced by $100.00 per hour for each hour each licensed electrician(s) is not present.

b) The Manager shall determine whether the Contractor has performed in a satisfactory manner and the Manager's determination shall be final, binding and conclusive upon the Contractor.

c) Failure of the Manager or the Port Authority to impose liquidated damages shall not be deemed Port Authority acceptance of unsatisfactory performance or a failure to perform on the part of the Contractor or a waiver of its remedies hereunder.

6. Insurance

The Contractor shall take out, maintain, and pay the premiums on Commercial General Liability Insurance, including but not limited to premises-operations, products-completed operations, and independent contractors coverage, with contractual liability language covering the obligations assumed by the Contractor under this Contract and, if vehicles are to be used to carry out the performance of this Contract, then the Contractor shall also take out, maintain, and pay the premiums on Automobile Liability Insurance covering owned, non-owned, and hired autos in the following minimum limits:

Commercial General Liability Insurance - $ 2 million combined single limit per occurrence for bodily injury and property damage liability.

Automobile Liability Insurance - $2 million combined single limit per accident for bodily injury and property damage liability.

In addition, the liability policy (ies) shall name **The Port Authority of NY and NJ/ The City of New York** as additional insured, including but not limited to premise-operations, products-completed operations on the Commercial General Liability Policy. Moreover, the Commercial General Liability Policy shall not contain any provisions for exclusions from liability other than provisions for exclusion from liability forming part of the most up to date ISO form or its equivalent unendorsed Commercial General Liability Policy. The liability policy (ies) and certificate of insurance shall contain cross-liability language providing severability of interests so that coverage will respond as if separate policies were in force for each insured. These insurance requirements shall be in effect for the duration of the contract to include any warrantee/guarantee period.

The certificate of insurance and liability policy (ies) must contain the following endorsement for the above liability coverages:

"The insurer(s) shall not, without obtaining the express advance written permission from the General Counsel of the Port Authority, raise any defense involving in any way the jurisdiction of the Tribunal over the person of the Port Authority, the immunity of the Port Authority, its Commissioners, officers, agents or employees, the governmental nature of the Port Authority, or the provisions of any statues respecting suits against the Port Authority."

The Contractor shall also take out, maintain, and pay premiums on Workers' Compensation Insurance in accordance with the requirements of law in the state(s) where

work will take place, and Employer's Liability Insurance with limits of not less than $1 million each accident.

Each policy above shall contain a provision that the policy may not be canceled, terminated, or modified without thirty (30) days' prior written notice to the Port Authority of NY and NJ, Att: Facility Contract Administrator, at the location where the work will take place and to the General Manager, Risk Financing.

The Port Authority may at any time during the term of this agreement change or modify the limits and coverages of insurance. Should the modification or change results in an additional premium, The General Manager, Risk Financing for the Port Authority may consider such cost as an out-of-pocket expense.

Within five (5) days after the award of this agreement or contract and prior to the start of work, the Contractor must submit an original certificate of insurance, to the Port Authority of NY and NJ, Facility Contract Administrator, at the location where the work will take place. This certificate of insurance MUST show evidence of the above insurance policy (ies), stating the agreement/contract number prior to the start of work. The General Manager, Risk Financing must approve the certificate(s) of insurance before any work can begin. Upon request by the Port Authority, the Contractor shall furnish to the General Manager, Risk Financing, a certified copy of each policy, including the premiums.

If at any time the above liability insurance should be canceled, terminated, or modified so that the insurance is not in effect as above required, then, if the Manager shall so direct, the Contractor shall suspend performance of the contract at the premises. If the contract is so suspended, no extension of time shall be due on account thereof. If the contract is not suspended (whether or not because of omission of the Manager to order suspension), then the Authority may, at its option, obtain insurance affording coverage equal to the above required, the cost of such insurance to be payable by the Contractor to the Port Authority.

Renewal certificates of insurance or policies shall be delivered to the Facility Contractor Administrator, Port Authority at least fifteen (15) days prior to the expiration date of each expiring policy. The General Manager, Risk Financing must approve the renewal certificate(s) of insurance before work can resume on the facility. If at any time any of the certificates or policies shall become unsatisfactory to the Port Authority, the Contractor shall promptly obtain a new and satisfactory certificate and policy.

The requirements for insurance procured by the Contractor shall not in any way be construed as a limitation on the nature or extent of the contractual obligations assumed by the Contractor under this contract. The insurance requirements are not a representation by the Authority as to the adequacy of the insurance to protect the Contractor against the obligations imposed on them by law or by this or any other Contract. **[CITS #4345N].**

7. Increase or Decrease in Areas or Frequencies

The Manager shall have the right, at any time and from time to time in their sole discretion, to increase or decrease the frequencies of all or any part of the services required hereunder and/or to add areas not described herein in the Specifications or remove areas or parts of areas which are hereunder so described. In the event the

Manager decides to change any frequencies or areas such change shall be by not less than five (5) business days written notice, said changes to be effective upon the date specified in said notice.

Where no specific Unit Price has been quoted for the type of services to be increased or decreased, the Manager shall have the right to negotiate the compensation to reflect such change, whether an increase or decrease in areas or frequencies, which, in the opinion of the Manager, are necessary to complete the work, by multiplying the increased or decreased amount by the negotiated rate.

In the event of a decrease, the Contractor shall not be entitled to compensation for Work not performed.

No such change in areas or frequencies will be implemented which results in a total increase or decrease in compensation that is greater than 50% of the Total Estimated Contract Price for the Base Term or, if changes are to be implemented during an Option Period, 50% for that Option Period.

Any increases in frequencies or areas shall not constitute Extra Work and, as such, shall not be limited by the Extra Work provisions of this Contract.

8. Extra Work

The Contractor is required to provide separate materials, supplies, equipment and personnel for Extra Work when such is deemed necessary by the Manager. "Extra Work" as used herein shall be defined as work which differs from that expressly or impliedly required by the Specifications in their present form. Total Extra Work performed by the Contractor shall not exceed six percent (6%) of the Total Estimated Contract Price of this Contract for the entire Term of this Contract including extensions thereof, or six percent (6%) of the Total Estimated Contract Price of each Section if this Contract is awarded by separate Sections.

An increase in area or frequency does not constitute Extra Work, but shall be compensable based on the prices in the Pricing Sheet(s) and the paragraph herein titled "Increase or Decrease in Areas or Frequencies".

The Contractor is required to perform Extra Work pursuant to a written order of the Manager expressly recognizing such work as Extra Work. If Lump Sum or Unit Price compensation cannot be agreed upon by the parties in writing prior to the start of Work, the Contractor shall perform such Extra Work and the Contractor's compensation shall be increased by the sum of the following amounts and such amounts only: (1) the actual net cost, in money, of the labor, and material, required for such Extra Work; (2) ten percent (10%) of the amount under (1) above; (3) such rental as the Manager deems reasonable for plant and equipment (other than small tools) required for such Extra Work; (4) if the Extra Work is performed by a subcontractor, an additional five percent (5%) of the sum of the amounts under (1) through (3) above.

As used in this numbered clause (and in this clause only):

"Labor" means laborers, mechanics, and other employees below the rank of supervisor, directly employed at the Site of the Work subject to the Manager or his/her designee's authority to determine what employees of any category are "required for Extra Work" and as to the portion of their time allotted to Extra Work; and "cost of labor" means the wages actually paid to and received by such employees plus a proper proportion of (a) vacation allowances and union dues and assessments which the employer actually pays pursuant to contractual obligation upon the basis of such wages, and (b) taxes actually paid by the employer pursuant to law upon the basis of such wages and workers' compensation premiums paid pursuant to law. "Employees" as used above means only the employees of one employer.

"Net Cost" shall be the Contractor's actual cost after deducting all permitted cash and trade discounts, rebates, allowances, credits, sales taxes, commissions, and refunds (whether or not any or all of the same shall have been taken by the Contractor) of all parts and materials purchased by the Contractor solely for the use in performing its obligation hereunder provided, where such purchase has received the prior written approval of the Manager as required herein. The Contractor shall promptly furnish to the Manager such bills of sale and other instruments as the Manger may require, executed, acknowledged and delivered, assuring to the Manager title to such materials, supplies, equipment, parts, and tools free of encumbrances.

"Materials" means temporary and consumable materials as well as permanent materials; and "cost of materials" means the price (including taxes actually paid by the Contractor pursuant to law upon the basis of such materials) for which such materials are sold for cash by the manufacturers or producers thereof, or by regular dealers therein, whether or not such materials are purchased directly from the manufacturer, producer or dealer (or if the Contractor is the manufacturer or producer thereof, the reasonable cost to the Contractor of the manufacture and production), plus the reasonable cost of delivering such materials to the Site of the Work in the event that the price paid to the manufacturer, producer or dealer does not include delivery and in case of temporary materials, less their salvage value, if any.

The Manager shall have the authority to decide all questions in connection with the Extra Work. The exercise by the Manager of the powers and authorities vested in him/her by this section shall be binding and final upon the Port Authority and the Contractor.

The Contractor shall submit all reports, records and receipts as are requested by the Manager so as to enable him/her to ascertain the time expended in the performance of the Extra Work, the quantity of labor and materials used therein and the cost of said labor and materials to the Contractor.

Provisions relating generally to Work and its performance shall apply without exception to any Extra Work required and to the performance thereof. Moreover, the provisions of the Specifications relating generally to the Work and its performance shall also apply to any Extra Work required and to the performance thereof, except to the extent that a written order in connection with any particular item of Extra Work may expressly provide otherwise.

If the Contractor deems work to be Extra Work, the Contractor shall give written notice to the Manager within twenty-four (24) hours of performing the work that it so considers as Extra Work, and failure of the Contractor to provide said notice shall be

a waiver of any claim to an increase in compensation for such work and a conclusive and binding determination that it is not Extra Work.

The Contractor shall supply the amount of materials, supplies, equipment and personnel required by the Manager within five (5) business days following the receipt of written or oral notice from the Manager, or in the case of an emergency as determined by the Manager, within two (2) business days following the receipt by the Contractor of the Manager's written or oral notification. Where oral notification is provided hereunder, the Manager shall thereafter confirm the same in writing.

All Extra Work shall be billed to the Port Authority on a separate invoice on a monthly basis.

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)

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, as required 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”.

JFK PRICING SHEET - YEAR 1

Maintenance, Repair and Modification of Intelligent Transportation System (ITS) Equipment

JFK International Airport

Item Number	Unit of Measurement	Item of Work Description	Year 1 Quantity		Year 1 Unit Price		Estimated Contract Price Year 1 Total
A. TECHNICAL SUPPORT							
1		TECHNICAL SUPPORT BILLINGS FROM THIRD PARTY	$10,000	+		=	
		(estimated quantity x % mark up) Enter mark up percentage in unit price column					
B. PREVENTIVE MAINTENANCE ITEMS							
2	VMS 6-MONTH	CERTIFICATION AND PREVENTIVE MAINTENANCE	2	x		=	
3	VIDS 6-MONTH	CERTIFICATION AND PREVENTIVE MAINTENANCE	2	x		=	
4	EA	VMS SERVICE CALLS	12	x		=	
5	EA	VIDS SERVICE CALLS	3	x		=	
C. ITS REPAIR, REPLACEMENT AND MODIFICATION UNIT COST ITEMS							
M1	EA	VMS Controller, VFC-3000, NTCIP, P/N 0A-1248-0016	3	x		=	
M2	EA	VMS Display Module III; VAN-8X8-34-4A-30X30-20MA-P-B2, P/N 0A-1253-3018	4	x		=	
M3	EA	VMS CAN Distribution Board; CAN 1-10, 5V, COATED, CR1105, P/N 0P-1248-0005	1	x		=	
M4	EA	VMS CAN Distribution Board; CAN 1-5, 5V, COATED, CR1105, P/N 0P-1248-0007	1	x		=	
M5	EA	VMS CAN Distribution Board; CAN 1-10, 5V, COATED, CR1105, P/N 0P-1248-0011	1	x		=	
M6	EA	VMS CAN Temperature & Light Detector, P/N 0P-1247-0003	3	x		=	
M7	EA	VMS CAN Temperature & Light Detector, Coated with Bus Terminal, P/N 0P-1247-0002	1	x		=	
M8	EA	VMS Inactive CAN Temperature & Light Detector, P/N 0P-1247-0007	1	x		=	
M9	EA	VMS Switching Power Supply; +4 VOLT, 3AMP, P/N A-1467	3	x		=	
M10	EA	VMS Redundant Power Source, 9Vdc, coated, P/N PO - 1247 - 0025	2	x		=	
M11	EA	VMS CAN DC I/O, 24 input, 5V, coated, P/N OP - 1247 - 0009	2	x		=	
M12	EA	VMS Power Supply:12V Switching, 27A, 330 W, P/N A-1648	1	x		=	
M13	EA	AUTOSCOPE RACKVISION TERRA	2	x		=	
M14	EA	AUTOSOPE Interface Panel (AIP)	2	x		=	

JFK PRICING SHEET - YEAR 1

Maintenance, Repair and Modification of Intelligent Transportation System (ITS) Equipment

JFK International Airport

Item Number	Unit of Measurement	Item of Work Description	Year 1 Quantity		Year 1 Unit Price		Estimated Contract Price Year 1 Total
M15	EA	AUTOSCOPE Composite Sensor Cable	2	x		=	
M16	EA	AUTOSCOPE Image Sensor AIS Color Zoom	2	x		=	
MOT2	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY)	10	x		=	
MOT3	CALENDAR DAY	BACKUP VEHICLE WITH IMPACT ATTENUATOR	6	x		=	

TOTAL ESTIMATED FIRST YEAR CONTRACT PRICE $_____

JFK PRICING SHEET - YEAR 2

Maintenance, Repair and Modification of Intelligent Transportation System (ITS) Equipment

JFK International Airport

Item Number	Unit of Measurement	Item of Work Description	Year 2 Quantity		Year 2 Unit Price		Estimated Contract Price Year 2 *Total
A. TECHNICAL SUPPORT							
1		TECHNICAL SUPPORT BILLINGS FROM THIRD PARTY	$10,000	+		=	
		(estimated quantity x % mark up) Enter mark up percentage in unit price column					
B. PREVENTIVE MAINTENANCE ITEMS							
2	VMS 6-MONTH	CERTIFICATION AND PREVENTIVE MAINTENANCE	2	x		=	
3	VIDS 6-MONTH	CERTIFICATION AND PREVENTIVE MAINTENANCE	2	x		=	
4	EA	VMS SERVICE CALLS	10	x		=	
5	EA	VIDS SERVICE CALLS	4	x		=	
C. ITS REPAIR, REPLACEMENT AND MODIFICATION UNIT COST ITEMS							
M1	EA	VMS Controller, VFC-3000, NTCIP, P/N 0A-1248-0016	5	x		=	
M2	EA	VMS Display Module III; VAN-8X8-34-4A-30X30-20MA-P-B2, P/N 0A-1253-3018	4	x		=	
M3	EA	VMS CAN Distribution Board; CAN 1-10, 5V, COATED, CR1105, P/N 0P-1248-0005	3	x		=	
M4	EA	VMS CAN Distribution Board; CAN 1-5, 5V, COATED, CR1105, P/N 0P-1248-0007	2	x		=	
M5	EA	VMS CAN Distribution Board; CAN 1-10, 5V, COATED, CR1105, P/N 0P-1248-0011	1	x		=	
M6	EA	VMS CAN Temperature & Light Detector, P/N 0P-1247-0003	1	x		=	
M7	EA	VMS CAN Temperature & Light Detector, Coated with Bus Terminal, P/N 0P-1247-0002	2	x		=	
M8	EA	VMS Inactive CAN Temperature & Light Detector, P/N 0P-1247-0007	2	x		=	
M9	EA	VMS Switching Power Supply; +4 VOLT, 3AMP, P/N A-1467	2	x		=	
M10	EA	VMS Redundant Power Source, 9Vdc, coated, P/N PO - 1247 – 0025	1	x		=	
M11	EA	VMS CAN DC I/O, 24 input, 5V, coated, P/N OP - 1247 – 0009	2	x		=	
M12	EA	VMS Power Supply:12V Switching, 27A, 330 W, P/N A-1648	2	x		=	
M13	EA	AUTOSCOPE RACKVISION TERRA	2	x		=	

JFK PRICING SHEET - YEAR 2

Maintenance, Repair and Modification of Intelligent Transportation System (ITS) Equipment

JFK International Airport

Item Number	Unit of Measurement	Item of Work Description	Year 2 Quantity		Year 2 Unit Price		Estimated Contract Price Year 2 *Total
M14	EA	AUTOSOPE Interface Panel (AIP)	1	x		=	
M15	EA	AUTOSCOPE Composite Sensor Cable	1	x		=	
M16	EA	AUTOSCOPE Image Sensor AIS Color Zoom	1	x		=	
D. MAINTENANCE OF TRAFFIC ITEMS							
MOT2	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY)	8	x		=	
MOT3	CALENDAR DAY	BACKUP VEHICLE WITH IMPACT ATTENUATOR	6	x		=	

TOTAL ESTIMATED SECOND YEAR CONTRACT PRICE $_____

JFK PRICING SHEET - YEAR 3

Maintenance, Repair and Modification of Intelligent Transportation System (ITS) Equipment

JFK International Airport

Item Number	Unit of Measurement	Item of Work Description	Year 3 Quantity		Year 3 Unit Price		Estimated Contract Price Year 3 *Total
A. TECHNICAL SUPPORT							
1		TECHNICAL SUPPORT BILLINGS FROM THIRD PARTY	$10,000	+		=	
		(estimated quantity x % mark up) Enter mark up percentage in unit price column					
B. PREVENTIVE MAINTENANCE ITEMS							
2	VMS 6-MONTH	CERTIFICATION AND PREVENTIVE MAINTENANCE	2	x		=	
3	VIDS 6-MONTH	CERTIFICATION AND PREVENTIVE MAINTENANCE	2	x		=	
4	EA	VMS SERVICE CALLS	11	x		=	
5	EA	VIDS SERVICE CALLS	4	x		=	
C. ITS REPAIR, REPLACEMENT AND MODIFICATION UNIT COST ITEMS							
M1	EA	VMS Controller, VFC-3000, NTCIP, P/N 0A-1248-0016	2	x		=	
M2	EA	VMS Display Module III; VAN-8X8-34-4A-30X30-20MA-P-B2, P/N 0A-1253-3018	3	x		=	
M3	EA	VMS CAN Distribution Board; CAN 1-10, 5V, COATED, CR1105, P/N 0P-1248-0005	2	x		=	
M4	EA	VMS CAN Distribution Board; CAN 1-5, 5V, COATED, CR1105, P/N 0P-1248-0007	2	x		=	
M5	EA	VMS CAN Distribution Board; CAN 1-10, 5V, COATED, CR1105, P/N 0P-1248-0011	3	x		=	
M6	EA	VMS CAN Temperature & Light Detector, P/N 0P-1247-0003	2	x		=	
M7	EA	VMS CAN Temperature & Light Detector, Coated with Bus Terminal, P/N 0P-1247-0002	2	x		=	
M8	EA	VMS Inactive CAN Temperature & Light Detector, P/N 0P-1247-0007	2	x		=	
M9	EA	VMS Switching Power Supply; +4 VOLT, 3AMP, P/N A-1467	2	x		=	
M10	EA	VMS Redundant Power Source, 9Vdc, coated, P/N PO - 1247 – 0025	2	x		=	
M11	EA	VMS CAN DC I/O, 24 input, 5V, coated, P/N OP - 1247 – 0009	3	x		=	
M12	EA	VMS Power Supply:12V Switching, 27A, 330 W, P/N A-1648	2	x		=	
M13	EA	AUTOSCOPE RACKVISION TERRA	2	x		=	

JFK PRICING SHEET - YEAR 3

Maintenance, Repair and Modification of Intelligent Transportation System (ITS) Equipment

JFK International Airport

Item Number	Unit of Measurement	Item of Work Description	Year 3 Quantity		Year 3 Unit Price		Estimated Contract Price Year 3 *Total
M14	EA	AUTOSOPE Interface Panel (AIP)	1	x		=	
M15	EA	AUTOSCOPE Composite Sensor Cable	1	x		=	
M16	EA	AUTOSCOPE Image Sensor AIS Color Zoom	1	x		=	
D. MAINTENANCE OF TRAFFIC ITEMS							
MOT2	CALENDAR DAY	LANE CLOSURES (PER CALENDAR DAY)	6	x		=	
MOT3	CALENDAR DAY	BACKUP VEHICLE WITH IMPACT ATTENUATOR	6	x		=	

TOTAL ESTIMATED THIRD YEAR CONTRACT PRICE $_____

PRICE SUMMARY

TOTAL ESTIMATED FIRST YEAR CONTRACT PRICE **$_____**

TOTAL ESTIMATED SECOND YEAR CONTRACT PRICE **$_____**

TOTAL ESTIMATED THIRD YEAR CONTRACT PRICE **$_____**

TOTAL ESTIMATED THREE-YEAR CONTRACT PRICE **$_____**

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PART V – SPECIFICATIONS

1. Specific Definitions

To avoid undue repetition, the following terms, as used in this Contract, shall be construed as follows:

"Facility" shall mean various locations at John F. Kennedy International Airport as described in detail herein.

"Manager" shall mean the Manager, Airport Operations, JFK International Airport.

"Non-emergency" shall mean work scheduled during normal work hours.

"PANYNJ" shall mean The Port Authority of New York and New Jersey.

2. Work Required by the Specifications

These Specifications relate generally to the performance of Intelligent Transportation Systems (ITS) field equipment maintenance, repair and modifications, including performing incidental construction involving drilling and tapping of existing attachment hardware or replacement hardware as may be required to install replacement equipment.

This equipment specifically includes Variable Message Signs (VMS) and Video Image Detection System (VIDS) field equipments. Certification preventive maintenance work shall be performed on a scheduled basis as noted in Part IV, Section 3, Pricing Sheets and as directed by the Manager.

The Specifications require performance of all things necessary and incidental to the matters referred to in the preceding paragraph. In addition, the Contractor shall perform, as though they were specifically delineated, described and mentioned, all things not expressly mentioned in these Specifications but involved in carrying out of their intent and in the performance required in this Section 2.

3. Scope of Work

The Contractor shall provide three types of services: (1) Technical Support, (2) Certification and Preventive Maintenance and (3) Repair, Replacement and Modification Service as described below.

A) Technical Support - This task shall serve as a means for the Manager to procure specialty equipment technical support services, and all associated materials, on an as required basis. When authorized by the Manager, the Port Authority will order support services from an appropriate third party vendor and will notify the Contractor regarding the order. Payment for authorized services will be billed to this contract and will be reimbursed based upon actual billings plus the percentage markup included on the price sheets and accepted by the Port Authority for Item 1, Technical Support. The Contractor will be required to provide only administrative services under this task.

B) Certification and Preventive Maintenance - Work under this task includes the performance of preventive maintenance tasks on a recurring basis. The work will be scheduled at the start of the Contract and when authorized by the Manager. The

Contractor shall perform an inspection of all project field equipment locations to ensure the integrity of the operation of all VMS and VIDS equipments. Certification shall be performed twice per contract year.

See Attachment A for a listing of the initial sixty six (66) VMS and four (4) VIDS field equipment locations that are included in this Contract. The number of VMS and VIDS field equipment locations included in this Contract may be increased or decreased as directed, in writing, by the Port Authority.

The work will be as detailed in Attachment B. See Section 12 (Personnel Requirements) for specific experience requirements. For Items B2 and B3 this work will be measured and paid for as the complete inspection of all equipment at sites listed in Attachment A; and for Items B4 and B5 (Service Calls) this work will be measured and paid for as the complete inspection on a per site basis. Peak hour lane closure restrictions may apply for this task; however, this work will be scheduled during the daytime on non-holiday weekdays.

C) **Repair, Replacement and Modification (Items M1 to M16, MOT1 to MOT3) -** The work under this task involves non-emergency repairs and replacement and modifications to existing VMS and VIDS field equipment installations, in accordance with the specifications included herein, drawings, details, specifications or as per the manufacturer's requirements on a per-case basis. Modifications may be required as obsolete equipment assemblies require replacement with newer equipment.

Work under items A, B and C above involves furnishing all labor, material and equipment for the repair, replacement, installation, modification and/or removal of ITS equipment at various Facility locations. This ITS work directed by the Port Authority will be paid in accordance with the unit prices bid for the various items included in this contract. The work shall utilize the various Contract items. Peak hour lane closure restrictions may apply for this task; however, this work will be scheduled during the daytime on non-holiday weekdays.

All material furnished and installed shall be in accordance with the bid items, shall be new and shall meet or exceed National Electrical Manufacturers Association, Institute of Traffic Engineers, National Electric Code requirements and the Port Authority's current Standard Specifications, supplemental specifications (if available) and details (if available) that have been referenced. The Port Authority reserves the right to reject any parts, equipment or materials which do not comply with the above stated standards or manufacturer's requirements.

The Contractor shall submit shop drawings on all material to be furnished and installed under this item unless otherwise directed by the Port Authority.

4. Space Provided to the Contractor

The Port Authority will furnish the Contractor with space for the storage of equipment, supplies and tools related to the performance of this contract. Said space shall be designated by the Facility Manager and may be changed at any time at his discretion. This space is to be kept locked at all times.

The Port Authority, by its officers, employees, and representatives, shall have the right at any time to enter the space so provided to the Contractor, to inspect the same, to observe the performance by the Contractor of his obligations under this Contract, and to do any act or thing which the Port Authority may be obligated or have the right to do under this Contract or otherwise. Without limiting the generality of the foregoing, the Port Authority shall have the right for its own benefit or for the benefit of others at the Site of the Work, to maintain existing and future utility systems or portions thereof in the space provided to the Contractor hereunder and to enter upon such space at any time to make such repairs, replacements, additions or alterations to such systems as may, in the opinion of the Port Authority be deemed necessary or advisable.

5. Communications

The Contractor shall provide the Port Authority with a landline phone number and a 24-hour cellular telephone service number.

The Contractor shall notify the JFK Landside Duty Supervisor when he is on the facility for Certification and Preventive Maintenance or ITS Modification Work. The Contractor shall also notify the JFK Landside Duty Supervisor when leaving the facility.

6. Work, Labor and Materials Deemed Included

Unless otherwise specified herein, the work to be performed under this Contract includes furnishing all transportation, labor, materials, signs, equipment, tools, and appurtenances required to perform the work in accordance with the terms and conditions of the Contract.

7. Number of VMS and VIDS Equipment Locations

The number, type and location of each VMS Sign Board, VMS Controller Cabinet, VIDS Camera Sensor and VIDS Controller Cabinet to be maintained shall be those listed in Attachment A and as updated by letter from the Port Authority during the life of the Contract.

8. Work Authorization and Coordination

VMS and VIDS Repair, Replacement and Modification work shall be undertaken by the Contractor only when it has been authorized, in writing, via a letter of authorization by the Port Authority. Each Letter of Authorization issued by the Port Authority shall serve as a formal notice to proceed and will include an effective date of completion for the specified work. Authorization letters may be transmitted via e-mail at the discretion of the Port Authority.

The Contractor shall coordinate all work activities with the Manager or his/her designee.

The Contractor shall submit a schedule upon award of the contract for the Certification and Preventive Maintenance work specified. Upon written approval by the Port Authority, the Contractor may proceed within the schedule. The Contractor shall notify the Port Authority

if there will be changes in the schedule, implementation of which shall be subject to the approval of the Manager or his/her designee.

The Contractor shall accommodate rescheduling of work due to work being performed by others or by other events at the discretion of the Port Authority.

9. Lane Closure Restrictions

Peak hour lane closure restrictions may apply for Certification and Preventive Maintenance and ITS Modification work; however, this work will be scheduled by the Contractor during daylight hours on non-holiday weekdays. All closures shall be coordinated with the Facility Manager and a minimum of seven calendar days advance notice shall be provided by the Contractor for all anticipated closures. The Port Authority will establish specific closure limitations**.**

10. Salvaged Equipment

The Port Authority shall retain ownership of useful salvaged ITS equipment. The Contractor shall deliver components to a Port Authority designated site at the Facility as directed by the Manager.

11. General Requirements

The work of this Contract comprises furnishing, installing, repairing, replacing, modifying and removing ITS field equipment for the purpose of modifying or repairing VMS control and display board equipment or VIDS equipment.

The Port Authority will issue letters of authorization that will specify unit cost work tasks, time of completion provisions and, if necessary, peak hour work restrictions.

The Contractor will be paid based on the bid price of the unit cost items indicated on the pricing sheets. When a special material item is required and authorized, the Contractor will be paid in accordance with the extra work provisions included in this contract.

12. Personnel Requirements

The Contractor shall designate experienced ITS technicians to this Contract to perform the ITS maintenance tasks as described herein.

All personnel assigned to this Contract must have completed a five (5) year apprenticeship program registered with the State of New York. The Supervisor and electricians assigned to this Contract shall be electricians licensed by the City of New York. For the Supervisor, at least three (3) years supervisory experience working on roadways is required.
Technicians responsible for the VMS and VIDS field equipment shall be factory trained to service the equipment at the Facility, or shall have direct experience on the project equipment and have a minimum of two years verifiable field experience on identical field equipment in addition to the five (5) year apprenticeship.

Contractor shall ensure that all of Contractor's personnel shall comply with all security regulations and display ID at all times. Failure to comply will result in removal from the project.

13. Equipment Requirements

The Contractor's operations will require various vehicular, electronic and mechanical equipment, including test equipment, that shall be provided by the Contractor and which shall be made available as determined by the Port Authority to expeditiously resolve any situations arising during Certification and Preventive Maintenance. The costs to obtain and use all equipment that is required to complete the work specified shall be considered included in the bid price for the applicable Contract item and no separate payment will be made for this equipment.

All vehicles used in the performance of work in roadways shall be equipped with safety flashers, signs and safety equipment in accordance with the Contract provisions. In addition, all vehicle operators shall be equipped with cellular telephones to provide direct communications with the Contractor's dispatcher.

The Contractor shall furnish all tools, testing equipment and instruments necessary to perform the ITS services outlined in this Contract. There shall be no additional charge for this equipment, as its cost shall be considered included in the price bid for the various other items in the Contract.

In addition to the standard test equipment described above, the Contractor shall provide any and all additional test equipment, notebook computers and cables for use in accordance with Items M1 to M16, the devices listed below in paragraph 16. There shall be no additional charge for this equipment, as its cost shall be considered included in the price bid for Items M1 to M16.

14. Maintenance of Traffic

The Contractor shall furnish, install and maintain all required Maintenance of Traffic (MOT) equipment in accordance with this Contract and as directed by the Port Authority.

The Contractor shall be required to strictly adhere to PANYNJ Operations & Maintenance Standard 20 for typical roadway work area protection procedures (see Attachment "F").

For work areas that require site-specific Maintenance of Traffic (MOT) plans, these will be provided by the Port Authority in conjunction with letters of authorization that are issued when requested by the Contractor. The Contractor shall at all times conduct its operations to ensure the convenience of all travelers and abutting property owners and their safety as well as the safety of its own employees. Such conduct shall include, but not be limited to, ensuring that all materials and equipment are removed from the work site during non-working hours, or are protected in such manner that they shall not constitute a hazard.

Payment for MOT work performed in accordance with Service Calls B4 and B5 and for the requirements specified in "Repair, Replacement and Modification Unit Cost Items", will be made on a unit cost basis for work ordered by the Port Authority and successfully completed by the Contractor. Payment for MOT work required in conjunction with "Certification and Preventive Maintenance" shall be included in the price bid for Items B2 and B3. No separate payment will be made for MOT associated with Certification and Preventive Maintenance.

Peak period lane closures may be restricted based upon prevailing traffic conditions.

A) ITEM MOT1 INTERSECTION LANE CLOSURES PER APPROACH

This Item shall include all work required to establish, maintain and remove lane closures on a single approach in accordance with the provisions of Port Authority "O&M Standard 20" (Attachment F) and as ordered by the Manager. Multiple or sequential lane closures on the same approach may be required to support construction operations.

Work performed under this Item shall be measured as the number of approaches where lane closures are installed, maintained and removed in accordance with PANYNJ Specifications and Details. Approaches that require multiple or sequential lane closures will be measured as one approach.

B) ITEM MOT2 INTERSECTION LANE CLOSURES PER CALENDAR DAY

This Item shall include all work required to establish, maintain and remove lane closures during a single calendar day (one eight hour work period) in accordance with the provisions of Port Authority "O&M Standard 20" (Attachment F) and as ordered by the Manager. Multiple or sequential lane closures may be required to support construction operations; however, the required lane closures will involve only one intersection at any given time during the calendar day.

Work performed under this Item shall be measured as the number of calendar days (eight hour work periods) during which lane closures are installed, maintained and removed in accordance with PANYNJ Specifications and Details.

C) ITEM MOT3 BACKUP VEHICLE WITH IMPACT ATTENUATOR

This Item shall include all work required to furnish, maintain and remove back-up vehicles with impact attenuators in accordance with the provisions of Port Authority "O&M Standard 20" (Attachment F) and as ordered by the Manager.

Work performed under this Item shall be measured as the number of back-up vehicles with impact attenuators that are installed, maintained and removed in accordance with PANYNJ Specifications and Details for up to a single calendar day. Use of back-up vehicles with impact attenuators that are utilized to support multiple lane closures in a single day will not result in additional payment.

15. Project Records

The Contractor shall maintain complete and accurate project records, in hard copy and electronic file format, acceptable to and approved by the Port Authority, of all maintenance, repair and modification activities and any other events relating to the Contract.

All of the project records, files and equipment shall be owned by the Port Authority and shall be delivered to the Port Authority with submittal of the final invoice by the Contractor. The Port Authority will not render final payment until all conditions of the Contract have been met.

The Contractor shall keep and maintain records of all maintenance operations performed throughout the life of this Contract.

16. Devices

A) ITEM M1 VMS Controller, VFC-3000, NTCIP, P/N 0A-1248-0016
B) ITEM M2 VMS Display Module III; VAN-8X8-34-4A-30X30-20MA-P-B2, P/N 0A-1253- 3018
C) ITEM M3 VMS CAN Distribution Board; CAN 1-10, 5V, Coated, CR1105, P/N 0P-1248- 0005
D) ITEM M4 VMS CAN Distribution Board; CAN 1-5, 5V, Coated, CR1105, P/N 0P-1248-0007
E) ITEM M5 VMS CAN Distribution Board; CAN 1-10, 5V, Coated, CR1105, P/N 0P-1248-0011
F) ITEM M6 VMS CAN Temperature & Light Detector, P/N 0P-1247-0003
G) ITEM M7 VMS CAN Temperature & Light Detector, Coated with Bus Terminal, P/N 0P-1247-0002
H) ITEM M8 VMS Inactive CAN Temperature & Light Detector, P/N 0P-1247-0007
I) ITEM M9 VMS Switching Power Supply; +4 VOLT, 3AMP, P/N A-1467
J) ITEM M10 VMS Redundant Power Source, 9 Vdc, coated, P/N OP-1247-0025
K) ITEM M11 VMS CAN DC I/O, 24 Input, 5V, coated, P/N OP-1247-0009
L) ITEM M12 VMS Power Supply; 12 V Switching, 27A, 330W, P/N A-1648
M) ITEM M13 ECONOLITE AUTOSCOPE RPU RACKVISION TERRA
N) ITEM M14 ECONOLITE AUTOSCOPE Interface Panel (AIP)
O) ITEM M15 ECONOLITE AUTOSCOPE Composite Sensor Cable
P) ITEM M16 ECONOLITE AUTOSCOPE Image Sensor AIS Color Zoom

Description

Items M1 through M12 shall include all labor and materials to replace or repair each item, including the Variable Message Sign (VMS) Controller, power supply and associated VMS equipment for Sign Boards of various sizes, display lines and number of display characters. All materials shall be manufactured by Daktronics including sign boards, control equipment, display modules, power supplies and other materials listed in M1-M12 and in accordance with applicable specifications and details or manufacturer's requirements. Work performed under these Items shall be measured as the number of complete VMS repair or replacement items (Items M1-M12); and each item shall be measured as the number of individual units (Items M1-M12) as required to complete the repair and that are installed as directed and in accordance with applicable specifications and details or manufacturer's requirements.

Items M13 through M16 shall include all labor, materials, equipment and all other things necessary as required to repair, replace, modify and install the Video Image Detection System (VIDS) for all lanes in each vehicle flow direction as required, including associated mounting brackets, the Machine Vision Processor (MVP) with dual video input capability, a shelf mounted rack, a power supply and all required video, control and power cables necessary to install a fully functional video image detection system. The Contractor shall repair and configure the VIDS as required for each roadway cabinet detection site in accordance with applicable specifications and details or manufacturer' requirements. All materials shall be in accordance with the applicable specifications and details or manufacturer's requirements. The VIDS equipment shall be manufactured by Econolite under a license agreement provided by Image Sensing Systems (ISS). The VIDS equipment shall include the MVP manufactured by Econolite as Autoscope Rack Vision, Rack Vision TERRA, the Autoscope Interface Panel (AIP) the Autoscope Image Sensor (AIS) Color Zoom camera type sensors and the Autoscope Composite Interface cable for connecting the AIP to the AIS. All necessary brackets, hardware cables and miscellaneous components required shall be furnished and installed strictly in accordance with the manufacturer's recommendations. Work performed under these Items shall be measured as the number of complete VIDS or individual items (M13-M16) that are installed and configured as described herein.

Perform drilling and tapping of existing attachment hardware or replacement hardware as may be required to install replacement equipment. For Maintenance purposes the Contractor will be required to repair or replace only Items M1-M16 as necessary.

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STANDARD CONTRACT TERMS AND CONDITIONS

PART I GENERAL DEFINITIONS

To avoid undue repetition, the following terms, as used in this Agreement, shall be construed as follows:

Authority or Port Authority - shall mean the Port Authority of New York and New Jersey.

Contract, Document or Agreement - shall mean the writings setting forth the scope, terms, conditions and Specifications for the procurement of Goods and/or Services, as defined hereunder and shall include, but not be limited to: Invitation for Bid (IFB), Request for Quotation (RFQ), Request for Proposal (RFP), Purchase Order (PO), Cover Sheet, executed Signature Sheet, AND PRICING SHEETS with Contract prices inserted," "STANDARD CONTRACT TERMS AND CONDITIONS," and, if included, attachments, endorsements, schedules, exhibits, or drawings, the Authority's acceptance and any written addenda issued over the name of the Authority's Manager, Purchasing Services Division.

Days or Calendar Days - shall mean consecutive calendar days, Saturdays, Sundays, and holidays, included.

Week - unless otherwise specified, shall mean seven (7) consecutive calendar days, Saturdays, Sundays, and holidays.

Month - unless otherwise specified, shall mean a calendar month.

Director - shall mean the Director of the Department which operates the facility of the Port Authority at which the services hereunder are to be performed, for the time being, or his/her successor in duties for the purpose of this Contract, acting personally or through one of his/her authorized representatives for the purpose of this Contract.

Manager - shall mean the Manager of the Facility for the time being or his successor in duties for the purpose of this Contract, acting personally or through his duly authorized representative for the purpose of this Contract.

No person shall be deemed a representative of the Director or Manager except to the extent specifically authorized in an express written notice to the Contractor signed by the Director or Manager, as the case may be. Further, no person shall be deemed a successor in duties of the Director unless the Contractor is so notified in writing signed by the Authority's Manager, Purchasing Services Division. No person shall be deemed a successor in duties of the Manager unless the Contractor is so notified in a writing signed by the Director.

Minority Business Enterprise (MBE) - shall mean a business entity which is at least 51% owned and controlled by one or more members of one or more minority groups, or, in the case of a publicly held corporation, at least 51% of the stock of which is owned by one or more minority groups, and whose management and daily business operations are controlled by one or more such individuals who are citizens or permanent resident aliens.

"Minority Group" means any of the following racial or ethnic groups:

(a) Black persons having origins in any of the Black African racial groups not of Hispanic origin;

(b) Hispanic persons of Mexican, Puerto Rican, Dominican, Cuban, Central or South American culture or origin, regardless of race;

(c) Asian and Pacific Islander persons having origins in any of the original peoples of the Far East,

Southeast Asia, The Indian Subcontinent, or the Pacific Islands;

(d) Native American or Alaskan native persons having origins in any of the original peoples of North
America and maintaining identifiable tribal affiliations through membership and participation or community identification.

Site of the Work - or words of similar import shall mean the Facility and all buildings and properties associated therewith as described in this Contract.

Small Business Enterprise (SBE) - The criteria for a Small Business Enterprise are:

- The principal place of business must be located in New York or New Jersey;
- The firm must have been in business for at least three years with activity;
- Average gross income limitations by industry as established by the Port Authority.

Subcontractor - shall mean anyone who performs work (other than or in addition to the furnishing of materials, plant or equipment) in connection with the services to be provided hereunder, directly or indirectly for or on behalf of the Contractor (and whether or not in privity of contract with the Contractor), but shall not include any person who furnished merely his own personal labor or his own personal services. "Subcontractor", however, shall exclude the Contractor or any subsidiary or parent of the Contractor or any person, firm or corporation which has a substantial interest in the Contractor or in which the Contractor or the parent or the subsidiary of the Contractor, or an officer or principal of the Contractor or of the parent of the subsidiary of the Contractor has a substantial interest, provided, however, that for the purpose of the clause hereof entitled "Assignments and Subcontracts" the exclusion in this paragraph shall not apply to anyone but the Contractor itself.

Women-Owned Business Enterprise (WBE) - shall mean a business enterprise which is at least 51% owned by one or more women, or, in the case of a publicly held corporation, at least 51% of the stock of which is owned by one or more women and whose management and daily business operations are controlled by one or more women who are citizens or permanent or resident aliens.

Work - shall mean all services, equipment and materials (including materials and equipment, if any, furnished by the Authority) and other facilities and all other things necessary or proper for, or incidental to the services to be performed or goods to be furnished in connection with the service to be provided hereunder.

PART II GENERAL PROVISIONS

1. Facility Rules and Regulations of The Port Authority

a. The Contractor shall observe and obey (and compel its officers, employees, guests, invitees, and those doing business with it, to observe and obey) the facility Rules and Regulations of the Port Authority now in effect, and such further reasonable Rules and Regulations which may from time to time during the term of this Agreement be promulgated by the Port Authority for reasons of safety, health, preservation of property or maintenance of a good and orderly appearance and efficient operation of the Facility. The Port Authority agrees that, except in case of emergency, it shall give notice to the Contractor of every Rule and Regulation hereafter adopted by it at least five days before the Contractor shall be required to comply therewith.
b. A copy of the facility Rules and Regulations of the Port Authority shall be available for review by the Contractor at the Office of the Secretary of the Port Authority.

2. Contractor Not An Agent

This Agreement does not constitute the Contractor the agent or representative of the Port Authority for any purpose whatsoever except as may be specifically provided in this Agreement. It is hereby specifically acknowledged and understood that the Contractor, in performing its services hereunder, is and shall be at all times an independent Contractor and the officers, agents and employees of the Contractor shall not be or be deemed to be agents, servants or employees of the Port Authority.

3. Contractor's Warranties

The Contractor represents and warrants:

a. That it is financially solvent, that it is experienced in and competent to perform the requirements of this Contract, that the facts stated or shown in any papers submitted or referred to in connection with the solicitation are true, and, if the Contractor be a corporation, that it is authorized to perform this Contract;
b. That it has carefully examined and analyzed the provisions and requirements of this Contract, and that from its own investigations it has satisfied itself as to the nature of all things needed for the performance of this Contract, the general and local conditions and all other matters which in any way affect this Contract or its performance, and that the time available to it for such examination, analysis, inspection and investigation was adequate;
c. That the Contract is feasible of performance in accordance with all its provisions and requirements and that it can and will perform it in strict accordance with such provisions and requirements;
d. That no Commissioner, officer, agent or employee of the Port Authority is personally interested directly or indirectly in this Contract or the compensation to be paid hereunder;
e. That, except only for those representations, statements or promises expressly contained in this Contract, no representation, statement or promise, oral or in writing, of any kind whatsoever by the Port Authority, its Commissioners, officers, agents, employees or consultants has induced the Contractor to enter into this Contract or has been relied upon by the Contractor, including any with reference to: (1) the meaning, correctness, suitability, or completeness of any provisions or requirements of this Contract; (2) the nature, quantity, quality or size of the materials, equipment, labor and other facilities needed for the performance of this Contract; (3) the general or local conditions which may in any way affect this Contract or its performance; (4) the price of the Contract; or (5) any other matters, whether similar to or different from those referred to in (1) through (4) immediately above, affecting or having any connection with this Contract, the bidding thereon, any discussions thereof, the performance thereof or those employed therein or connected or concerned therewith.

Moreover, the Contractor accepts the conditions at the Site of the Work as they may eventually be found to exist and warrants and represents that it can and will perform the Contract under such conditions and that all materials, equipment, labor and other facilities required because of any unforeseen conditions (physical or otherwise) shall be wholly at its own cost and expense, anything in this Contract to the contrary notwithstanding.

Nothing in the Specifications or any other part of the Contract is intended as or shall constitute a representation by the Port Authority as to the feasibility of performance of this Contract or any part thereof.

The Contractor further represents and warrants that it was given ample opportunity and time and by means of this paragraph was requested by the Port Authority to review thoroughly all documents forming this Contract prior to opening of Bids on this Contract in order that it might request inclusion in this Contract of any statement, representation, promise or provision which it desired or on which it wished to place reliance; that it did so review said documents, that either every such statement, representation, promise or provision has been included in this Contract or else, if omitted, that it expressly relinquishes the benefit of any such omitted statement, representation, promise or provision and is willing to perform this Contract without claiming reliance thereon or making any other claim on account of such omission.

The Contractor further recognizes that the provisions of this numbered clause (though not only such provisions) are essential to the Port Authority's consent to enter into this Contract and that without such provisions, the Authority would not have entered into this Contract.

4. Personal Non-Liability

Neither the Commissioners of the Port Authority nor any of them, nor any officer, agent or employee thereof, shall be charged personally by the Contractor with any liability, or held personally liable to the Contractor under any term or provision of this Agreement, or because of its execution or attempted execution, or because of any breach, or attempted or alleged breach, thereof.

5. Equal Employment Opportunity, Affirmative Action, Non-Discrimination

a. The Contractor is advised to ascertain and comply with all applicable federal, State and local statutes, ordinances, rules and regulations and, federal Executive Orders, pertaining to equal employment opportunity, affirmative action, and non-discrimination in employment.
b. Without limiting the generality of any other term or provision of this Contract, in the event of the Contractor's non-compliance with the equal opportunity and non-discrimination clause of this Contract, or with any of such statutes, ordinances, rules, regulations or Orders, this Contract may be cancelled, terminated or suspended in whole or in part.

6. Rights and Remedies of the Port Authority

The Port Authority shall have the following rights in the event the Contractor is deemed guilty of a breach of any term whatsoever of this Contract:

a. The right to take over and complete the Work or any part thereof as agent for and at the expense of the Contractor, either directly or through others.
b. The right to cancel this Contract as to any or all of the Work yet to be performed.
c. The right to specific performance, an injunction or any appropriate equitable remedy.
d. The right to money damages.

For the purpose of this Contract, breach shall include but not be limited to the following, whether or not the time has yet arrived for performance of an obligation under this Contract: a statement by the Contractor to any representative of the Port Authority indicating that the Contractor cannot or will not perform any one or more of its obligations under this Contract; any act or omission of the Contractor or any other occurrence which makes it improbable at the time that it will be able to perform any one or more of its obligations under this Contract; any suspension of or failure to proceed with any part of the Work by the Contractor which makes it improbable at the time that it will be able to perform any one or more of its obligations under this Contract.

The enumeration in this numbered clause or elsewhere in this Contract of specific rights and remedies of the Port Authority shall not be deemed to limit any other rights or remedies which the Authority would have in the absence of such enumeration; and no exercise by the Authority of any right or remedy shall operate as a waiver of any other of its rights or remedies not inconsistent therewith or to estop it from exercising such other rights or remedies.

7. Rights and Remedies of the Contractor

Inasmuch as the Contractor can be adequately compensated by money damages for any breach of this Contract which may be committed by the Port Authority, the Contractor expressly agrees that no default, act or omission of the Port Authority shall constitute a material breach of this Contract, entitling the Contractor to cancel or rescind this Contract or to suspend or abandon performance.

8. Submission To Jurisdiction

The Contractor hereby irrevocably submits itself to the jurisdiction of the Courts of the State of New York and New Jersey, in regard to any controversy arising out of, connected with, or in any way concerning this Contract.

The Contractor agrees that the service of process on the Contractor in relation to such jurisdiction may be made, at the option of the Port Authority, either by registered or certified mail addressed to it at the address of the Contractor indicated on the signature sheet, or by actual personal delivery to the Contractor, if the Contractor is an individual, to any partner if the Contractor be a partnership or to any officer, director or managing or general agent if the Contractor be a corporation.

Such service shall be deemed to be sufficient when jurisdiction would not lie because of the lack of basis to serve process in the manner otherwise provided by law. In any case, however, process may be served as stated above whether or not it might otherwise have been served in a different manner.

9. Harmony

a. The Contractor shall not employ any persons or use any labor, or use or have any equipment, or permit any condition to exist which shall or may cause or be conducive to any labor complaints, troubles, disputes or controversies at the Facility which interfere or are likely to interfere with the operation of the Port Authority or with the operations of lessees, licensees or other users of the Facility or with the operations of the Contractor under this Contract.

   The Contractor shall immediately give notice to the Port Authority (to be followed by written notices and reports) of any and all impending or existing labor complaints, troubles, disputes or controversies and the progress thereof. The Contractor shall use its best efforts to resolve any such complaint, trouble, dispute or controversy. If any type of strike, boycott, picketing, work stoppage, slowdown or other labor activity is directed against the Contractor at the Facility or against any operations of the Contractor under this Contract, whether or not caused by the employees of the Contractor, and if any of the foregoing, in the opinion of the Port Authority, results or is likely to result in any curtailment or diminution of the services to be performed hereunder or to interfere with or affect the operations of the Port Authority , or to interfere with or affect the operations of lessees, licensees, or other users of the Facility or in the event of any other cessation or stoppage of operations by the Contractor hereunder for any reason whatsoever, the Port Authority shall have the right at any time during the continuance thereof to suspend the operations of the Contractor under this Contract, and during the period of the suspension the Contractor shall not perform its services hereunder and the Port Authority shall have the right during said period to itself or by any third person or persons selected by it to perform said services of the Contractor using the equipment which is used by the Contractor in its operations hereunder as the Port Authority deems necessary and without cost to the Port Authority. During such time of suspension, the Contractor shall not be entitled to any compensation. Any flat fees, including management fees, shall be prorated. Prior to the exercise of such right by the Port Authority, it shall give the Contractor notice thereof, which notice may be oral. No exercise by the Port Authority of the rights granted to it in the above subparagraph shall be or be deemed to be a waiver of any rights of termination or revocation contained in this Contract or a waiver of any rights or remedies which may be available to the Port Authority under this Contract or otherwise.

b. During the time that the Contractor is performing the Contract, other persons may be engaged in other operations on or about the worksite including Facility operations, pedestrian, bus and vehicular traffic and other Contractors performing at the worksite, all of which shall remain uninterrupted.

   The Contractor shall so plan and conduct its operations as to work in harmony with others engaged at

the site and not to delay, endanger or interfere with the operation of others (whether or not specifically mentioned above), all to the best interests of the Port Authority and the public as may be directed by the Port Authority.

10. Claims of Third Persons

The Contractor undertakes to pay all claims lawfully made against it by subcontractors, suppliers and workers, and all claims lawfully made against it by other third persons arising out of or in connection with or because of the performance of this Contract and to cause all subcontractors to pay all such claims lawfully made against them.

11. No Third Party Rights

Nothing contained in this Contract is intended for the benefit of third persons, except to the extent that the Contract specifically provides otherwise by use of the words "benefit" or "direct right of action."

12. Provisions of Law Deemed Inserted

Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein and the Contract shall be read and enforced as though it were included therein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party, the Contract shall forthwith be physically amended to make such insertion.

13. Costs Assumed By The Contractor

It is expressly understood and agreed that all costs of the Contractor of whatever kind or nature and whether imposed directly upon the Contractor under the terms and provisions hereof or in any other manner whatsoever because of the requirements of the operation of the service or otherwise under this Agreement shall be borne by the Contractor or without compensation or reimbursement from the Port Authority, except as specifically set forth in this Agreement. The entire and complete cost and expense of the Contractor's services and operations hereunder shall be borne solely by the Contractor and under no circumstances shall the Port Authority be liable to any third party (including the Contractor's employees) for any such costs and expenses incurred by the Contractor and under no circumstances shall the Port Authority be liable to the Contractor for the same, except as specifically set forth in this Section.

14. Default, Revocation or Suspension of Contract

a. If one or more of the following events shall occur:

1. If fire or other cause shall destroy all or a substantial part of the Facility.

2. If any governmental agency shall condemn or take a temporary or permanent interest in all or a substantial part of the Facility, or all of a part of the Port Authority's interest herein;

then upon the occurrence of such event or at any time thereafter during the continuance thereof, the Port Authority shall have the right on twenty-four (24) hours written notice to the Contractor to revoke this Contract, such revocation to be effective upon the date and time specified in such notice.

In such event this Contract shall cease and expire on the effective date of revocation as if said date were the date of the expiration of this Contract. Such revocation shall not, however, relieve the Contractor of any liabilities or obligations hereunder which shall have accrued on or prior to the effective date of revocation.

b. If one or more of the following events shall occur:

1. The Contractor shall become insolvent, or shall take the benefit of any present or future insolvency statute, or shall make a general assignment for the benefit of creditors, or file a voluntary petition in bankruptcy or a petition or answer seeking an arrangement or its reorganization or the readjustment of its indebtedness under the federal bankruptcy laws or under any other law or statute of the United States or of any State thereof, or consent to the appointment of a receiver, trustee, or liquidator of all or substantially all its property; or
2. By order or decree of a court the Contractor shall be adjudged bankrupt or an order shall be made approving a petition filed by any of the creditors, or, if the Contractor is a corporation, by any of the stockholders of the Contractor, seeking its reorganization or the readjustment of its indebtedness under the federal bankruptcy laws or under any law or statute of the United States or of any State thereof; or
3. A petition under any part of the federal bankruptcy laws or an action under any present or future insolvency law or statute shall be filed against the Contractor and shall not be dismissed within thirty (30) days after the filing thereof; or
4. The interest of the Contractor under this Contract shall be transferred to, passed to or devolve upon, by operation of law or otherwise, any other person, firm or corporation, or
5. The Contractor, if a corporation, shall, without the prior written approval of the Port Authority, become a surviving or merged corporation in a merger, a constituent corporation in a consolidation, or a corporation in dissolution; or
6. If the Contractor is a partnership, and the said partnership shall be dissolved as the result of any act or omission of its copartners or any of them, or by operation of law or the order or decree of any court having jurisdiction, or for any other reason whatsoever; or
7. By or pursuant to, or under authority of any legislative act, resolution or rule, or any order or decree of any court or governmental board, agency or officer having jurisdiction, a receiver, trustee, or liquidator shall take possession or control of all or substantially all of the property of the Contractor and such possession or control of all or substantially all of the property of the Contractor and shall continue in effect for a period of fifteen (15) days;

then upon the occurrence of any such event or at any time thereafter during the continuance thereof, the Port Authority shall have the right upon five (5) days notice to the Contractor to terminate this Contract and the rights of the Contractor hereunder; termination to be effective upon the date and time specified in such notice as if said date were the date of the expiration of this Contract. Termination shall not relieve the Contractor of any liabilities or obligations hereunder which have accrued on or prior to the effective date of termination.

c. If any of the following shall occur:

1. The Contractor shall cease, abandon any part of the service, desert, stop or discontinue its services in the premises for any reason whatsoever and regardless of the fault of the Contractor; or

2. The Contractor shall fail to keep, perform and observe each and every other promise, covenant and agreement set forth in this Contract on its part to be kept, performed or observed, within five (5) days after receipt of notice of default thereunder from the Port Authority (except where fulfillment of its obligations requires activity over a greater period of time, and the Contractor shall have commenced to perform whatever may be required for fulfillment within five (5) days after receipt of notice and continues such performance without interruption except for causes beyond its control);

then upon the occurrence of any such event or during the continuance thereof, the Port Authority shall have the right on twenty four (24) hours notice to the Contractor to terminate this Contract and

the rights of the Contractor hereunder, termination to be effective upon the date and time specified in such notice. Termination shall not relieve the Contractor of any liabilities which shall have accrued on or prior to the effective date of termination.

d. If any of the events enumerated in this Section shall occur prior to commencement date of this Contract the Port Authority upon the occurrence of any such event or any time thereafter during the continuance thereof by twenty-four (24) hours notice may terminate or suspend this Contract and the rights of the Contractor hereunder, such termination or suspension to be effective upon the date specified in such notice.

e. No payment by the Port Authority of any monies to the Contractor for any period or periods after default of any of the terms, covenants or conditions hereof to be performed, kept and observed by the Contractor and no act or thing done or omitted to be done by the Port Authority shall be deemed to be a waiver of the right of the Port Authority to terminate this Contract or of any other right or remedies to which the Port Authority may be entitled because of any breach thereof. No waiver by the Port Authority of any default on the part of the Contractor in the performance of any of the terms, covenants and conditions hereof to be performed, kept or observed by the Contractor shall be or be construed to be a waiver by the Port Authority of any other subsequent default in the performance of any of the said terms, covenants and conditions.

f. In addition to all other rights of revocation or termination hereunder and notwithstanding any other provision of this Contract the Port Authority may terminate this Contract and the rights of the Contractor hereunder without cause at any time upon five (5) days written notice to the Contractor and in such event this Contract shall cease and expire on the date set forth in the notice of termination as fully and completely as though such dates were the original expiration date hereof and if such effective date of termination is other than the last day of the month, the amount of the compensation due to the Contractor from the Port Authority shall be prorated when applicable on a daily basis. Such cancellation shall be without prejudice to the rights and obligations of the parties arising out of portions already performed but no allowance shall be made for anticipated profits.

g. Any right of termination contained in this paragraph, shall be in addition to and not in lieu of any and all rights and remedies that the Port Authority shall have at law or in equity consequent upon the Contractor's breach of this Contract and shall be without prejudice to any and all such other rights and remedies. It is hereby specifically agreed and understood that the exercise by the Port Authority of any right of termination set forth in this paragraph shall not be or be deemed to be an exercise by the Port Authority of an election of remedies so as to preclude the Port Authority from any right to money damages it may have for the period prior to the effective date of termination to the original expiration date of the Contract, and this provision shall be deemed to survive the termination of this Contract as aforesaid.

h. If (1) the Contractor fails to perform any of its obligations under this Contract or any other agreement between the Port Authority and the Contractor (including its obligation to the Port Authority to pay any claim lawfully made against it by any supplier, subcontractor or worker or other person which arises out of or in connection with the performance of this Contract or any other agreement with the Port Authority) or (2) any claim (just or unjust) which arises out of or in connection with this Contract or any other agreement between the Port Authority and the Contractor is made against the Port Authority or (3) any subcontractor under this Contract or any other agreement between the Port Authority and the Contractor fails to pay any claims lawfully made against it by any supplier, subcontractor, worker or other third person which arises out of or in connection with this Contract or any other agreement between the Port Authority and the Contractor or if in the opinion of the Port Authority any of the aforesaid contingencies is likely to arise, then the Port Authority shall have the right, in its discretion, to withhold out of any payment (final or

otherwise) such sums as the Port Authority may deem ample to protect it against delay or loss or to assure the payment of just claims of third persons, and to apply such sums in such manner as the Port Authority may deem proper to secure such protection or satisfy such claims. All sums so applied shall be deducted from the Contractor's compensation. Omission by the Port Authority to withhold out of any payment, final or otherwise, a sum for any of the above contingencies, even though such contingency has occurred at the time of such payment, shall not be deemed to indicate that the Port Authority does not intend to exercise its right with respect to such contingency. Neither the above provisions for rights of the Port Authority to withhold and apply monies nor any exercise or attempted exercise of, or omission to exercise, such rights by the Port Authority shall create any obligation of any kind to such supplier, subcontractors, worker or other third persons. If, however, the payment of any amount due the Contractor shall be improperly delayed, the Port Authority shall pay the Contractor interest thereon at the rate of 6% per annum for the period of the delay, it being agreed that such interest shall be in lieu of and in liquidation of any damages to the Contractor because of such delay.

i. If the Port Authority has paid any sum or has incurred any obligation or expense which the Contractor has agreed to pay or reimburse the Port Authority, or if the Port Authority is required or elects to pay any sum or sums or incurs any obligations or expense by reason of the failure, neglect or refusal of the Contractor to perform or fulfill any one or more of the conditions, covenants, or agreements contained in this Contract, or as a result of an act of omission of the Contractor contrary to the said conditions, covenants and agreements, the Contractor shall pay to the Port Authority the sum or sums so paid or expense so incurred, including all interests, costs and damages, promptly upon the receipt of the Port Authority's statement therefore. The Port Authority may, however, in its discretion, elect to deduct said sum or sums from any payment payable by it to the Contractor.

j. If the Port Authority pays any installment to the Contractor without reducing said installment as provided in this Contract, it may reduce any succeeding installment by the proper amount, or it may bill the Contractor for the amount by which the installment paid should have been reduced and the Contractor shall pay to the Port Authority any such amount promptly upon receipt of the Port Authority's statement therefore.

k. The Port Authority shall also have the rights set forth above in the event the Contractor shall become insolvent or bankrupt or if his affairs are placed in the hands of a receiver, trustee or assignee for the benefit of creditors.

15. Sales or Compensating Use Taxes

Purchases of services and tangible personal property by the Port Authority in the States of New York and New Jersey are generally exempt from state and local sales and compensating use taxes, and from most federal excises (Taxes). Therefore, the Port Authority's purchase of the Contractor's services under this Contract is exempt from Taxes. Accordingly, the Contractor must not include Taxes in the price charged to the Port Authority for the Contractor's services under this Contract**.** The Contractor certifies that there are no such taxes included in the prices for this Contract. The Contractor shall retain a copy of this Contract to substantiate the exempt sale.

The compensation set forth in this Agreement is the complete compensation to the Contractor, and the Port Authority will not separately reimburse the Contractor for any taxes unless specifically set forth in this Agreement.

16. No Estoppel or Waiver

The Port Authority shall not be precluded or estopped by any payment, final or otherwise, issued or made under this Contract, from showing at any time the true amount and character of the services performed, or

from showing that any such payment is incorrect or was improperly issued or made; and the Port Authority shall not be precluded or estopped, notwithstanding any such payment, from recovering from the Contractor any damages which it may sustain by reason of any failure on its part to comply strictly with this Contract, and any moneys which may be paid to it or for its account in excess of those to which it is lawfully entitled.

No cancellation, rescission or annulment hereof, in whole or as to any part of the services to be provided hereunder, or because of any breach hereof, shall be deemed a waiver of any money damages to which the Port Authority may be entitled because of such breach. Moreover, no waiver by the Authority of any breach of this Contract shall be deemed to be a waiver of any other or any subsequent breach.

17. Records and Reports

The Contractor shall set up, keep and maintain (and shall cause its subcontractors to set up, keep and maintain) in accordance with generally accepted accounting practice during the term of this Agreement and any extensions thereof and for three years after the expiration, termination or revocation thereof, records, payroll records and books of account (including, but not limited to, records of original entry and daily forms, payroll runs, cancelled checks, time records, union agreements, contracts with health, pension and other third party benefit providers) recording all transactions of the Contractor(and its subcontractors), at, through or in any way connected with or related to the operations of the Contractor (and its subcontractors) hereunder, including but not limited to all matters relating to the charges payable to the Contractor hereunder, all wages and supplemental benefits paid or provided to or for its employees (and its subcontractors' employees) and such additional information as the Port Authority may from time to time and at any time require, and also including, if appropriate, recording the actual number of hours of service provided under the Contract, and keeping separate records thereof which records and books of account shall be kept at all times within the Port District. The Contractor shall permit (and cause its subcontractors to permit) in ordinary business hours during the term of this Agreement including any extensions thereof and for three years thereafter the examination and audit by the officers, employees and representatives of the Port Authority of such records and books of account and also any records and books of account of any company which is owned or controlled by the Contractor, or which owns or controls the Contractor if said company performs services similar to those performed by the Contractor anywhere in the Port District. However, if within the aforesaid three year period the Port Authority has notified the Contractor in writing of a pending claim by the Port Authority under or in connection with this Contract to which any of the aforesaid records and documents of the Contractor or of its subcontractors relate either directly or indirectly, then the period of such right of access shall be extended to the expiration of six years from the date of final payment with respect to the records and documents involved.

Upon request of the Port Authority, the Contractor shall furnish or provide access to the federal Form I-9 (Employment Eligibility Verification) for each individual performing work under this Contract. This includes citizens and noncitizens.

The Contractor (and its subcontractors) shall, at its own expense, install, maintain and use such equipment and devices for recording the labor hours of the service as shall be appropriate to its business and necessary or desirable to keep accurate records of the same and as the general manager or the Facility Manager may from time to time require, and the Contractor (and its subcontractors) shall at all reasonable times allow inspection by the agents and employees of the Port Authority of all such equipment or devices.

a. The Contractor hereby further agrees to furnish to the Port Authority from time to time such written reports in connection with its operations hereunder as the Port Authority may deem necessary or desirable. The format of all forms, schedules and reports furnished by the Contractor to the Port Authority shall be subject to the continuing approval of the Port Authority.
b. No provision in this Contract giving the Port Authority a right of access to records and documents is intended to impair or affect any right of access to records and documents which they would have in the absence of such provision. Additional record keeping may be required under other sections of this

Contract.

18. General Obligations

a. Except where expressly required or permitted herein to be oral, all notices, requests, consents and approvals required to be given to or by either party shall be in writing and all such notices, requests, consents and approvals shall be personally delivered to the other party during regular business hours or forwarded to such party by United States certified mail, return receipt requested, addressed to the other party at its address hereinbefore or hereafter provided. Until further notice the Contractor hereby designates the address shown on the bottom of the Contractors Signature Sheet as their address to which such notices, requests, consents, or approvals may be forwarded. All notices, requests, consents, or approvals of the Contractor shall be forwarded to the Manager at the Facility.
b. The Contractor shall comply with the provisions of all present and future federal, state and municipal laws, rules, regulations, requirements, ordinances, orders and directions which pertain to its operations under this Contract and which affect the Contract or the performance thereof and those engaged therein as if the said Contract were being performed for a private corporation, except where stricter requirements are contained in the Contract in which case the Contract shall control. The Contractor shall procure for itself all licenses, certificates, permits or other authorization from all governmental authorities, if any, having jurisdiction over the Contractor's operations hereunder which may be necessary for the Contractor's operations. The Contractor's obligation to comply with governmental requirements are not to be construed as a submission by the Port Authority to the application to itself of such requirements.
c. The Contractor shall pay all taxes, license, certification, permit and examination fees and excises which may be assessed on its property or operations hereunder or income therefrom, and shall make all applications, reports and returns required in connection therewith.
d. The Contractor shall, in conducting its operations hereunder, take all necessary precautions to protect the general environment and to prevent environmental pollution, contamination, damage to property and personal injury. In the event the Contractor encounters material reasonably believed to be asbestos, polychlorinated biphenyl (PCB) or any other hazardous material, in conducting its operations hereunder, the Contractor shall immediately stop Work in the area affected and report the condition in writing to the Manager. Work in the affected area shall not thereafter be resumed by the Contractor except upon the issuance of a written order to that effect from the Manager.
e. The Contractor shall promptly observe, comply with and execute the provisions of any and all present and future rules and regulations, requirements, standard orders and directions of the American Insurance Association, the Insurance Services Office, National Fire Protection Association, and any other body or organization exercising similar functions which may pertain or apply to the Contractor's operations hereunder.

The Contractor shall not do or permit to be done any act which:

1. will invalidate or be in conflict with any fire insurance policies covering the Facility or any part thereof or upon the contents of any building thereon; or
2. will increase the rate of any fire insurance, extended coverage or rental insurance on the Facility or any part thereof or upon the contents of any building thereon; or
3. in the opinion of the Port Authority will constitute a hazardous condition, so as to increase the risk normally attendant upon the operations contemplated by this Contract; or
4. may cause or produce in the premises, or upon the Facility any unusual, noxious or objectionable smoke, gases, vapors, odors; or
5. may interfere with the effectiveness or accessibility of the drainage and sewerage system, fire protection system, sprinkler system, alarm system, fire hydrants and hoses, if any, installed or located or to be installed or located in or on the Facility; or
6. shall constitute a nuisance in or on the Facility or which may result in the creation,

commission or maintenance of a nuisance in or on the Facility.

f. If by reason of the Contractor's failure to comply with the provisions of this Section and provided the Port Authority has given the Contractor five (5) days written notice of its failure and the Contractor shall not have cured said failure within said five (5) days, any fire insurance, extended coverage or rental insurance rate on the Facility or any part thereof or upon the contents of any building thereon shall at any time be higher than it otherwise would be, then the Contractor shall on demand pay the Port Authority that part of all fire insurance, extended coverage or rental insurance premiums paid or payable by the Port Authority which shall have been charged because of such violations by the Contractor.
g. The Contractor shall conduct its operations hereunder so as not to endanger, unreasonably interfere with, or delay the operations or activities of any tenants or occupants on the premises or the Facility and, moreover, shall use the same degree of care in performance on the premises as would be required by law of the Port Authority and shall conduct operations hereunder in a courteous, efficient and safe manner.
h. The Contractor shall provide such equipment and medical facilities as may be necessary to supply first aid service in case of accidents to its personnel who may be injured in the furnishing of service hereunder. The Contractor shall maintain standing arrangements for the removal and hospital treatment of any of its personnel who may be injured.

19. Assignments and Subcontracting

a. The Contractor shall not sell, transfer, mortgage, pledge, subcontract or assign this Contract or any part thereof or any of the rights granted hereunder or any moneys due or to become due to it hereunder or enter into any contract requiring or permitting the doing of anything hereunder by an independent Contractor, without the prior written approval of the Port Authority, and any such sale, transfer, mortgage, pledge, subcontract, assignment or contract without such prior written approval shall be void as to the Port Authority.
b. All subcontractors who provide permanent personnel to the Contractor for work under this Contract shall be given written notice to comply with all requirements of the Contract. The Contractor shall be responsible and liable for the performance and acts of each subcontractor.
c. All persons to whom the Contractor sublets services shall be deemed to be its agents and no subletting or approval thereof shall be deemed to release this Contractor from its obligations under this Contract or to impose any obligations on the Port Authority to such subcontractor or to give the subcontractor any rights against the Port Authority.

20. Indemnification and Risks Assumed By The Contractor

To the extent permitted by law, the Contractor shall indemnify and hold harmless the Port Authority, its Commissioners, officers, representatives and employees from and against all claims and demands, just or unjust, of third persons (including Contractor’s employees, employees, officers, and agents of the Port Authority) arising out of or in any way connected or alleged to arise out of or alleged to be in any way connected with the Contract and all other services and activities of the Contractor under this Contract and for all expenses incurred by it and by them in the defense, settlement or satisfaction thereof, including without limitation thereto, claims and demands for death, for personal injury or for property damage, direct or consequential, whether they arise from the acts or omissions of the Contractor, the Port Authority, third persons(including Contractor’s employees, employees, officers, and agents of the Port Authority), or from the acts of God or the public enemy, or otherwise, including claims and demands of any local jurisdiction against the Port Authority in connection with this Contract.

The Contractor assumes the following risks, whether such risks arise from acts or omissions (negligent or not) of the Contractor, the Port Authority or third persons (including Contractor’s employees, employees, officers, and agents of the Port Authority)or from any other cause, excepting only risks occasioned solely by affirmative willful acts of the Port Authority done subsequent to the opening of proposals on this Contract,

and shall to the extent permitted by law indemnify the Port Authority for all loss or damage incurred in connection with such risks:

a. The risk of any and all loss or damage to Port Authority property, equipment (including but not limited to automotive and/or mobile equipment), materials and possessions, on or off the premises, the loss or damage of which shall arise out of the Contractor's operations hereunder. The Contractor shall if so directed by the Port Authority, repair, replace or rebuild to the satisfaction of the Port Authority, any and all parts of the premises or the Facility which may be damaged or destroyed by the acts or omissions of the Contractor, its officers, agents, or employees and if the Contractor shall fail so to repair, replace, or rebuild with due diligence the Port Authority may, at its option, perform any of the foregoing work and the Contractor shall pay to the Port Authority the cost thereof.

b. The risk of any and all loss or damage of the Contractor's property, equipment (including but not limited to automotive and/or mobile equipment) materials and possessions on the Facility.

c. The risk of claim, whether made against the Contractor or the Port Authority, for any and all loss or damages occurring to any property, equipment (including but not limited to automotive and/or mobile equipment), materials and possessions of the Contractor's agents, employees, materialmen and others performing work hereunder.

d. The risk of claims for injuries, damage or loss of any kind just or unjust of third persons arising or alleged to arise out of the performance of work hereunder, whether such claims are made against the Contractor or the Port Authority.

If so directed, the Contractor shall at its own expense defend any suit based upon any such claim or demand, even if such suit, claim or demand is groundless, false or fraudulent, and in handling such shall not, without obtaining express advance permission from the General Counsel of the Port Authority, raise any defense involving in any way the jurisdiction of the tribunal over the person of the Port Authority, the immunity of the Port Authority, its Commissioners, officers, agents or employees, the governmental nature of the Port Authority or the provision of any statutes respecting suits against the Port Authority.

Neither the requirements of the Port Authority under this Contract, nor of the Port Authority of the methods of performance hereunder nor the failure of the Port Authority to call attention to improper or inadequate methods or to require a change in the method of performance hereunder nor the failure of the Port Authority to direct the Contractor to take any particular precaution or other action or to refrain from doing any particular thing shall relieve the Contractor of its liability for injuries to persons or damage to property or environmental impairment arising out of its operations.

21. Approval of Methods

Neither the approval of the Port Authority of the methods of furnishing services hereunder nor the failure of the Port Authority to call attention to improper or inadequate methods or to require a change in the method of furnishing services hereunder, nor the failure of the Port Authority to direct the Contractor to take any particular precautions or to refrain from doing any particular thing shall relieve the Contractor of its liability for injuries to persons or damage to property or environmental impairment arising out of its operations.

22. Safety and Cleanliness

a. The Contractor shall, in the furnishing of services hereunder, exercise every precaution to prevent injury to person or damage to property or environmental impairment and avoid inconvenience to the occupants of or any visitors to the Facility. The Contractor shall, without limiting the generality hereof, place such personnel, erect such barricades and railings, give such warnings, display such lights, signals or signs, place such cones and exercise precautions as may be necessary, proper or desirable.

b. The Contractor shall in case of unsafe floor conditions due to construction, wetness, spillage, sickness and all other types of hazardous conditions proceed to rope off the unsafe area and place appropriate warnings signs to prevent accidents from occurring. The Contractor shall clean said area to the satisfaction of the Manager.

c. The Contractor shall at all times maintain in a clean and orderly condition and appearance any and all facilities provided by the Port Authority for the Contractor's operations, and all fixtures, sink closets, equipment, and other personal property of the Port Authority which are located in said facilities.

23. Accident Reports

The Contractor shall promptly report in writing to the Manager of the Facility and to the Deputy Chief, Litigation Management of the Port Authority all accidents whatsoever arising out of or in connection with its operations hereunder and which result in death or injury to persons or damage to property, setting forth such details thereof as the Port Authority may desire. In addition, if death or serious injury or serious damage is caused, such accidents shall be immediately reported by telephone to the aforesaid representatives of the Port Authority.

24. Trash Removal

The Contractor shall remove daily from the Facility by means provided by the Contractor all garbage, debris and other waste material (solid or liquid) arising out of or in connection with its operations hereunder, and any such garbage, debris and other waste material not immediately removed shall be temporarily stored in a clear and sanitary condition, approved by the Facility Manager and shall be kept covered except when filling or emptying them. The Contractor shall exercise care in removing such garbage, debris and other waste materials from the Facility. The manner of such storage and removal shall always be subject in all respects to the continual approval of the Port Authority. No equipment or facilities of the Port Authority shall be used in such removal unless with its prior consent in writing. No such garbage, debris or other waste materials shall be or be permitted to be thrown, discharged or disposed into or upon the waters at or bounding the Facility.

25. Lost and Found Property

The Contractor shall instruct its personnel that all items of personal property found by the Contractor's employees at the Site must be turned in to the Port Authority and a receipt will be issued therefor.

26. Property of the Contractor

a. All property of the Contractor at the Site by virtue of this Contract shall be removed on or before the expiration or sooner termination or revocation of this Contract.

b. If the Contractor shall fail to remove its property upon the expiration, termination or revocation of this Contract the Port Authority may, at its option, dispose of such property as waste or as agent for the Contractor and at the risk and expense of the Contractor, remove such property to a public warehouse, or may retain the same in its own possession, and in either event after the expiration of thirty (30) days may sell the same in accordance with any method deemed appropriate; the proceeds of any such sale shall be applied first, to the expenses of sale and second, to any sums owed by the Contractor to the Port Authority; any balance remaining shall be paid to the Contractor. Any excess of the total cost of removal, storage and sale and other costs incurred by the Port Authority as a result of such failure of performance by the Contractor over the proceeds of sale shall be paid by the Contractor to the Port Authority upon demand.

27. Modification of Contract

This Contract may not be changed except in writing signed by the Port Authority and the Contractor. The

Contractor agrees that no representation or warranties shall be binding upon the Port Authority unless expressed in writing in this Contract.

28. Invalid Clauses

If any provision of this Contract shall be such as to destroy its mutuality or to render it invalid or illegal, then, if it shall not appear to have been so material that without it the Contract would not have been made by the parties, it shall not be deemed to form part thereof but the balance of the Contract shall remain in full force and effect.

29. Approval of Materials, Supplies and Equipment

Only Port Authority approved materials, supplies, and equipment are to be used by the Contractor in performing the Work hereunder. Inclusion of chemical containing materials or supplies on the Port Authority Approved Products List – Environmental Protection Supplies constitutes approval. The list may be revised from time to time and at any time by the Port Authority and it shall be incumbent upon the Contractor to obtain the most current list from the Manager of the Facility.

At anytime during the Solicitation, pre-performance or performance periods, the Contractor may propose the use of an alternate product or products to those on the Approved Products List – Environmental Protection Supplies, which product(s) shall be subject to review and approval by the Port Authority. Any alternate product so approved by the Port Authority may be used by the Contractor in performing the Services hereunder. Until such approval is given, only products on the Approved Products List – Environmental Protection Supplies may be used.

30. Intellectual Property

The right to use all patented materials, appliances, processes of manufacture or types of construction, trade and service marks, copyrights and trade secrets, collectively hereinafter referred to as "Intellectual Property Rights", in the performance of the work, shall be obtained by the Contractor without separate or additional compensation. Where the services under this Agreement require the Contractor to provide materials, equipment or software for the use of the Port Authority or its employees or agents, the Port Authority shall be provided with the Intellectual Property Rights required for such use without further compensation than is provided for under this Agreement.

The Contractor shall indemnify the Port Authority against and save it harmless from all loss and expense incurred as a result of any claims in the nature of Intellectual Property Rights infringement arising out of the Contractor's or Port Authority's use, in accordance with the above immediately preceding paragraph, of any Intellectual Property. The Contractor, if requested, shall conduct all negotiations with respect to and defend such claims. If the Contractor or the Port Authority, its employees or agents be enjoined either temporarily or permanently from the use of any subject matter as to which the Contractor is to indemnify the Port Authority against infringement, then the Port Authority may, without limiting any other rights it may have, require the Contractor to supply temporary or permanent replacement facilities approved by the Manager, and if the Contractor fails to do so the Contractor shall, at its expense, remove all such enjoined facilities and refund the cost thereof to the Port Authority or take such steps as may be necessary to insure compliance by the Contractor and the Port Authority with said injunction, to the satisfaction of the Port Authority.

In addition, the Contractor shall promptly and fully inform the Director in writing of any intellectual property rights disputes, whether existing or potential, of which it has knowledge,

relating to any idea, design, method, material, equipment or any other matter related to the subject matter of this Agreement or coming to its attention in connection with this Agreement.

31. Contract Records and Documents – Passwords and Codes

When the performance of the contract services requires the Contractor to produce, compile or maintain records, data, drawings, or documents of any kind, regardless of the media utilized, then all such records, drawings, data and documents which are produced, prepared or compiled in connection with this contract, shall become the property of the Port Authority, and the Port Authority shall have the right to use or permit the use of them and any ideas or methods represented by them for any purpose and at any time without other compensation than that specifically provided herein.

When in the performance of the contract services the Contractor utilizes passwords or codes for any purpose, at any time during or after the performance of such services, upon written request by the Authority, the Contractor shall make available to the designated Authority representative all such passwords and codes.

32. Designated Secure Areas

Services under the Contract may be required in designated secure areas, as the same may be designated by the Manager from time to time ("Secure Areas"). The Port Authority shall require the observance of certain security procedures with respect to Secure Areas, which may include the escort to, at, and/or from said high security areas by security personnel designated by the Contractor or any subcontractor's personnel required to work therein. All personnel that require access to designated secure areas who are not under positive escort by an authorized individual will be required to undergo background screening and personal identity verification.

Forty-eight (48) hours prior to the proposed performance of any work in a Secure Area, the Contractor shall notify the Manager. The Contractor shall conform to the procedures as may be established by the Manager from time to time and at any time for access to Secure Areas and the escorting of personnel hereunder. Prior to the start of work, the Contractor shall request a description from the Manager of the Secure Areas which will be in effect on the commencement date. The description of Secure Areas may be changed from time to time and at any time by the Manager during the term of the Contract.

33. Notification of Security Requirements

The Authority has the responsibility of ensuring safe, reliable and secure transportation facilities, systems, and projects to maintain the well-being and economic competitiveness of the region. Therefore, the Authority reserves the right to deny access to certain documents, sensitive security construction sites and facilities (including rental spaces) to any person that declines to abide by Port Authority security procedures and protocols, any person with a criminal record with respect to certain crimes or who may otherwise poses a threat to the construction site or facility security. The Authority reserves the right to impose multiple layers of security requirements on the Contractor, its staff and subcontractors and their staffs depending upon the level of security required, or may make any amendments with respect to such requirements as determined by the Authority.

These security requirements may include but are not limited to the following:

- <u>Contractor/ Subcontractor identity checks and background screening</u>

  The Port Authority's designated background screening provider may require inspection of not less than two forms of valid/current government issued identification (at least one having an official photograph) to

verify staff's name and residence; screening federal, state, and/or local criminal justice agency information databases and files; screening of any terrorist identification files; access identification to include some form of biometric security methodology such as fingerprint, facial or iris scanning, or the like.

The Contractor may be required to have its staff, and any subcontractor's staff, material-men, visitors or others over whom the Contractor/subcontractor has control, authorize the Authority or its designee to perform background checks, and a personal identity verification check. Such authorization shall be in a form acceptable to the Authority. The Contractor and subcontractors may also be required to use an organization designated by the Authority to perform the background checks.

As of January 29, 2007, the Secure Worker Access Consortium (S.W.A.C.) is the only Port Authority approved provider to be used to conduct background screening and personal identity verification, except as otherwise required by federal law and/or regulation (such as the Transportation Worker Identification Credential for personnel performing in secure areas at Maritime facilities). Information about S.W.A.C., instructions, corporate enrollment, online applications, and location of processing centers can be found at http://www.secureworker.com, or S.W.A.C. may be contacted directly at (877) 522-7922 for more information and the latest pricing. The cost for said background checks for staff that pass and are granted a credential shall be reimbursable to the Contractor (and its subcontractors) as an out-of-pocket expense as provided herein. Staff that are rejected for a credential for any reason are not reimbursable.

- Issuance of Photo Identification Credential

No person will be permitted on or about the Authority construction site or facility (including rental spaces) without a facility-specific photo identification credential approved by the Authority. If the authority requires facility-specific identification credential for the Contractor's and the subcontractor's staff, the Authority will supply such identification at no cost to the Contractor or its subcontractors. Such facility-specific identification credential shall remain the property of the Authority and shall be returned to the Authority at the completion or upon request prior to completion of the individual's assignment at the specific facility. It is the responsibility of the appropriate Contractor or subcontractor to immediately report to the Authority the loss of any staff member's individual facility-specific identification credential. The Contractor or subcontractor shall be billed for the cost of the replacement identification credential. Contractor's and subcontractor's staff shall display Identification badges in a conspicuous and clearly visible manner, when entering, working or leaving an Authority construction site or facility.

Employees may be required to produce not less than two forms of valid/current government issued identification having an official photograph and an original, unlaminated social security card for identify and SSN verification. Where applicable, for sensitive security construction sites or facilities, successful completion of the application, screening and identify verification for all employees of the Contractor and subcontractors shall be completed prior to being provided a S.W.A.C. ID Photo Identification credential.

- Access control, inspection, and monitoring by security guards

The Authority may provide for Authority construction site or facility (including rental spaces) access control, inspection and monitoring by Port Authority Police or Authority retained contractor security guards. However, this provision shall not relieve the Contractor of its responsibility to secure its equipment and work and that of its subconsultant/subcontractor's and service suppliers at the Authority construction site or facility (including rental spaces). In addition, the Contractor, subcontractor or service provider is not permitted to take photographs, digital images, electronic copying and/or electronic transmission or video recordings or make sketches on any other medium at the Authority construction sites or facilities (including rental spaces), except when necessary to perform the Work under this Contract, without prior written permission from the Authority. Upon request, any photograph, digital images, video recording or sketches made of the Authority construction site or facility shall be submitted

to the Authority to determine compliance with this paragraph, which submission shall be conclusive and binding on the submitting entity.

- Compliance with the Port Authority Information Security Handbook

  The Contract may require access to Port Authority information considered Confidential Information ("CI") as defined in the Port Authority Information Security Handbook ("Handbook"), dated October, 2008, corrected as of February, 2009, and as may be further amended. The Handbook and its requirements are hereby incorporated into this agreement and will govern the possession, distribution and use of CI if at any point during the lifecycle of the project or solicitation it becomes necessary for the Contractor to have access to CI. Protecting sensitive information requires the application of uniform safeguarding measures to prevent unauthorized disclosure and to control any authorized disclosure of this information within the Port Authority or when released by the Port Authority to outside entities. The following is an outline of some of the procedures, obligations and directives contained in the Handbook:

  (1) require that the Contractor and subcontractors, when appropriate, sign Non-Disclosure Agreements (NDAs), or an Acknowledgment of an existing NDA, provided by the Authority as a condition of being granted access to Confidential Information categorized and protected as per the Handbook;
  (2) require that individuals needing access to CI be required to undergo a background check, pursuant to the process and requirements noted in § 3.2 of the Information Security Handbook.
  (3) require Contractors and commercial enterprises to attend training to ensure security awareness regarding Port Authority information;
  (4) specific guidelines and requirements for the handling of CI to ensure that the storage and protection of CI;
  (5) restrictions on the transfer, shipping, and mailing of CI information;
  (6) prohibitions on the publication, posting, modifying, copying, reproducing, republishing, uploading, transmitting, or distributing CI on websites or web pages. This may also include restricting persons, who either have not passed a pre-screening background check, or who have not been granted access to CI, from viewing such information;
  (7) require that CI be destroyed using certain methods, measures or technology pursuant to the requirements set forth in the Handbook;
  (8) require the Contractor to mandate that each of its subcontractors maintain the same levels of security required of the Contractor under any Port Authority awarded contract.
  (9) prohibit the publication, exchange or dissemination of CI developed from the project or contained in reports, except between Contractors and subcontractors, without prior approval of the Port Authority;
  (10) require that CI only be reproduced or copied pursuant to the requirements set forth in the Handbook.

- Audits for Compliance with Security Requirements

  The Port Authority may conduct random or scheduled examinations of business practices under this section entitled "NOTIFICATION OF SECURITY REQUIREMENTS" and the Handbook in order to assess the extent of compliance with security requirements, Confidential Information procedures, protocols and practices, which may include, but not be limited to, verification of background check status, confirmation of completion of specified training, and/or a site visit to view material storage locations and protocols.

34. Construction In Progress

The Contractor recognizes that construction may be in progress at the Facility and may continue throughout the term of this Contract. Notwithstanding, the Contractor shall at all times during the term hereof maintain the same standards of performance and cleanliness as prevails in non-affected areas as required by the standards hereunder.

35. Permit-Required Confined Space Work

Prior to commencement of any work, the Contractor shall request and obtain from the Port Authority a description of all spaces at the facility which are permit-required confined spaces requiring issuance of an OSHA permit.

Prior to the commencement of any work in a permit-required confined space at a Port Authority facility requiring issuance of an OSHA permit, the Contractor shall contact the Manager to obtain an Authority Contractor Permit-Required Confined Space Notification form. The notification form must be filled out and submitted prior to commencing permit-required confined space work. All confined space work shall be performed in accordance with all applicable OSHA requirements. The Contractor shall provide its employees with a copy of its own company permit and shall furnish the Port Authority with a copy of the permit upon completion of the work. The Contractor must supply all equipment required for working in a confined space.

36. Signs

Except with the prior written approval of the Port Authority, the Contractor shall not erect, maintain or display any signs or posters or any advertising on or about the Facility.

37. Vending Machines, Food Preparation

The Contractor shall not install, maintain or operate on the Facility, or on any other Port Authority property, any vending machines without the prior written approval of the Port Authority. No foods or beverages shall be prepared or consumed at the Facility by any of the Contractor's employees except in areas as may be specifically designated by the Port Authority for such purpose.

38. Confidential Information/Non-Publication

a. As used herein, confidential information shall mean all information disclosed to the Contractor or the personnel provided by the Contractor hereunder which relates to the Authority's and/or PATH's past, present, and future research, development and business activities including, but not limited to, software and documentation licensed to the Authority or proprietary to the Authority and/or PATH and all associated software, source code procedures and documentation. Confidential information shall also mean any other tangible or intangible information or materials including but not limited to computer identification numbers, access codes, passwords, and reports obtained and/or used during the performance of the Contractor's Services under this Contract.

b. Confidential information shall also mean and include collectively, as per *The Port Authority of New York & New Jersey Information Security Handbook (October 15, 2008, corrected as of February, 9 2009),* Confidential Proprietary Information, Confidential Privileged Information and information that is labeled, marked or otherwise identified by or on behalf of the Authority so as to reasonably connote that such information is confidential, privileged, sensitive or proprietary in nature. Confidential Information shall also include all work product that contains or is derived from any of the foregoing, whether in whole or in part, regardless of whether prepared by the Authority or a third-party or when the Authority receives such information from others and agrees to treat such information as Confidential.

c. The Contractor shall hold all such confidential information in trust and confidence for the Authority, and agrees that the Contractor and the personnel provided by the Contractor hereunder

shall not, during or after the termination or expiration of this Contract, disclose to any person, firm or corporation, nor use for its own business or benefit, any information obtained by it under or in connection with the supplying of services contemplated by this Contract. The Contractor and the personnel provided by the Contractor hereunder shall not violate in any manner any patent, copyright, trade secret or other proprietary right of the Authority or third persons in connection with their services hereunder, either before or-after termination or expiration of this Contract. The Contractor and the personnel provided by the Contractor hereunder shall not willfully or otherwise perform any dishonest or fraudulent acts, breach any security procedures, or damage or destroy any hardware, software or documentation, proprietary or otherwise, in connection with their services hereunder. The Contractor shall promptly and fully inform the Director in writing of any patent, copyright, trade secret or other intellectual property rights or disputes, whether existing or potential, of which the Contractor has knowledge, relating to any idea, design, method, material, equipment or other matter related to this Contract or coming to the Contractor's attention in connection with this Contract."

d. The Contractor shall not issue nor permit to be issued any press release, advertisement, or literature of any kind, which refers to the Port Authority or to the fact that goods have been, are being or will be provided to it and/or that services have been, are being or will be performed for it in connection with this Agreement, unless the vendor first obtains the written approval of the Port Authority. Such approval may be withheld if for any reason the Port Authority believes that the publication of such information would be harmful to the public interest or is in any way undesirable.

39. Time is of the Essence

Time is of the essence in the Contractor's performance of this Contract inasmuch as the Work to be performed will affect the operation of public facilities.

40. Holidays

The following holidays will be observed at the Site:

New Year's Day	Labor Day
Martin Luther King Jr. Day	Columbus Day
Presidents Day	Veterans Day
Memorial Day	Thanksgiving Day
Independence Day	Day After Thanksgiving
Christmas Day	

This list is subject to periodic revision and the Contractor shall be responsible for obtaining all updated lists from the office of the Manager. If any such holiday falls on a Sunday then the next day shall be considered the holiday and/or if any such holiday falls on a Saturday then the preceding day shall be considered the holiday.

41. Personnel Standards

In addition to any specific personnel requirements that may be required under the clause entitled "Personnel Requirements" in the Specifications, the Contractor (and any Subcontractor) shall furnish competent and adequately trained personnel to perform the Work hereunder. If, in the opinion of the Manager, any

employee so assigned is performing their functions unsatisfactorily, they shall be replaced by the Contractor within twenty-four (24) hours following the Contractor's receipt of the Manager's request for such replacement.

All Contractor's employees performing Work hereunder shall have the ability to communicate in the English language to the extent necessary to comprehend directions given by either the Contractor's supervisory staff or by the Manager's staff. Any employee operating a motor vehicle must have a valid driver's license.

The Contractor shall verify that employees working under this Contract in the United States are legally present in the United States and authorized to work by means of the federally required I-9 program

42. General Uniform Requirements for Contractor's Personnel

In addition to any specific uniform requirements that may be required by the Specifications, uniforms must be worn at all times during which the Services are being performed hereunder. The Contractor agrees that his/her employees will present a neat, clean and orderly appearance at all times. Uniforms shall include the Contractor's identification badge with picture ID bearing the employee's name. All uniforms, colors, types and styles shall be subject to the prior approval of the Manager. The Contractor will also be responsible for ensuring that its employees are wearing shoes appropriate for the tasks performed. The Manager shall have the right to require removal of any employee who shall fail to wear the proper uniform and shoes, and the exercise of this right shall not limit the obligation of the Contractor to perform the Services or to furnish any required number of employees at a specific location at the Site as specified.

43. Labor, Equipment and Materials Supplied by the Contractor

The Contractor shall, at all times during the performance of this Contract, furnish all necessary labor, supervision, equipment and materials necessary for the prompt and efficient performance of the Work, whether such materials and equipment are actually employed in the furnishing of the Work or whether incidental thereto.

All materials used by the Contractor in furnishing Work hereunder shall be of such quality as to accomplish the purposes of this Contract and the Services to be furnished hereunder in such manner so as not to damage any part of the Site.

The Port Authority by its officers, employees and representatives shall have the right at all times to examine the supplies, materials and equipment used by the Contractor, to observe the operations of the Contractor, its agents, servants and employees and to do any act or thing which the Port Authority may be obligated or have the right to do under this Contract or otherwise.

All equipment, materials and supplies used in the performance of this Contract required hereunder shall be used in accordance with their manufacturer's instructions.

Materials and supplies to be provided by the Contractor hereunder shall comply with OSHA and all applicable regulations.

44. Contractor's Vehicles – Parking - Licenses

At the discretion of the Manager, the Port Authority may permit the Contractor during the effective period of this Contract to park vehicle(s) used by it in its operations hereunder in such location as may from time to time or at any time be designated by the Manager. The Contractor shall comply with such existing rules, regulations and procedures as are now in force and such reasonable future rules, regulations and procedures as may hereafter be adopted by the Port Authority for the safety and convenience of persons who park automotive vehicles in any parking area at the Site or for the safety and proper persons who park automotive vehicles in any parking area at the Site or for the safety and proper identification of such vehicles, and the Contractor shall also comply with any and all directions pertaining to such parking which may be given from time to time and at any time by the Manager. Any vehicle used by the Contractor hereunder shall be

marked or placarded, identifying it as the Contractor's vehicle.

45. Manager's Authority

In the performance of the Work hereunder, the Contractor shall conform to all orders, directions and requirements of the Manager and shall perform the Work hereunder to the satisfaction of the Manager at such times and places, by such methods and in such manner and sequence as he/she may require, and the Contract shall at all stages be subject to his/her inspection. The Manager shall determine the amount, quality, acceptability and fitness of all parts of the Work and shall interpret the Specifications and any orders for Extra Work. The Contractor shall employ no equipment, materials, methods or staff or personnel to which the Manager objects. Upon request, the Manager shall confirm in writing any oral order, direction, requirement or determination.

The Manager shall have the authority to decide all questions in connection with the Services to be performed hereunder. The exercise by the Manager of the powers and authorities vested in him/her by this section shall be binding and final upon the Port Authority and the Contractor.

46. Price Preference

If this solicitation has not been set aside for the purposes of making an award based on bids solicited from Port Authority certified Minority Business, Women Business or Small Business Enterprises as indicated by the bidder pre-requisites in Part II hereof, for awards of contracts, not exceeding $1,000,000, for:

(a) Services, a price preference of 5% is available for New York or New Jersey Small Business Enterprises (SBE); or

(b) Services (excluding Janitorial/Cleaning Services), a price preference of 10% is available for New York or New Jersey Minority or Women Business Enterprises (M/WBE),

certified by the Port Authority by the day before the bid opening.

If the Bidder is a Port Authority certified MBE, WBE or SBE, enter the applicable date(s) certification was obtained in the space provided on the Signature Sheet attached hereto.

47. M/WBE Good Faith Participation

If specified as applicable to this Contract, the Contractor shall use every good-faith effort to provide for participation by certified Minority Business Enterprises (MBEs) and certified Women-owned Business Enterprises (WBEs) as herein defined, in all purchasing and subcontracting opportunities associated with this Contract, including purchase of equipment, supplies and labor services.

Good Faith efforts to include participation by MBEs/WBEs shall include the following:

a. Dividing the services and materials to be procured into small portions, where feasible.

b. Giving reasonable advance notice of specific contracting, subcontracting and purchasing opportunities to such MBEs/WBEs as may be appropriate.

c. Soliciting services and materials from a Port Authority certified MBE/WBE or seeking MBEs/WBEs from other sources. To access the Port Authority's Directory of MBE/WBE Certified Firms go to www.panynj.gov/supplierdiversty

d. Ensuring that provision is made to provide progress payments to MBEs/WBEs on a timely basis.

e. Observance of reasonable commercial standards of fair dealing in the respective trade or business.

Subsequent to Contract award, all changes to the M/WBE Participation Plan must be submitted via a modified M/WBE Participation Plan to the Manager for review and approval by the Authority's Office of Business Diversity and Civil Rights. For submittal of modifications to the M/WBE Plan, Contractors are directed to use form PA3749C, which may be downloaded at http://www.panynj.gov/business-opportunities/become-vendor.html. The Contractor shall not make changes to its approved M/WBE Participation Plan or substitute M/WBE subcontractors or suppliers for those named in their approved plan without the Manager's prior written approval. Unauthorized changes or substitutions, including performing the work designated for a subcontractor with the Contractor's own forces, shall be a violation of this section. Progress toward attainment of M/WBE participation goals set forth herein will be monitored throughout the duration of this Contract.

The Contractor shall also submit to the Manager, along with invoices, the Statement of Subcontractor Payments as the M/WBE Participation Report, which may be downloaded at http://www.panynj.gov/business-opportunities/become-vendor.html. The Statement must include the name and business address of each M/WBE subcontractor and supplier actually involved in the Contract, a description of the work performed and/or product or service supplied by each such subcontractor or supplier, the date and amount of each expenditure, and such other information that may assist the Manager in determining the Contractor's compliance with the foregoing provisions.

If, during the performance of this Contract, the Contractor fails to demonstrate good faith efforts in carrying out its M/WBE Participation Plan and the Contractor has not requested and been granted a full or partial waiver of the M/WBE participation goals set forth in this Contract, the Authority will take into consideration the Contractor's failure to carry out its M/WBE Participation Plan in its evaluation for award of future Authority contracts.

PART III CONTRACTOR'S INTEGRITY PROVISIONS

1. Certification of No Investigation (criminal or civil anti-trust), Indictment, Conviction, Debarment, Suspension, Disqualification and Disclosure of Other Information

By bidding on this Contract, each Bidder and each person signing on behalf of any Bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, that the Bidder and each parent and/or affiliate of the Bidder has not

a. been indicted or convicted in any jurisdiction;
b. been suspended, debarred, found not responsible or otherwise disqualified from entering into any contract with any governmental agency or been denied a government contract for failure to meet standards related to the integrity of the Bidder;
c. had a contract terminated by any governmental agency for breach of contract or for any cause based in whole or in part on an indictment or conviction;
d. ever used a name, trade name or abbreviated name, or an Employer Identification Number different from those inserted in the Bid;
e. had any business or professional license suspended or revoked or, within the five years prior to bid opening, had any sanction imposed in excess of fifty thousand dollars ($50,000) as a result of any judicial or administrative proceeding with respect to any license held or with respect to any violation of a federal, state or local environmental law, rule or regulation;
f. had any sanction imposed as a result of a judicial or administrative proceeding related to fraud,

extortion, bribery, bid rigging, embezzlement, misrepresentation or anti-trust regardless of the dollar amount of the sanctions or the date of their imposition; and

g. been, and is not currently, the subject of a criminal investigation by any federal, state or local prosecuting or investigative agency and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency.

2. Non-Collusive Bidding, and Code of Ethics Certification, Certification of No Solicitation Based On Commission, Percentage, Brokerage, Contingent or Other Fees

By bidding on this Contract, each Bidder and each person signing on behalf of any Bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, that

a. the prices in its bid have been arrived at independently without collusion, consultation, communication or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

b. the prices quoted in its bid have not been and will not be knowingly disclosed directly or indirectly by the Bidder prior to the official opening of such bid to any other bidder or to any competitor;

c. no attempt has been made and none will be made by the Bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition;

d. this organization has not made any offers or agreements or taken any other action with respect to any Authority employee or former employee or immediate family member of either which would constitute a breach of ethical standards under the Code of Ethics dated April 11, 1996, (a copy of which is available upon request) nor does this organization have any knowledge of any act on the part of an Authority employee or former Authority employee relating either directly or indirectly to this organization which constitutes a breach of the ethical standards set forth in said Code;

e. no person or selling agency other than a bona fide employee or bona fide established commercial or selling agency maintained by the Bidder for the purpose of securing business, has been employed or retained by the Bidder to solicit or secure this Contract on the understanding that a commission, percentage, brokerage, contingent, or other fee would be paid to such person or selling agency; and

f. the Bidder has not offered, promised or given, demanded or accepted, any undue advantage, directly or indirectly, to or from a public official or employee, political candidate, party or party official, or any private sector employee (including a person who directs or works for a private sector enterprise in any capacity), in order to obtain, retain, or direct business or to secure any other improper advantage in connection with this Contract.

g. no person or organization has been retained, employed or designated on behalf of the Bidder to impact any Port Authority determination, where the solicitation is a Request for Proposals, with respect to (i) the solicitation, evaluation or award of this Contract, or (ii) the preparation of specifications or request for submissions in connection with this Contract.

The foregoing certifications shall be deemed to be made by the Bidder as follows:

* if the Bidder is a corporation, such certification shall be deemed to have been made not only with respect to the Bidder itself, but also with respect to each parent, affiliate, director, and officer of the Bidder, as well as, to the best of the certifier's knowledge and belief, each stockholder of the Bidder with an ownership interest in excess of 10%;
* if the Bidder is a partnership, such certification shall be deemed to have been made not only with respect to the Bidder itself, but also with respect to each partner.

Moreover, the foregoing certifications, if made by a corporate Bidder, shall be deemed to have been authorized by the Board of Directors of the Bidder, and such authorization shall be deemed to include the signing and submission of the bid and the inclusion therein of such certification as the act and deed of the corporation.

In any case where the Bidder cannot make the foregoing certifications, the Bidder shall so state and shall furnish with the signed bid a signed statement which sets forth in detail the reasons therefor. If the Bidder is uncertain as to whether it can make the foregoing certifications, it shall so indicate in a signed statement furnished with its bid, setting forth in such statement the reasons for its uncertainty. With respect to the foregoing certification in paragraph "2g", if the Bidder cannot make the certification, it shall provide, in writing, with the signed bid: (i) a list of the name(s), address(es), telephone number(s), and place(s) of principal employment of each such individual or organization; and (ii) a statement as to whether such individual or organization has a "financial interest" in this Contract, as described in the Procurement Disclosure policy of the Authority (a copy of which is available upon request to the Director of the Procurement Department of the Authority). Such disclosure is to be updated, as necessary, up to the time of award of this Contract. As a result of such disclosure, the Port Authority shall take appropriate action up to and including a finding of non-responsibility.

Failure to make the required disclosures shall lead to administrative actions up to and including a finding of non-responsiveness or non-responsibility.

Notwithstanding that the Bidder may be able to make the foregoing certifications at the time the bid is submitted, the Bidder shall immediately notify the Authority in writing during the period of irrevocability of bids and the term of the Contract, if Bidder is awarded the Contract, of any change of circumstances which might under this clause make it unable to make the foregoing certifications, might render any portion of the certifications previously made invalid, or require disclosure. The foregoing certifications or signed statement shall be deemed to have been made by the Bidder with full knowledge that they would become a part of the records of the Authority and that the Authority will rely on their truth and accuracy in awarding and continuing this Contract. In the event that the Authority should determine at any time prior or subsequent to the award of this Contract that the Bidder has falsely certified as to any material item in the foregoing certifications, has failed to immediately notify the Port Authority of any change in circumstances which might make it unable to make the foregoing certifications, might render any portion of the certifications previously made invalid, or require disclosure, or has willfully or fraudulently furnished a signed statement which is false in any material respect, or has not fully and accurately represented any circumstance with respect to any item in the foregoing certifications required to be disclosed, the Authority may determine that the Bidder is not a responsible Bidder with respect to its bid on the Contract or with respect to future bids on Authority contracts and may exercise such other remedies as are provided to it by the Contract with respect to these matters. In addition, Bidders are advised that knowingly providing a false certification or statement pursuant hereto may be the basis for prosecution for offering a false instrument for filing (see e.g. New York Penal Law, Section 175.30 et seq.). Bidders are also advised that the inability to make such certification will not in and of itself disqualify a Bidder, and that in each instance the Authority will evaluate the reasons therefor provided by the Bidder. Under certain circumstances the Bidder may be required as a condition of Contract award to enter into a Monitoring Agreement under which it will be required to take certain specified actions, including compensating an independent Monitor to be selected by the Port Authority, said Monitor to be charged with, among other things, auditing the actions of the Bidder to determine whether its business practices and relationships indicate a level of integrity sufficient to permit it to continue business with the Port Authority.

3. Bidder Eligibility for Award of Contracts - Determination by an Agency of the State of New York or New Jersey Concerning Eligibility to Receive Public Contracts

Bidders are advised that the Authority has adopted a policy to the effect that in awarding its contracts it will honor any determination by an agency of the State of New York or New Jersey that a Bidder is not eligible to

bid on or be awarded public contracts because the Bidder has been determined to have engaged in illegal or dishonest conduct or to have violated prevailing rate of wage legislation.

The policy permits a Bidder whose ineligibility has been so determined by an agency of the State of New York or New Jersey to submit a bid on a Port Authority contract and then to establish that it is eligible to be awarded a contract on which it has bid because (i) the state agency determination relied upon does not apply to the Bidder, or (ii) the state agency determination relied upon was made without affording the Bidder the notice and hearing to which the Bidder was entitled by the requirements of due process of law, or (iii) the state agency determination was clearly erroneous or (iv) the state determination relied upon was not based on a finding of conduct demonstrating a lack of integrity or violation of a prevailing rate of wage law.

The full text of the resolution adopting the policy may be found in the Minutes of the Authority's Board of Commissioners meeting of September 9, 1993.

4. Contractor Responsibility, Suspension of Work and Termination

During the term of this Contract, the Contractor shall at all times during the Contract term remain responsible. The Contractor agrees, if requested by the Port Authority to present evidence of its continuing legal authority to do business in the States of New Jersey or New York, integrity, experience, ability, prior performance, and organizational and financial capacity.

The Port Authority, in its sole discretion, reserves the right to suspend any or all activities under this Contract, at any time, when it discovers information that calls into question the responsibility of the Contractor. In the event of such suspension, the Contractor will be given written notice outlining the particulars of such suspension. Upon issuance of such notice, the Contractor must comply with the terms of the suspension order. Contract activity may resume at such time as the Port Authority issues a written notice authorizing a resumption of performance under the Contract.

Upon written notice to the Contractor, and an opportunity to be heard with appropriate Port Authority officials or staff, the Contract may be terminated by Port Authority at the Contractor's expense where the Contractor is determined by the Port Authority to be non-responsible. In such event, the Port Authority or its designee may complete the contractual requirements in any manner he or she may deem advisable and pursue available legal or equitable remedies for breach, including recovery of costs from Contractor associated with such termination.

5. No Gifts, Gratuities, Offers of Employment, Etc.

At all times, the Contractor shall not offer, give or agree to give anything of value either to a Port Authority employee, agent, job shopper, consultant, construction manager or other person or firm representing the Port Authority, or to a member of the immediate family (i.e., a spouse, child, parent, brother or sister) of any of the foregoing, in connection with the performance by such employee, agent, job shopper, consultant, construction manager or other person or firm representing the Port Authority of duties involving transactions with the Contractor on behalf of the Port Authority, whether or not such duties are related to this Contract or any other Port Authority contract or matter. Any such conduct shall be deemed a material breach of this Contract.

As used herein "anything of value" shall include but not be limited to any (a) favors, such as meals, entertainment, transportation (other than that contemplated by the Contract or any other Port Authority contract), etc. which might tend to obligate the Port Authority employee to the Contractor, and (b) gift, gratuity, money, goods, equipment, services, lodging, discounts not available to the general public, offers or promises of employment, loans or the cancellation thereof, preferential treatment or business opportunity. Such term shall not include compensation contemplated by this Contract or any other Port Authority contract. Where used herein, the term "Port Authority" shall be deemed to include all subsidiaries of the Port Authority.

The Contractor shall insure that no gratuities of any kind or nature whatsoever shall be solicited or accepted by it and by its personnel for any reason whatsoever from the passengers, tenants, customers or other persons using the Facility and shall so instruct its personnel.

In the event that the Contractor becomes aware of the occurrence of any conduct that is prohibited by this section entitled "No Gifts, Gratuities, Offers of Employment, Etc.", it shall report such occurrence to the Port Authority's Office of Inspector General within three (3) business days of obtaining such knowledge. (See "http://www.panynj.gov/inspector-general" for information about to report information to the Office of Inspector General). Failing to report such conduct shall be grounds for a finding of non-responsibility.

In addition, during the term of this Contract, the Contractor shall not make an offer of employment or use confidential information in a manner proscribed by the Code of Ethics and Financial Disclosure dated April 11, 1996, (a copy of which is available upon request to the Office of the Secretary of the Port Authority).

The Contractor shall include the provisions of this clause in each subcontract entered into under this Contract.

6. Conflict of Interest

During the term of this Contract, the Contractor shall not participate in any way in the preparation, negotiation or award of any contract (other than a contract for its own services to the Authority) to which it is contemplated the Port Authority may become a party, or participate in any way in the review or resolution of a claim in connection with such a contract if the Contractor has a substantial financial interest in the contractor or potential contractor of the Port Authority or if the Contractor has an arrangement for future employment or for any other business relationship with said contractor or potential contractor, nor shall the Contractor at any time take any other action which might be viewed as or give the appearance of conflict of interest on its part. If the possibility of such an arrangement for future employment or for another business arrangement has been or is the subject of a previous or current discussion, or if the Contractor has reason to believe such an arrangement may be the subject of future discussion, or if the Contractor has any financial interest, substantial or not, in a contractor or potential contractor of the Authority, and the Contractor's participation in the preparation, negotiation or award of any contract with such a contractor or the review or resolution of a claim in connection with such a contract is contemplated or if the Contractor has reason to believe that any other situation exists which might be viewed as or give the appearance of a conflict of interest, the Contractor shall immediately inform the Director in writing of such situation giving the full details thereof. Unless the Contractor receives the specific written approval of the Director, the Contractor shall not take the contemplated action which might be viewed as or give the appearance of a conflict of interest. The Director may require the Contractor to submit a mitigation plan addressing and mitigating any disclosed or undisclosed conflict, which is subject to the approval of the Director and shall become a requirement, as though fully set forth in this Contract. In the event the Director shall determine that the performance by the Contractor of a portion of its Services under this Agreement is precluded by the provisions of this numbered paragraph, or a portion of the Contractor's said Services is determined by the Director to be no longer appropriate because of such preclusion, then the Director shall have full authority on behalf of both parties to order that such portion of the Contractor's Services not be performed by the Contractor, reserving the right, however, to have the Services performed by others and any lump sum compensation payable hereunder which is applicable to the deleted work shall be equitably adjusted by the parties. The Contractor's execution of this document shall constitute a representation by the Contractor that at the time of such execution the Contractor knows of no circumstances, present or anticipated, which come within the provisions of this paragraph or which might otherwise be viewed as or give the appearance of a conflict of interest on the Contractor's part. The Contractor acknowledges that the Authority may preclude it from involvement in certain disposition/privatization initiatives or transactions that result from the findings of its evaluations hereunder or from participation in any contract, which results, directly or indirectly, from the Services provided by the Contractor hereunder. The Port Authority's determination regarding any questions of conflict of interest shall be final.

7. Definitions

As used in this section, the following terms shall mean:

Affiliate - Two or more firms are affiliates if a parent owns more than fifty percent of the voting stock of each of the firms, or a common shareholder or group of shareholders owns more than fifty percent of the voting stock of each of the firms, or if the firms have a common proprietor or general partner.

Agency or Governmental Agency - Any federal, state, city or other local agency, including departments, offices, public authorities and corporations, boards of education and higher education, public development corporations, local development corporations and others.

Investigation - Any inquiries made by any federal, state or local criminal prosecuting and/or law enforcement agency and any inquiries concerning civil anti-trust investigations made by any federal, state or local governmental agency. Except for inquiries concerning civil anti-trust investigations, the term does not include inquiries made by any civil government agency concerning compliance with any regulation, the nature of which does not carry criminal penalties, nor does it include any background investigations for employment, or Federal, State, and local inquiries into tax returns.

Officer - Any individual who serves as chief executive officer, chief financial officer, or chief operating officer of the Bidder by whatever titles known.

Parent - An individual, partnership, joint venture or corporation which owns more than 50% of the voting stock of the Bidder.

If the solicitation is a Request for Proposal:

Bid - shall mean Proposal;
Bidder - shall mean Proposer;
Bidding - shall mean submitting a Proposal.

In a Contract resulting from the taking of bids:

Bid - shall mean bid;
Bidder - shall mean Bidder; except and until the Contract has been awarded, then it shall mean Contractor
Bidding - shall mean executing this Contract.

In a Contract resulting from the taking of Proposals:

Bid - shall mean Proposal;
Bidder - shall mean Proposer;
Bidding - shall mean executing this Contract.

Attachment A

JFK Airport-Existing for Maintenance VMS

Device ID	Model #	Cabinet/Sign Bridge #	Manufacturer	Location
VMS 218A	VF-1350-24x128-9-A	75A	Daktronics	Green Quadrant
VMS 218B	VF-1350-24x128-9-A	75A	Daktronics	Green Quadrant
VMS 218C	VF-1350-24x128-9-A	75A	Daktronics	Green Quadrant
VMS 511A	VF-1350-24x112-9-A	7	Daktronics	Green Quadrant
VMS 511B	VF-1350-8x112-9-A	7	Daktronics	Green Quadrant
VMS 511C	VF-1350-8x208-9-A	7	Daktronics	Green Quadrant
VMS 514A	VF-1350-24x112-9-A	9	Daktronics	Green Quadrant
VMS 514B	VF-1350-8x112-9-A	9	Daktronics	Green Quadrant
VMS 516A	VF-1350-24x128-9-A	15	Daktronics	Green Quadrant
VMS 516B	VF-1350-24x128-9-A	15	Daktronics	Green Quadrant
VMS 518A	VF-1350-8x128-9-A	17	Daktronics	Green Quadrant
VMS 518B	VF-1350-24x112-9-A	17	Daktronics	Green Quadrant
VMS 518C	VF-1350-8x152-9-A	17	Daktronics	Green Quadrant
VMS 521A	VF-1350-8x152-9-A	21	Daktronics	Green Quadrant
VMS 521B	VF-1350-8x152-9-A	21	Daktronics	Green Quadrant
VMS 522A	VF-1350-8x152-9-A	22	Daktronics	Green Quadrant
VMS 522B	VF-1350-8x176-9-A	22	Daktronics	Green Quadrant
VMS 522C	VF-1350-8x112-9-A	22	Daktronics	Green Quadrant
VMS 523A	VF-1350-8x152-9-A	14	Daktronics	Green Quadrant
VMS 523B	VF-1350-8x152-9-A	14	Daktronics	Green Quadrant
VMS 525A	VF-1350-24x128-9-A	23	Daktronics	Green Quadrant
VMS 525B	VF-1350-8x112-9-A	23	Daktronics	Green Quadrant
VMS 525C	VF-1350-24x128-9-A	23	Daktronics	Green Quadrant
VMS 525D	VF-1350-24x128-9-A	23	Daktronics	Green Quadrant
VMS 526A	VF-1350-24x112-9-A	10	Daktronics	Green Quadrant
VMS B1	VF-2320-16x160-20-A	B1	Daktronics	Green Garage
VMS B2	VF-2320-16x160-20-A	B2	Daktronics	Green Garage
VMS-VW1	VF-1420-3-7x105-18-A		Daktronics	Van Wyck Expway
VMS-JFK1	VF-1420-3-7x90-18-A		Daktronics	JFK Expway
VMS 502A	VF-1350-24x88-9-A	70	Daktronics	Red Quadrant
VMS 502B	VF-1350-24x88-9-A	70	Daktronics	Red Quadrant
VMS 502C	VF-1350-24x88-9-A	70	Daktronics	Red Quadrant
VMS 503B	VF-1350-16x96-9-A	90	Daktronics	Red Quadrant
VMS 506B	VF-1350-24x56-9-A	506	Daktronics	Red Quadrant
VMS 508A	VF-1350-16x120-9-A	95	Daktronics	Red Quadrant
VMS 508B	VF-1350-16x120-9-A	95	Daktronics	Red Quadrant
VMS 511A	VF-1350-16x88-9-A	41A	Daktronics	Red Quadrant
VMS 511B	VF-1350-16x96-9-A	41A	Daktronics	Red Quadrant
VMS 511C	VF-1350-16x120-9-A	41A	Daktronics	Red Quadrant
VMS 512A	VF-1350-16x88-9-A	42	Daktronics	Red Quadrant
VMS 512B	VF-1350-16x96-9-A	42	Daktronics	Red Quadrant
VMS 517A	VF-1350-24x88-9-A	91	Daktronics	Red Quadrant
VMS 517B	VF-1350-24x88-9-A	91	Daktronics	Red Quadrant
VMS 517C	VF-1350-24x120-9-A	91	Daktronics	Red Quadrant
VMS 521B	VF-1350-16x96-9-A	92	Daktronics	Red Quadrant
VMS 522A	VF-1350-16x96-9-A	93	Daktronics	Red Quadrant
VMS 522B	VF-1350-16x96-9-A	93	Daktronics	Red Quadrant
VMS 523A	VF-1350-16x64-9-A	523	Daktronics	Red Quadrant
VMS 528A	VF-1350-16x64-9-A	528	Daktronics	Red Quadrant
VMS 529A	VF-1350-16x64-9-A	529	Daktronics	Red Quadrant
VMS 610A	VF-1350-16x96-9-A	40	Daktronics	Red Quadrant
VMS 610B	VF-1350-16x120-9-A	40	Daktronics	Red Quadrant
VMS 102A			Daktronics	Yellow Quadrant
VMS 102B			Daktronics	Yellow Quadrant

VMS 102C			Daktronics	Yellow Quadrant
VMS 862A	VF-2350	207	Daktronics	Blue Quadrant
VMS 862B	VF-2350	207	Daktronics	Blue Quadrant
VMS 921A	VF-2350	411	Daktronics	Blue Quadrant
VMS 921B	VF-2350	411	Daktronics	Blue Quadrant
VMS 923A	VF-2350	418	Daktronics	Blue Quadrant
VMS 923B	VF-2350	412	Daktronics	Blue Quadrant
VMS 928B	VF-2350	413	Daktronics	Blue Quadrant
VMS 929A	VF-2350	929	Daktronics	Blue Quadrant
VMS 930A	VF-2350	414	Daktronics	Blue Quadrant
VMS 930B	VF-2350	414	Daktronics	Blue Quadrant
VMS 932A	VF-2350	415	Daktronics	Blue Quadrant

Attachment A (Continued)
JFK Airport - Existing for Maintenance VIDS

Device	Quantity	Model	Manufacturer	Location
RPU	2	RackVision	*Econolite	JFK Expway & S.Cargo Rd
Image sensor	2	AIS Color Zoom,	*Econolite	JFK Expway & S.Cargo Rd
RPU	2	RackVision	*Econolite	JFK Expway &150th ST
Image sensor	2	AIS Color Zoom,	*Econolite	JFK Expway & 150th St
RPU	2	RackVision	*Econolite	Van Wyck Expway @ Bld 111
Image sensor	2	AIS Color Zoom,	*Econolite	Van Wyck Expway @ Bld 111
RPU	2	RackVision	*Econolite	Van Wyck Expway @ Bld 269
Image sensor	2	AIS Color Zoom,	*Econolite	Van Wyck Expway @ Bld 269

*Autoscope RackVision are trademarks of Image Sensing Systems, Inc.

Attachment B
ITS (VMS & VIDS) Certification Preventive Maintenance Checklist

Facility:	**Date:**
VMS/VIDS NO.	**Start Time:**
Location:	**Finish Time:**
Contractor: _____	**Technician:** _____

OK	TASK	DEFICIENCY NOTED	DEFICIENCY CORRECTED
	VMS Cabinet		
	Replace cabinet air filter		
	Inspect operation of fan and thermostat		
	Vacuum control cabinet to remove all dust and debris		
	Inspect operation of cabinet light and switch; replace if necessary		
	Inspect bonding and resistance to ground rod, clean, re-tighten as per manufacturer's requirements		
	Measure and record incoming AC service voltage (V=)		
	Inspect and tighten all terminal connections		
	Test & reset ground fault receptacles, circuit breakers and all equipment fuses, replace as required		
	Lubricate hinges and locks		
	Tighten mounting bolts per manufacturer's requirements		
	Check for water accumulation in the cabinet, seal as required. Replace duct seal per manufacturer's requirements		
	Check that all cables and connectors are secured.		
	Inspect door gaskets and realign or replace per manufacturer's requirements		
	Sign Board		
	Inspect sign mounting hardware re-tighten per manufacturer's requirements		
	Check for cracked and/or damaged mounting brackets		
	Inspect gaskets for water infiltration and deterioration		
	Inspect doors, wing nuts, hinges & louvers		
	Check for branches & foliage obstructing indications-Report to the Port Authority		
	Check for cracked and/or missing screws - Replace per manufacturer's requirements		
	Inspect bushings on cable outlet; replace per manufacturer's requirements		
	Inspect terminal block connections and re-tighten per manufacturer's requirements		
	Sign Controller		
	Check that sign controller is on and shows no errors		
	Check that the Comm LED flashes indicating connection to the central server. If there is no LED activity, check (LCD display main menu, configuration) that the controller address is correct and the central comm port baud rate is set to 57600		
	Get sign status:		
	On sign controller flip Local/Remote switch to Local.		
	Check that the LED labeled Local is On		
	Connect laptop to sign controller serial port and login; user name: Administrator		
	Click on Vanguard display icon; sign name; right click on sign		
	Right click on sign and get status. (Note: All status can also be retrieved using the controller keypad and LCD display)		
	Check that the status for the temperature sensors, light sensors, power supplies and pixel are displayed		
	Save and/or record the sign status and note all failures. Note: for bad pixel modules or power supply, status will indicate location of defects.		

	Flip the Remote/Local switch back to remote

Video Detection			
	Clean video detection camera lenses		
	Check video detectors to verify that vehicles are detected in all zones, adjust camera position as required and tune per manufacturer's requirements		
	Inspect camera mounting to verify that it is secure		
Machine Vision Processor (MVP) cabinet			
	In the cabinet, check that the Power LED indicator is on		
	Check that the Video sync LED is on		
	If the video sync LED is off, disconnect the video detection cable from the MVP input and check that video is present on a video monitor.		
	Reconnect the video detection cable and check that the READY indicator is lit.		
	Position Rotary Selector to Position 8 and observe the I/O LEDs 1-16 flashing in conjunction with detector activations. (Note: During Setup, all unused outputs should be disabled so that only those LEDs associated with active detectors will illuminate.)		
	Check that the MVP communicates. The Ethernet LINK and ACTIVITY LEDs should occasionally blink.		
Other			
	File record with the Port Authority of NY & NJ		
	Signed:	**Date:**	

NOTE: In order to insure that all maintenance tasks have been performed and that all deficiencies have been identified and/or corrected, each line must be filled out and this page must be signed by the inspecting technician and a copy placed in the cabinet and provided to Facility Manager.

ATTACHMENT C - ITS EQUIPMENT (VMS and VIDS) REPAIR, REPLACEMENT and MODIFICATION UNIT COST ITEMS

Work performed under the below noted pay Items shall include labor, materials and equipment required to complete the work specified in accordance with the Manufacturers Documentation and when applicable the referenced PANYNJ Specifications and Details.

ITEM NUMBER	FURNISH AND INSTALL ITEM DESCRIPTION	UNIT	PANYNJ SPECIFICATION	PANYNJ DETAIL
M1	VMS Controller, VFC-3000, NTCIP, P/N 0A-1248-0016	EA	Section 16575- Wide Angle LED VMS	NA
M2	VMS Display Module III; VAN-8X8-34-4A-30X30-20MA-P-B2, P/N 0A-1253-3018	EA	Section 16575- Wide Angle LED VMS	NA
M3	VMS CAN Distribution Board; CAN 1-10, 5V, COATED, CR1105, P/N 0P-1248-0005	EA	Section 16575- Wide Angle LED VMS	NA
M4	VMS CAN Distribution Board; CAN 1-5, 5V, COATED, CR1105, P/N 0P-1248-0007	EA	Section 16575- Wide Angle LED VMS	NA
M5	VMS CAN Distribution Board; CAN 1-10, 5V, COATED, CR1105, P/N 0P-1248-0011	EA	Section 16575- Wide Angle LED VMS	NA
M6	VMS CAN Temperature & Light Detector, P/N 0P-1247-0003	EA	Section 16575- Wide Angle LED VMS	NA
M7	VMS CAN Temperature & Light Detector, Coated with Bus Terminal, P/N 0P-1247-0002	EA	Section 16575- Wide Angle LED VMS	NA
M8	VMS Inactive CAN Temperature & Light Detector, P/N 0P-1247-0007	EA	Section 16575- Wide Angle LED VMS	NA
M9	VMS Switching Power Supply; +4 VOLT, 3AMP, P/N A-1467	EA	Section 16575- Wide Angle LED VMS	NA
M10	VMS Redundant Power Source, 9Vdc, coated, P/N PO - 1247 - 0025	EA	Section 16575- Wide Angle LED VMS	NA
M11	VMS CAN DC I/O, 24 input, 5V, coated, P/N OP - 1247 - 0009	EA	Section 16575- Wide Angle LED VMS	NA
M12	VMS Power Supply:12V Switching, 27A, 330 W, P/N A-1648	EA	Section 16575- Wide Angle LED VMS	NA
M13	AUTOSCOPE RACKVISION TERRA	EA	Section 16577 - Video Image Detector System	NA
M14	AUTOSOPE Interface Panel (AIP)	EA	Section 16577 - Video Image Detector System	NA
M15	AUTOSCOPE Composite Sensor Cable	LF	Section 16577 - Video Image Detector System	NA
M16	AUTOSCOPE Image Sensor AIS Color Zoom	EA	Section 16577 - Video Image Detector System	NA
MOT1	INTERSECTION LANE CLOSURES (PER APPROACH)	EA	NA	O & M STD. 20
MOT2	INTERSECTION LANE CLOSURES (PER CALENDAR DAY)	EA	NA	O & M STD. 20
MOT3	BACKUP VEHICLE WITH IMPACT ATTENUATOR	DAY	NA	O & M STD. 20

ATTACMENT D
JFK Airport - VMS Equipment Not In Contract

Device ID	Type/ Size	Cabinet #	Manufacturer	Location
VMS 863A	Flip disk-4 lines x 15 char	206	Mark IV	Blue Quadrant
VMS 928A	Flip disk-1 line x 15 char	413	Mark IV	Blue Quadrant
VMS 932B	Flip disk-1 line x 18 char	415	Mark IV	Blue Quadrant
VMS 933A	Flip disk-1 line x 15 char	416	Mark IV	Blue Quadrant
VMS 933B	Flip disk-1 line x 15 char	416	Mark IV	Blue Quadrant
VMS 934A	Flip disk-1 line x 15 char	417	Mark IV	Blue Quadrant
VMS 934B	Flip disk-1 line x 15 char	417	Mark IV	Blue Quadrant
VMS 940A	Flip disk-1 line x 15 char	419	Mark IV	Blue Quadrant
VMS 940B	Flip disk-1 line x 18 char	419	Mark IV	Blue Quadrant

JOHN F. KENNEDY INTERNATIONAL AIRPORT -- INVENTORY

QUADRANT	SIGN ID	SIGN ID	SIGN TYPE	DIRECTION	SIGN LOCATION	Device model #	Controller	PTZ Driver	Encoder type	SIGN DISPLAY PANEL	CABINET	OCC HAS CONTROL	HARDWARE ADDRESS	COMM PORT	BAUD RATE	LOCAL / REMOTE SWITCH ON CONTROLLER	SYSTEM ERROR ON CONTROL PANEL	SYSTEM ERROR MESSAGES	PIXEL TEST	MESSAGE TEST	ADDITIONAL TROUBLE INFO	DAKTRONICS CONTRACT #	CABINET LOCKED/ POWER ON/OFF	DAKTRONICS DIAGNOSIS	VMS REPLACE PART #'S
	JFK-CA-VMS-199	VMS VW1	DAKTRONICS TYPE: VF-1350-56x192-9-A	SB	VAN WYCK EXP. SB (FEDERAL CIRCLE)		VFC-3000			LED: 4 LINE, 24 CHAR. (18")		NO	25	COM3	38400	OK		ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	COMM ERROR TO ALL PERIPHERALS	C12206	NO LOCK/ POWER TURNED ON	NO COMM TO PERIPHERALS	Possibly 0P-1248-0005 CAN distrubution board, Fiber connections, or 0A-1248-0016 VFC-3000
	JFK-CC-VMS-209	VMS JFK1	DAKTRONICS: VF-1350-56x168-9-A	IN	JFK EXP. AT 150TH AVE.		VFC-3000			LED: 4 LINE, 21 CHAR. (18")	JFK1; NO DAMGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	24	COM2	9600	OK		PIXEL ERROR	PASSED	PASSED		C12206	NO LOCK/ POWER TURNED ON	UNKNOWN	0A-1253-3018 | INACTIVE MOD III; VAN-8X8-34-4A-30X30-20MA-P-B2
	JFK-GQ-VMS-106	VMS- 518A	DAKTRONICS: VF-1350-8x128-9-A	EB	AT SIGN STRUCTURE # 17, TERMINAL 2 OUTER ROADWAY		VFC-3000			LED (8x8): 1 LINE, 18 CHAR. (9"); SIZE (15'-6"X2'-0")	# SB17; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	8	COM12	57600	OK		ATTACHED DEVICE ERROR	PASSED	PASSED		C12206	YES LOCKED/ POWER TURNED ON		0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
		VMS- 518B	DAKTRONICS: VF-1350-24x112-9-A	EB			VFC-3000			LED (8x8): 2 LINES, 15 CHAR. (9"); SIZE (13'-6"X4'-0")		CONNECTED	9	COM12	57600	OK		PHOTO CELL ERROR	PASSED	PASSED		C12206			0P-1247-0003 CAN TEMP/LIGHT, COATED, W/O BUS TERM
		VMS- 518C	DAKTRONICS: VF-1350-8x152-9-A	EB			VFC-3000			LED (8x8): 1 LINE, 21 CHAR. (9"); SIZE (18'-0"X2'-0")		CONNECTED	10	COM12	57600	OK		PIXEL ERROR, ATTACHED DEVICE ERROR	PASSED	PASSED		C12206			0A-1253-3018 | INACTIVE MOD III; VAN-8X8-34-4A-30X30-20MA-P-B2, 0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
	JFK-GQ-VMS-107	VMS- 516A	DAKTRONICS: VF-1350-24x128-9-A	EB	AT SIGN STRUCTURE # 15, TERMINAL 2 BUS/VAN ROADWAY		VFC-3000			LED (8x8): 2 LINES, 18 CHAR. (9"); SIZE 15'-6"X4'-0"	# 21 ; FOUNDATION APRON CRACKED; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	6	COM11	57600	STUCK IN REMOTE		NO ERRORS	PASSED	PASSED	SWITCH IS NOT STUCK, FLIPS BOTH WAYS BUT WILL NOT CHANGE MODE	C12206	YES LOCKED/ POWER TURNED ON	BAD LOCAL/REMOTE SWITCH	0A-1248-0016 VFC-3000
		VMS- 516B	DAKTRONICS: VF-1350-24x128-9-A	EB			VFC-3000			LED (8x8): 2 LINES, 18 CHAR. (9"); SIZE (15'-6"X4'-0")		NO	7	COM11	57600	STUCK IN REMOTE		NO ERRORS	PASSED	PASSED	SWITCH IS NOT STUCK, FLIPS BOTH WAYS BUT WILL NOT CHANGE MODE	C12206			0A-1248-0016 VFC-3000
	JFK-GQ-VMS-108	VMS- 218A	DAKTRONICS: VF-1350-24x128-9-A; SIZE (15'-6"X4'-0")	SB	AT SIGN STRUCTURE # 75A, JFK EXPRESS LOOP IN		VFC-3000			LED (8x8): 2 LINES, 18 CHAR. (9") ; SIZE (15'X6"X4'-0")	# SB15; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	16	COM15	57600	OK		NO ERRORS	PASSED	PASSED		C12206	YES LOCKED/ POWER TURNED ON		
		VMS- 218B	DAKTRONICS: VF-1350-24x128-9-A	SB			VFC-3000			LED (8x8): 2 LINES, 18 CHAR. (9")		NO	17	COM15	57600	OK		NO COMM	FAIL	ILLEGIBLE, PIXEL ERRORS		C12206			Possibly 0P-1248-0005 CAN distrubution board, Fiber connections, or 0A-1248-0016 VFC-3000
		VMS- 218C	DAKTRONICS: VF-1350-24x128-9-A	SB			VFC-3000			LED (8x8): 2 LINES, 18 CHAR. (9")	# 75A; CABINET DOOR UNALIGNED; SIGN NO DAMAGE; NO MISSING PARTS INSIDE CABINET	CONNECTED	18	COM15	57600	OK		PHOTO CELL ERROR	PASSED	PASSED		C12206	YES LOCKED/ POWER TURNED ON		0P-1247-0003 CAN TEMP/LIGHT, COATED, W/O BUS TERM
	JFK-GQ-VMS-109	VMS- 521A	DAKTRONICS: VF-1350-8x152-9-A	NB	AT SIGN STRUCTURE # 21		VFC-3000			LED (8x8): 1 LINE, 21 CHAR. (9"); SIZE (18'WX2'-0")		NO	11	COM21	57600	STUCK IN REMOTE		POWER ERROR	PASSED	PASSED	SWITCH IS NOT STUCK, FLIPS BOTH WAYS BUT WILL NOT CHANGE MODE	C12206		BAD LOCAL/REMOTE SWITCH	0A-1248-0016 VFC-3000, A-1648 INACTIVE; POWER SUPPLY; 12VDC SWITCHING; 27A, 330W
		VMS- 521B	DAKTRONICS: VF-1350-8x152-9-A	NB			VFC-3000			LED (8x8): 1 LINE, 21 CHAR. (9"); SIZE (18'WX2'-0")		CONNECTED	12	COM21	57600	OK		NO ERRORS	PASSED	PASSED		C12206			
	JFK-GQ-VMS-110	VMS- 525A	DAKTRONICS: VF-1350-24x128-9-A	NB	AT SIGN STRUCTURE # 23, JFK EXPRESS IN/ SERVICE		VFC-3000			LED (8x8): 2 LINES, 18 CHAR. (9")	# 23 ; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	19	COM14	57600	OK		PIXEL ERROR	PASSED	PASSED		C12206	YES LOCKED/ POWER TURNED ON		0A-1253-3018 | INACTIVE MOD III; VAN-8X8-34-4A-30X30-20MA-P-B2
		VMS-525B	DAKTRONICS: VF-1350-8x112-9-A	NB			VFC-3000			LED (8x8): 1 LINE, 15 CHAR. (9")		CONNECTED	20	COM14	57600	OK		NO ERRORS	PASSED	PASSED		C12206			
		VMS- 525C	DAKTRONICS: VF-1350-24x128-9-A	NB			VFC-3000			LED (8x8): 2 LINES, 18 CHAR. (9")		CONNECTED	21	COM14	57600	OK		PIXEL ERROR, PHOTOCELL ERROR	PASSED	PASSED		C12206			0P-1247-0003 CAN TEMP/LIGHT, COATED, W/O BUS TERM, 0A-1253-3018 | INACTIVE MOD III; VAN-8X8-34-4A-30X30-20MA-P-B2
		VMS- 525D	DAKTRONICS: VF-1350-24x128-9-A	NB			VFC-3000			LED (8x8): 2 LINES, 18 CHAR. (9")		NO	22	COM14	57600	OK		NO ERRORS	PASSED	PASSED		C12206			Check communication to the sign
	JFK-GQ-VMS-111	VMS- 526A	DAKTRONICS: VF-1350-24x112-9-A	NB	AT SIGN STRUCTURE # 10, JFK EXPRESS (IN) RECIRC.		VFC-3000			LED (8x8): 2 LINES, 15 CHAR. (9"); SIZE (13'-6"X4'-0")	# 10; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	23	COM13	57600	STUCK IN REMOTE		NO ERRORS	PASSED	PASSED	SWITCH IS NOT STUCK, FLIPS BOTH WAYS BUT WILL NOT CHANGE MODE	C12206	YES LOCKED/ POWER TURNED ON	BAD LOCAL/REMOTE SWITCH	0A-1248-0016 VFC-3000
	JFK-GQ-VMS-112	VMS- 514A	DAKTRONICS: VF-1350-24x112-9-A	NB	AT SIGN STRUCTURE # 9, TERMINAL 2 OUTER ROADWAY		VFC-3000			LED (8x8): 2 LINES, 15 CHAR. (9"); SIZE (13'-6"X4'-0")	# SB9; CABINET DOOR UNALIGENED ; SIGN NO DAMAGE; NO MISSING PARTS INSIDE CABINE	CONNECTED	4	COM11	57600	OK		PIXEL ERROR	PASSED	PASSED		C12206	YES LOCKED/ POWER TURNED ON		0A-1253-3018 | INACTIVE MOD III; VAN-8X8-34-4A-30X30-20MA-P-B2
		VMS- 514B	DAKTRONICS: VF-1350-8x112-9-A	NB			VFC-3000			LED (8x8): 1 LINE, 15 CHAR. (9"); SIZE (13'-6"X2'-0")		CONNECTED	5	COM11	57600	OK		NO ERRORS	PASSED	PASSED		C12206			
	JFK-GQ-VMS-116	VMS- 522A	DAKTRONICS: VF-1350-8x152-9-A	NB	AT SIGN STRUCTURE # 22, AIRPORT EXIT/RECIRC.		VFC-3000			LED (8x8): 1 LINE, 21 CHAR. (9"); SIZE (18'WX2'-0")	# 22; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	13	COM21	57600	OK		NO ERRORS	PASSED	PASSED		C12206	YES LOCKED/ POWER TURNED ON		
		VMS- 522B	DAKTRONICS: VF-1350-8x176-9-A	NB			VFC-3000			LED (8x8): 1 LINE, 24 CHAR. (9"); SIZE (20'-6"WX2'-0")		CONNECTED	14	COM21	57600	OK		PIXEL ERROR	PASSED	PASSED		C12206			0A-1253-3018 | INACTIVE MOD III; VAN-8X8-34-4A-30X30-20MA-P-B2
		VMS- 522C	DAKTRONICS: VF-1350-8x112-9-A	NB			VFC-3000			LED (8x8): 1 LINE, 15 CHAR. (9"); SIZE (13'-6"WX2'-0"h)		CONNECTED	15	COM21	57600	OK		ATTACHED DEVICE ERROR	PASSED	PASSED		C12206			0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
	JFK-GQ-VMS-117	VMS- 523A	DAKTRONICS: VF-1350-8x152-9-A	NB	AT SIGN STRUCTURE # 14, GREEN PARKING NORTH		VFC-3000			LED (8x8): 1 LINE, 21 CHAR. (9"); SIZE (18'-0"X2'-0")	# 14 ; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	26	COM22	57600	OK		ATTACHED DEVICE ERROR	PASSED	PASSED		C12206	YES LOCKED/ POWER TURNED ON		0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
		VMS- 523B	DAKTRONICS: VF-1350-8x152-9-A	NB			VFC-3000			LED (8x8): 1 LINE, 21 CHAR. (9"); SIZE (18'-0"X2'-0")		CONNECTED	27	COM22	57600	OK		NO ERRORS	PASSED	PASSED		C12206			
	JFK-GQ-VMS-119	VMS- 511A	DAKTRONICS: VF-1350-24x112-9-A	NB	AT SIGN STRUCTURE # 7, AIRPORT EXIT/RECIRC.		VFC-3000			LED (8x8): 2 LINES, 15 CHAR. (9"); SIZE (13'-6"WX4'-0"H)	# 7; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	1	COM13	57600	OK		PHOTOCELL, ATTACHED DEVICE AND PIXEL	PASSED	PASSED		C12206	YES LOCKED/ POWER TURNED ON		0A-1253-3018 | INACTIVE MOD III; VAN-8X8-34-4A-30X30-20MA-P-B2, 0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED, 0P-1247-0003 CAN
		VMS- 511B	DAKTRONICS: VF-1350-8x112-9-A	NB			VFC-3000			LED (8x8): 1 LINE, 15 CHAR. (9"); SIZE (13'-6"WX2'-0"H)		CONNECTED	2	COM13	57600	OK		ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	COMM ERROR TO ALL PERIPHERALS	C12206		NO COMM TO PERIPHERALS	Possibly 0P-1248-0005 CAN distrubution board, Fiber connections, or 0A-1248-0016 VFC-3000
		VMS- 511C	DAKTRONICS: VF-1350-8x208-9-A	NB			VFC-3000			LED (8x8): 1 LINE, 28 CHAR. (9"); SIZE (24'-0"WX2'-0"H)		NO	3	COM13	57600	OK		ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	COMM ERROR TO ALL PERIPHERALS	C12206		NO COMM TO PERIPHERALS	Possibly 0P-1248-0005 CAN distrubution board, Fiber connections, or 0A-1248-0016 VFC-3000
	JFK-GQ-VMS-151	VMS-B1	VF-2320-16x160-20-A	EB	GREEN PARKING GARAGE RAMP		VFC-3000			LED (8x8): 2 LINES, 15 CHAR. (9"); SIZE (13'-6"WX4'-0"H)		CONNECTED	19	COM15	57600			NO ERRORS	PASSED	PASSED		C17972			
	JFK-GQ-VMS-151	VMS-B2	VF-2320-16x160-20-A	EB	GREEN PARKING GARAGE RAMP		VFC-3000			LED (8x8): 2 LINES, 15 CHAR. (9"); SIZE (13'-6"WX4'-0"H)		CONNECTED	12	COM12	57600			NO ERRORS	PASSED	PASSED		C17972			
	JFK-BQ-VMS-118	VMS- 862A	Daktronics Vanguard VF-2350-8x96-34-A	NB	AT SIGN STRUCTURE # 207, GREEN PARKING NORTH		VFC-3000			1 LINE, 16 CHAR.	#207	NO	19	COM32	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
		VMS- 862B	Daktronics Vanguard VF-2350-8x96-34-A	NB			VFC-3000			1 LINE, 16 CHAR.	#207	NO	20	COM32	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
	~~JFK-BQ-VMS-121~~	~~VMS- 863B~~	~~MARK IV~~	~~NB~~	~~AT SIGN STRUCTURE # 206, VAN WICK EXPRESSWAY TO TERM~~		~~VFC-3000~~			~~FO flip disk: 4 LINES, 15 CHAR.~~		~~ERROR~~	~~18~~					~~POWER ERROR/ ATTACH DEVICE ERROR / MESSAGE ERROR~~	~~UNABLE TO RUN PIXEL TEST~~	~~UNABLE TO RUN MESSAGE TEST COMPLETE FAILURE~~					

	JFK-BQ-VMS-122	VMS- 929A	Daktronics Vanguard VF-2350-16x112-34-A	NB	AT GROUND MOUNTED SIGN STRUCTURE # 929, IN A MEDIAN AT JFK EXPRESSWAY		VFC-3000			2 LINE, 18 CHAR.	#929	NO	17	COM32	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
	JFK-BQ-VMS-123	VMS- 921A	Daktronics Vanguard VF-2350-16x112-34-A	SB	SIGN STRUCTURE # 411, VAN WICK EXPRESSWAY TO TERM		VFC-3000			2 LINE, 18 CHAR.	#411	NO	15	COM31	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
		VMS- 921B	Daktronics Vanguard VF-2350-16x112-34-A	SB			VFC-3000			2 LINE, 18 CHAR.	#411	NO	16	COM31	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
	~~JFK-BQ-VMS-124~~	~~VMS- 934A~~	~~MARK IV~~	~~SB~~	~~AT SIGN STRUCTURE # 417, VAN WICK EXPRESSWAY TO TERM~~		~~VFC-3000~~			~~FO flip disk: 1 LINE, 15 CHAR.~~	~~# 417; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET~~	~~NO~~	~~2~~			~~OK~~		~~POWER ERROR/ ATTACH DEVICE ERROR / MESSAGE ERROR~~	~~UNABLE TO RUN PIXEL TEST~~	~~UNABLE TO RUN MESSAGE TEST COMPLETE FAILURE~~			YES LOCKED/ POWER TURNED ON		
		~~VMS- 934B~~	~~MARK IV~~	~~SB~~			~~VFC-3000~~			~~FO flip disk: 1 LINE, 15 CHAR.~~		~~NO~~	~~3~~			~~OK~~		~~LAMP ERROR~~	~~PASSED~~	~~PASSED~~					
	JFK-BQ-VMS-125	VMS- 923A	Daktronics Vanguard VF-2350-16x128-34-A	NB	AT CANTILEVER SIGN STRUCTURE # 418, JFK 41 OVER TERMINAL ARRIVAL		VFC-3000			2 LINE, 21 CHAR.	#418	NO	1	COM31	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
	JFK-BQ-VMS-126	VMS- 923B	Daktronics Vanguard VF-2350-8x96-34-A	NB	AT CANTILEVER SIGN STRUCTURE # 412, JFK 40		VFC-3000			1 LINE, 16 CHAR.	#412	NO	14	COM31	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
	~~JFK-BQ-VMS-127~~	~~VMS- 933A~~	~~MARK IV~~	~~WB~~	~~AT SIGN STRUCTURE # 416, RECIC TO TERM 4~~		~~VFC-3000~~			~~FO flip disk: 1 LINE, 15 CHAR.~~	~~# 416; VEGATATION GROWTH AROUND CABINET; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET~~	~~NO~~	~~4~~			~~OK~~		~~POWER ERROR/ ATTACH DEVICE ERROR / MESSAGE ERROR~~	~~UNABLE TO RUN PIXEL TEST~~	~~UNABLE TO RUN MESSAGE TEST COMPLETE FAILURE~~			YES LOCKED/ POWER TURNED ON		
		~~VMS- 933B~~	~~MARK IV~~	~~WB~~			~~VFC-3000~~			~~FO flip disk: 1 LINE, 15 CHAR.~~		~~NO~~	~~5~~			~~OK~~		~~POWER ERROR/ ATTACH DEVICE ERROR / MESSAGE ERROR~~	~~UNABLE TO RUN PIXEL TEST~~	~~UNABLE TO RUN MESSAGE TEST COMPLETE FAILURE~~					
	JFK-BQ-VMS-128	VMS- 932A	Daktronics Vanguard VF-2350-8x96-34-A	WB	AT SIGN STRUCTURE # 415, RECIC TO TERM 4		VFC-3000			1 LINE, 16 CHAR.	# 415; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	NO	6					NO ERRORS	PASSED	PASSED		C18539	YES LOCKED/ POWER TURNED ON		Check communication to the sign
		~~VMS- 932B~~	~~MARK IV~~	~~WB~~			~~VFC-3000~~			~~FO flip disk: 1 LINE, 18 CHAR.~~		NO	~~7~~			~~OK~~		~~UNABLE TO RUN~~	~~UNABLE TO RUN PIXEL~~	~~UNABLE TO RUN MESSAGE TEST~~					
	JFK-BQ-VMS-133	VMS- 930A	Daktronics Vanguard VF-2350-8x96-34-A	NB	AT SIGN STRUCTURE # 414, JF4 42		VFC-3000			1 LINE, 16 CHAR.	#415	NO	8	COM33	57600			ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	COMM ERROR TO ALL PERIPHERALS	C18539		NO COMM TO PERIPHERALS	Possibly 0P-1248-0012 CAN DIST BD;CAN 1-5, REG, COATED, CR1105, Fiber connections, or 0A-1248-0016 VFC-3000
		VMS- 930B	Daktronics Vanguard VF-2350-8x112-34-A	NB			VFC-3000			1 LINE, 18 CHAR.	#414	NO	9	COM33	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
	JFK-BQ-VMS-135	~~VMS- 928A~~	~~MARK IV~~	~~NB~~	AT SIGN STRUCTURE # 413, DEPARTURE ROADWAY TERMINAL 4		~~VFC-3000~~				~~#413~~	NO	~~10~~					~~ALL PIXELS STUCK OFF~~	~~ALL PIXELS STUCK OFF~~	~~ALL PIXELS STUCK OFF~~					
		VMS- 928B	Daktronics Vanguard VF-2350-8x112-34-A	NB			VFC-3000			1 LINE, 18 CHAR.	#413	NO	11	COM33	57600			NO ERRORS	PASSED	PASSED		C18539			Check communication to the sign
	JFK-BQ-VMS-136	VMS- 940A	MARK IV	NB	AT SIGN STRUCTURE # 419, DEPARTURE ROADWAY TERMINAL 4		VFC-3000			FO flip disk: 1 LINE, 15 CHAR.	# 419: VEGATATION GROWTH AROUND CABINET; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	NO	12			OK		UNABLE TO CONNECT TO CONTROLLER	UNABLE TO RUN PIXEL TEST	UNABLE TO RUN MESSAGE TEST			YES LOCKED/ POWER TURNED ON		
		VMS- 940B	MARK IV	NB			VFC-3000			FO flip disk: 1 LINE, 18 CHAR.		NO	13			OK		PASSED	PASSED	PASSED					
		102A			VAN WYCK APPROACH TO TERMINAL 5	?	VFC-3000	?	?			NO	1	COM57	57600			NO ERRORS	PASSED	PASSED		?	NO LOCK/ POWER TURNED ON		Check communication to the sign
		102B			VAN WYCK APPROACH TO TERMINAL 5		VFC-3000					NO	2	COM57	57600			NO ERRORS	PASSED	PASSED		?			Check communication to the sign
		102C			VAN WYCK APPROACH TO TERMINAL 5		VFC-3000					NO	3	COM57	57600			NO ERRORS	PASSED	PASSED		?			Check communication to the sign
	JFK-RQ-VMS-174	VMS-610 A	DAKTRONICS: VF-1350-16X96-9-A	WB	SIGN STRUCTURE # 40, VAN WYCK EXPWY (OUT)		VFC-3000			LED(8X8): 1 LINE,13 CHAR.(9");SIZE (13'4"WX2'5"H)	# 40; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSDIE CABINET	CONNECTED	23	COM51	57600	OK		POWER, ATTACHED DEVICE, PHOTOCELL AND CLIMATE CONTROL ERROR	PASSED	PASSED		C11494	NO LOCK/ POWER TURNED ON		A-1648 INACTIVE; POWER SUPPLY; 12VDC SWITCHING; 27A, 330W, 0P-1247-0002 CAN TEMP & LIGHT DETECTOR, COATED, W/ BUS TERM, 0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
		VMS-610 B	DAKTRONICS: VF-1350-16X120-9-A	WB		VAN WYIV EXP	VFC-3000	VAN WYIV EXP	VAN WYIV EXP	LED(8X8): 1 LINE,16 CHAR.(9"); SIZE (15'6"WX2'5"H)		CONNECTED	24	COM51	57600	OK		ATTACHED DEVICE ERROR	PASSED	PASSED		C11494			0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
	JFK-RQ-VMS-175	VMS-508 A	DAKTRONICS: VF-1350-16X120-9-A	SB/WB	SIGN STRUCTURE # 95, TERMINAL 8 EXIT TO HOV OVERPASS		VFC-3000			LED(8X8): 1 LINE,16 CHAR.(9"); SIZE (15'6"WX2'5"H)	#SC-95; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	NO	11	COM51	57600	OK		NO ERRORS	PASSED	PASSED		C11494	NO LOCK/ POWER TURNED ON		Check communication to the sign
		VMS-508 B	DAKTRONICS: VF-1350-16X88-9-A	SB/WB		VAN WYIV EXP	VFC-3000	VAN WYIV EXP	VAN WYIV EXP	LED(8X8): 1 LINE,12 CHAR.(9"); SIZE (12'6"WX2'5"H)		NO	12	COM51	57600	OK		NO ERRORS	PASSED	PASSED		C11494			Check communication to the sign
	JFK-RQ-VMS-176	VMS-522 A	DAKTRONICS: VF-1350-16X96-9-A	WB	SIGN STRUCTURE # 93, TERMINAL 8 TAXI		VFC-3000			LED(8X8): 1 LINE,13 CHAR.(9");SIZE (13'4"WX2'5"H)	# SC-93; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	19	COM50	57600	OK		ATTACHED DEVICE ERROR	PASSED	PASSED		C11494	NO LOCK/ POWER TURNED ON		0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
		VMS-522 B	DAKTRONICS: VF-1350-16X96-9-A	WB		VAN WYIV EXP	VFC-3000	VAN WYIV EXP	VAN WYIV EXP	LED(8X8): 1 LINE,13 CHAR.(9");SIZE (13'4"WX2'5"H)		CONNECTED	18	COM50	57600	OK		POWER, ATTACHED DEVICE AND PHOTOCELL	PASSED	PASSED		C11494			A-1648 INACTIVE; POWER SUPPLY; 12VDC SWITCHING; 27A, 330W, 0P-1247-0002 CAN TEMP & LIGHT DETECTOR, COATED, W/ BUS TERM
	JFK-RQ-VMS-177	VMS-521 B	DAKTRONICS: VF-1350-16X96-9-A	WB	SIGN STRUCTURE # 92 ,TERMINAL 8 DEPARTURE		VFC-3000			LED(8X8): 1 LINE,13 CHAR.(9");SIZE (13'4"WX2'5"H)	# SC-92; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	NO	17	COM51	57600	OK		ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	NO PERIPHERALS LISTED/CANNOT DETECT PERIPHERALS	C11494	NO LOCK/ POWER TURNED ON	NO PERIPHERALS LIST IN CONFIG/CANNOT DETECT PERIPHERALS	Possibly 0P-1248-0007 CAN DIST BD;CAN 1-5, 5V, COATED, CR1105, Fiber connections, or 0A-1248-0016 VFC-3000
	JFK-RQ-VMS-178	VMS-523 A	DAKTRONICS: VF-1350-16X64-9-A	WB	SIGN STRUCTURE # 523? , TERMINAL 8		VFC-3000			LED(8X8): 1 LINE,9 CHAR.(9");SIZE (10'2"WX2'5"H)	#5; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	15	COM50	57600	OK		NO ERRORS	PASSED	PASSED		C11494	YES LOCKED/ POWER TURNED ON		

JFK-RQ-VMS-179	VMS-528 A	DAKTRONICS: VF-1350-16X64-9-A	WB	SIGN STRUCTURE # 528? , TERMINAL 8		VFC-3000			LED(8X8): 1 LINE,9 CHAR.(9");SIZE (10'2"WX2'5"H)	# 528; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	14	COM50	57600	OK		ATTACHED DEVICE ERROR	PASSED	PASSED		C11494	YES LOCKED/ POWER TURNED ON		0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
JFK-RQ-VMS-180	VMS -529 A	DAKTRONICS: VF-1350-16X64-9-A	EB	SIGN STRUCTURE # 529? , TERMINAL 8		VFC-3000			LED(8X8): 1 LINE,9 CHAR.(9");SIZE (10'2"WX2'5"H)	# 529; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	13	COM50	57600	OK		ATTACHED DEVICE ERROR	PASSED	PASSED		C11494	NO LOCK/ POWER TURNED ON		0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
JFK-RQ-VMS-181	VMS -506 B	DAKTRONICS: VF-1350-24X56-9-A	EB	SIGN STRUCTURE # 506? , TERMINAL 8		VFC-3000			LED(8X8): 2 LINES,8 CHAR.(9");SIZE (8'1"WX3'4"H)	# 506; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	NO	16	COM50	57600			CONTROLLER DISPLAY NOT DISPLAYING AFTER			DISPLAY TURNS ON WHEN CONTROLLER	? Nothing matches but was proposed on C11494	NO LOCK/ POWER TURNED ON	DISPLAY TURNS OFF AFTER CONTROLLER RESTART OR	Possibly 0P-1248-0007 CAN DIST BD;CAN 1-5, 5V, COATED, CR1105, or 0A-1248-0016 VFC-3000
JFK-RQ-VMS-182	VMS -520 A	DAKTRONICS: VF-1350-16X56-9-A	WB	SIGN STRUCTURE # 520? , TERMINAL 8 ARRIVAL		VFC-3000			LED(8X8): 1 LINE,8 CHAR.(9");SIZE (8'11"WX2'5"H)	# 520A; NO DAMAGE TO CABINET; SIGN IS COVERED BY OTHER SIGN	NO	1	COM52	57600			STATIC SIGN ATTACHED OVER FRONT OF VMS	ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	COMM ERROR TO ALL PERIPHERALS	C11494	NO LOCK	NO COMM TO PERIPHERALS	Possibly 0P-1248-0007 CAN DIST BD;CAN 1-5, 5V, COATED, CR1105, Fiber connections, or 0A-1248-0016 VFC-3000
JFK-RQ-VMS-183	VMS -503 B	DAKTRONICS: VF-1350-16X96-9-A	WB	SIGN STRUCTURE # 90? , JFK EXP. IN (TERMINAL 8)		VFC-3000			LED(8X8): 1 LINE,13 CHAR.(9");SIZE (13'4"WX2'5"H)	# SC-90; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	5	COM49	57600	OK		PIXEL, PHOTOCELL AND ATTACHED DEVICE ERROR	PASSED	PASSED		C11494	NO LOCK/ POWER TURNED ON		0A-1253-3018 | INACTIVE MOD III; VAN-8X8-34-4A-30X30-20MA-P-B2, 0P-1247-0002 CAN TEMP & LIGHT DETECTOR, COATED, W/ BUS TERM, 0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
JFK-RQ-VMS-184	VMS-502 A	DAKTRONICS: VF-1350-24X88-9-A	WB	SIGN STRUCTURE # 70,, JFK EXP. IN (TERMINAL 8)		VFC-3000			LED(8X8): 2 LINES,12 CHAR.(9");SIZE (12'6"WX3'4"H)	# SC-70; NO DAMGETO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	NO	2	COM49	57600			NO ERRORS	PASSED	PASSED		C11494	NO LOCK/ POWER TO CABINET NOT TO CONTROLLER		
	VMS-502 B	DAKTRONICS: VF-1350-24X88-9-A	WB			VFC-3000			LED(8X8): 2 LINES,12 CHAR.(9");SIZE (12'6"WX3'4"H)		CONNECTED	3	COM49	57600			PHOTOCELL AND CLIMATE CONTROL ERROR	PASSED	PASSED		C11494			0P-1247-0002 CAN TEMP & LIGHT DETECTOR, COATED, W/ BUS TERM
	VMS-502 C	DAKTRONICS: VF-1350-24X88-9-A	WB			VFC-3000			LED(8X8): 2 LINES,12 CHAR.(9");SIZE (12'6"WX3'4"H)		CONNECTED	4	COM49	57600			POWER AND PHOTOCELL ERROR	PASSED	PASSED		C11494			A-1648 INACTIVE; POWER SUPPLY; 12VDC SWITCHING; 27A, 330W, 0P-1247-0002 CAN TEMP & LIGHT DETECTOR, COATED, W/ BUS TERM
JFK-RQ-VMS-185	VMS-517A	DAKTRONICS: VF-1350-24X88-9-A	NB/EB	SIGN STRUCTURE # 91, VAN WYIV EXP IN		VFC-3000			LED(8X8): 2 LINES,12 CHAR.(9");SIZE (12'6"WX3'4"H)	# SC-91; CABINET DOOR WORPED; NO DAMAGE TO SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	6	COM49	57600	OK		ATTACHED DEVICE ERROR	PASSED	PASSED		C11494	NO LOCK/ POWER TURNED ON		0P-1247-0009 CAN DC I/O; 24 INPUT,5V,COATED
	VMS-517 B	DAKTRONICS: VF-1350-24X88-9-A	NB/EB			VFC-3000			LED(8X8): 2 LINES,12 CHAR.(9");SIZE (12'6"WX3'4"H)		NO	7	COM49	57600	OK		CONTROLLER DISPLAY NOT DISPLAYING AFTER			DISPLAY TURNS ON WHEN CONTROLLER	C11494		DISPLAY TURNS OFF AFTER CONTROLLER RESTART OR	Possibly 0P-1248-0007 CAN DIST BD;CAN 1-5, 5V, COATED, CR1105, or 0A-1248-0016 VFC-3000
	VMS-517 C	DAKTRONICS: VF-1350-24X120-9-A	NB/EB			VFC-3000			LED(8X8): 2 LINES,16 CHAR.(9");SIZE (15'6"WX3'4"H)		CONNECTED	8	COM49	57600	OK		POWER ERROR	PASSED	PASSED		C11494			A-1648 INACTIVE; POWER SUPPLY; 12VDC SWITCHING; 27A, 330W
JFK-RQ-VMS-186	VMS-512 A	DAKTRONICS: VF-1350-16X88-9-A	EB	SIGN STRUCTURE # 42, AIRPORT EXIT /RECIRC		VFC-3000			LED(8X8): 1 LINE,12 CHAR.(9"); SIZE (12'6"WX2'5"H)	# 42; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	CONNECTED	9	COM49	57600	OK		NO ERRORS	PASSED	PASSED		C11494	NO LOCK/ POWER TURNED ON		
	VMS-512 B	DAKTRONICS: VF-1350-16X96-9-A	EB			VFC-3000			LED(8X8): 1 LINE,13 CHAR.(9"); SIZE (13'4"WX2'5"H)		CONNECTED	10	COM49	57600	OK		ATTACHED DEVICE ERROR, PHOTOCELL	PASSED	PASSED		C11494			
JFK-RQ-VMS-187	VMS-511 A	DAKTRONICS: VF-1350-16X88-9-A	EB	SIGN STRUCTURE # 41A, AIRPORT EXIT /RECIRC		VFC-3000			LED(8X8): 1 LINE,12 CHAR.(9"); SIZE (12'6"WX2'5"H)	# 41A; NO DAMAGE TO CABINET OR SIGN; NO MISSING PARTS INSIDE CABINET	NO	20	COM51	57600	OK		NO ERRORS	PASSED	PASSED		C11494	NO LOCK/ POWER TURNED ON		Check communication to the sign
	VMS-511 B	DAKTRONICS: VF-1350-16X96-9-A	EB			VFC-3000			LED(8X8): 1 LINE,13 CHAR.(9"); SIZE (13'4"WX2'5"H)		NO	21	COM51	57600	OK		NO ERRORS	PASSED	PASSED		C11494			Check communication to the sign
	VMS-511 C	DAKTRONICS: VF-1350-24X120-9-A	EB			VFC-3000			LED(8X8): 2 LINES,16 CHAR.(9");SIZE (15'6"WX3'4"H)		NO	22	COM51	57600	OK		ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	ALL PIXELS STUCK OFF	COMM ERROR TO ALL PERIPHERALS	C11494		NO COMM TO PERIPHERALS	Possibly 0P-1248-0007 CAN DIST BD;CAN 1-5, 5V, COATED, CR1105, Fiber connections, or 0A-1248-0016 VFC-3000

ROADWAY WORK AREA PROTECTION

I. INTRODUCTION

This standard establishes the typical methods and procedures for Port Authority and Contractor work crews to perform short-term stationary work on Port Authority roadways. (Up to one day's work schedule is considered "short-term stationary" although it may be necessary to re-establish the protection schemes on following days.) **Longer duration work, which may involve the installation of concrete barrier, traffic detours, etc., require special study by the Chief Traffic Engineer's Office, which should be contacted to provide appropriate traffic control plans before the work is started.**

All work should be coordinated with regularly scheduled lane closures, and should be coordinated with Facility Operations and Police to assure adequate protection of the work area and motorists. The Facility Communications Center must be notified of the location and type of work.

II. SHORT-TERM STATIONARY WORK AREA PROTECTION SCHEMES

Four typical roadway work area protection schemes are illustrated. These schemes will guide work crews in the required procedures for establishing the following protected work areas:

- closure of left lane
- closure of right lane
- closure of center lane (one way roadways only)
- closure of two adjacent lanes (one way roadways only)

III. TRAFFIC CONTROL PLANNING

The following should be considered by the Facility Maintenance Supervisor and/or the Resident Engineer's Office in consultation with Facility Operations prior to the beginning of work:

1. The possibility of fully closing the roadway and providing a detour route, to minimize worker exposure to traffic.
2. Other alternatives, such as doing the work during off-peak periods, or closing additional (adjacent) lanes to provide buffer space for workers.
3. Utilizing a rolling roadblock to hold traffic for brief durations, such as during the setup or removal of traffic control devices, to minimize worker exposure.
4. Other measures, such as tighter cone spacing, utilization of variable message signs, and/or police presence may be used, if there are concerns with sight distance limitations, nighttime visibility, excessive traffic speeds, roadway geometry, etc.
5. For moving operations or for brief duration work, setting up a reduced number of warning signs and other devices can minimize worker exposure to traffic. Police assistance and/or additional back-up trucks should be considered in these situations.
6. For work involving excavations adjacent to active traffic lanes, concrete barrier may be warranted. (Contact the Chief Traffic Engineer's Office.)

IV. USE OF TRAFFIC CONTROL DEVICES

A. General

Traffic control devices shall be properly installed prior to the commencement of construction or maintenance operations, and shall be monitored and properly maintained. The devices shall remain in place as long as work is in progress, and shall be immediately removed thereafter. Where operations are performed in stages, only those devices that apply to the current stage shall be in place. Signs not applicable to the current stage of work shall be removed, covered, or turned so as not to be seen by oncoming traffic. Signs or other traffic control devices shall not be located in such a manner that would mislead or misdirect motorists; obstruct or interfere with motorists' views of approaching, merging, or intersecting traffic; or obstruct existing permanent signs. All traffic control devices must possess retro-reflective properties (i.e. with high intensity grade sheeting) or be illuminated.

B. Trailer Mounted Flashing Arrow

This sign consists of lights displayed in the form of an arrow, or in “Caution Mode”. The displayed arrow lights flash to indicate the direction of the required traffic movement when a lane closure occurs. (See work area protection schemes for illustration.)

C. Back-up Truck with Impact Attenuator and Flashing Arrow

Back-up trucks shall have a nominal actual weight of 15,000 lbs. with nominal 24,000 lbs. gross vehicle weight registration, and rear-most wheels situated close to the rear of the truck body. Standard “ICC”-type rear bumpers are not an acceptable substitute for the required rear wheel location. In addition, the truck(s) shall be equipped with:

- standard flashing emergency hazard lights (parking and taillights).
- sealed-beam rotating yellow warning light, seven to ten feet above the roadway, and located so as to be visually unobstructed by any part of the truck body, load or equipment.
- truck or trailer mounted impact attenuator “TMA” unit, as manufactured by Energy Absorption Systems, Inc., Chicago, Ill, or approved equal. *Units purchased after January 1, 2010 must meet NCHRP 350 test level 3.*
- Flashing arrow: display “Caution Mode” when the back-up truck is preceded by a trailer-mounted flashing arrow. When not preceded by a trailer-mounted flashing arrow, the truck-mounted flashing arrow must display the appropriate arrow direction.

V. RESPONSIBILITIES

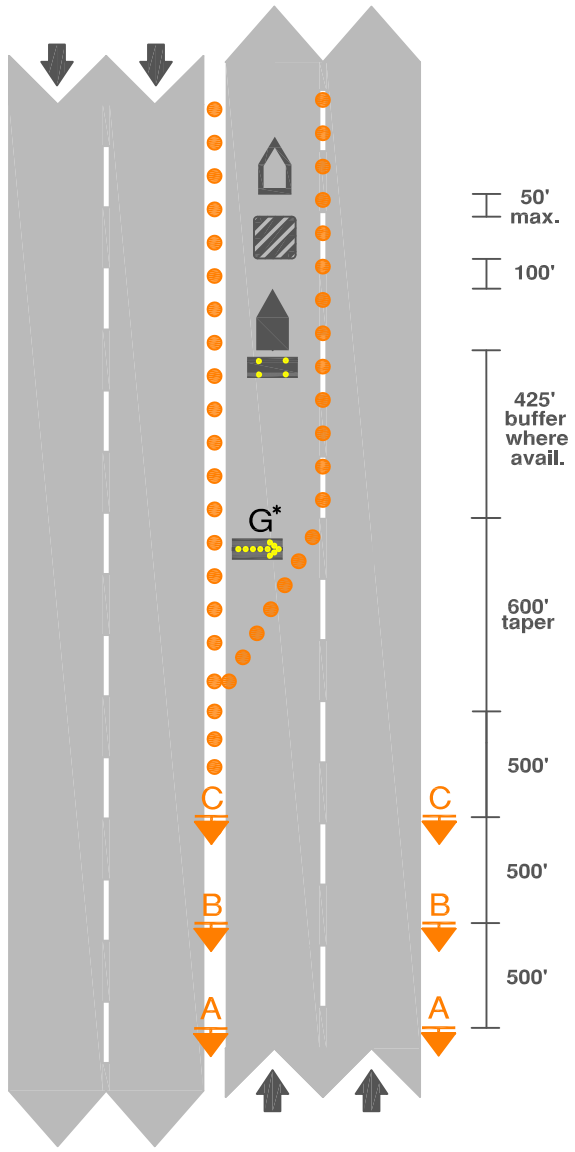
1. Facility management staff shall assure that the work crews adhere, as a minimum, to this standard.
2. The Facility may contact the Chief Traffic Engineer’s Office to issue a request to the Port Authority Sign Shop to supply the necessary signs when they are not available at the Facility.
3. The Chief Traffic Engineer’s Office will design roadway traffic control plans for special conditions and long-term stationary work.
4. If Contractor services are required, the Contractor shall supply and maintain the signs, traffic control devices, barricades, and other equipment as noted in the Contract Documents.

This Standard shows the recommended traffic control devices required, but it is not a substitute for good judgment.

O&M Std. 20

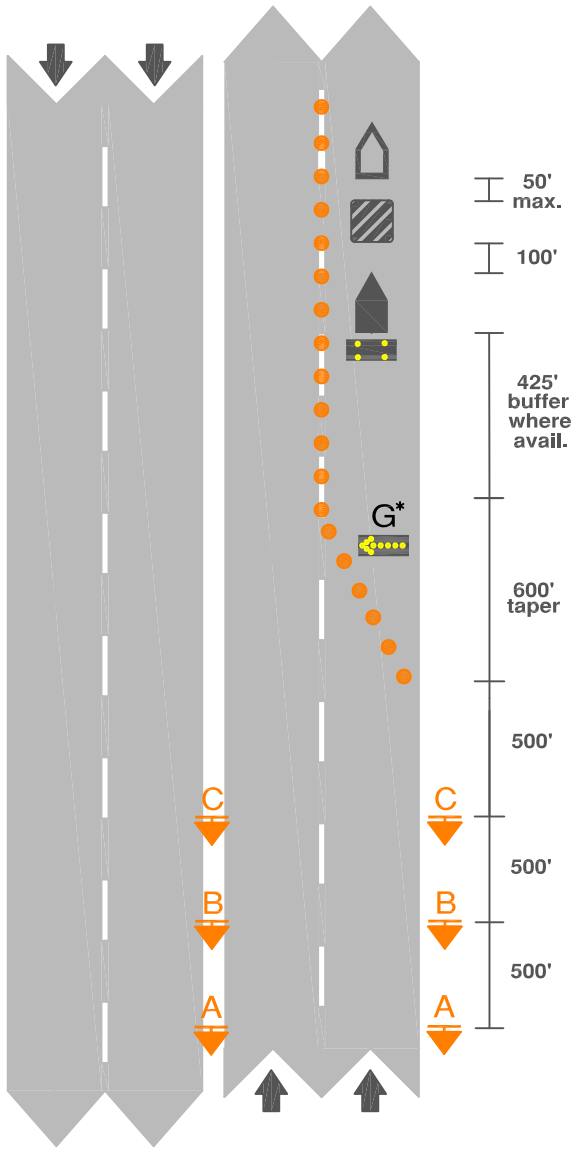
Short Term Stationary Typical Roadway Work Area Protection

Closure of Left Lane



DETAIL NOT TO SCALE

Closure of Right Lane



DETAIL NOT TO SCALE

Legend

see other side for notes

A — ROAD WORK AHEAD — 48" x 48" sign W20-1

B — LANE CLOSED XXX FT — LEFT or RIGHT 48" x 48" sign W20-5

C — LEFT or RIGHT 48" x 48" sign W4-2

D — CENTER LANE CLOSED AHEAD — 48" x 48" sign W9-3a

E — 2 RIGHT LANES CLOSED XXX FT — 48" x 48" sign W20-5a

F — 48" x 48" sign W12-1

28" high orange traffic cones at 25' intervals

G — flashing arrow 8' X 4' sign (set on low intensity at night) Arrow points to open lane

work area

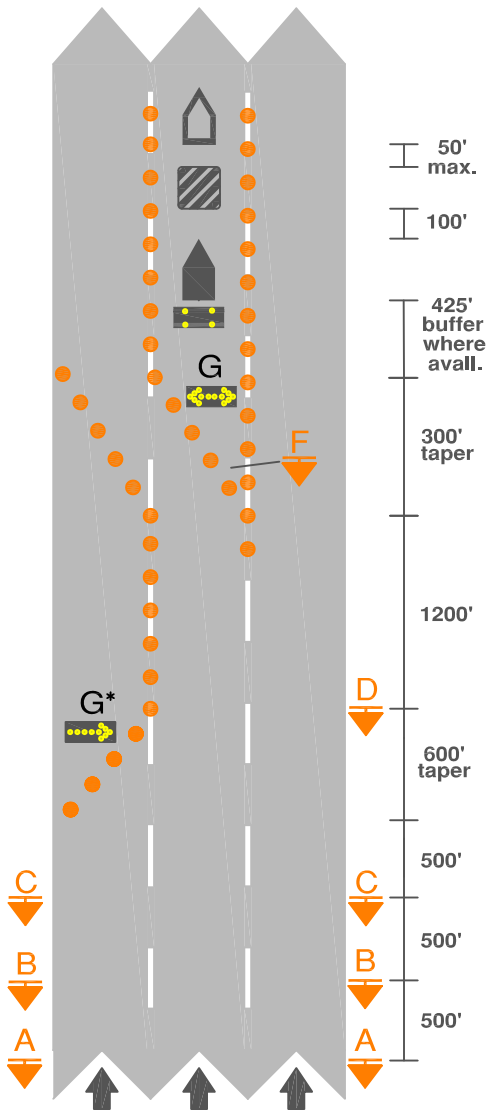
work vehicle with flashing warning lights (impact attenuator not required on this vehicle)

back-up truck with impact attenuator and flashing warning lights in caution mode

* If an 8' wide min. shoulder is present, place the flashing arrow in the shoulder at the beginning of the 600 ft. taper, preceded by a 200 ft. tapered cone line (to close the shoulder)

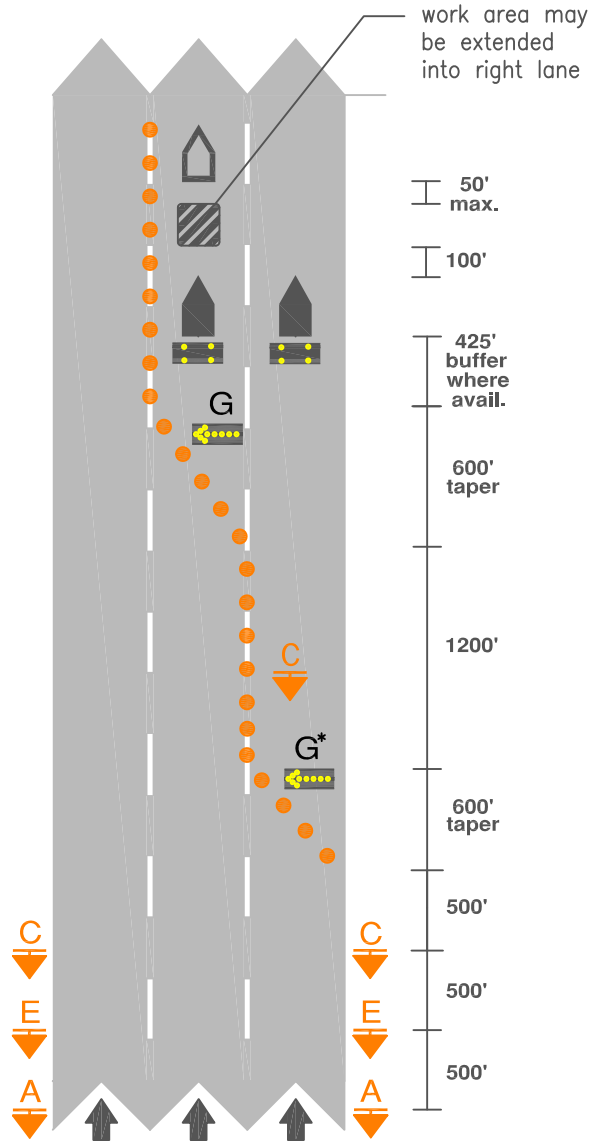
Short Term Stationary Typical Roadway Work Area Protection

Closure Of Center Lane



DETAIL NOT TO SCALE

Closure Of Two Adjacent Lanes

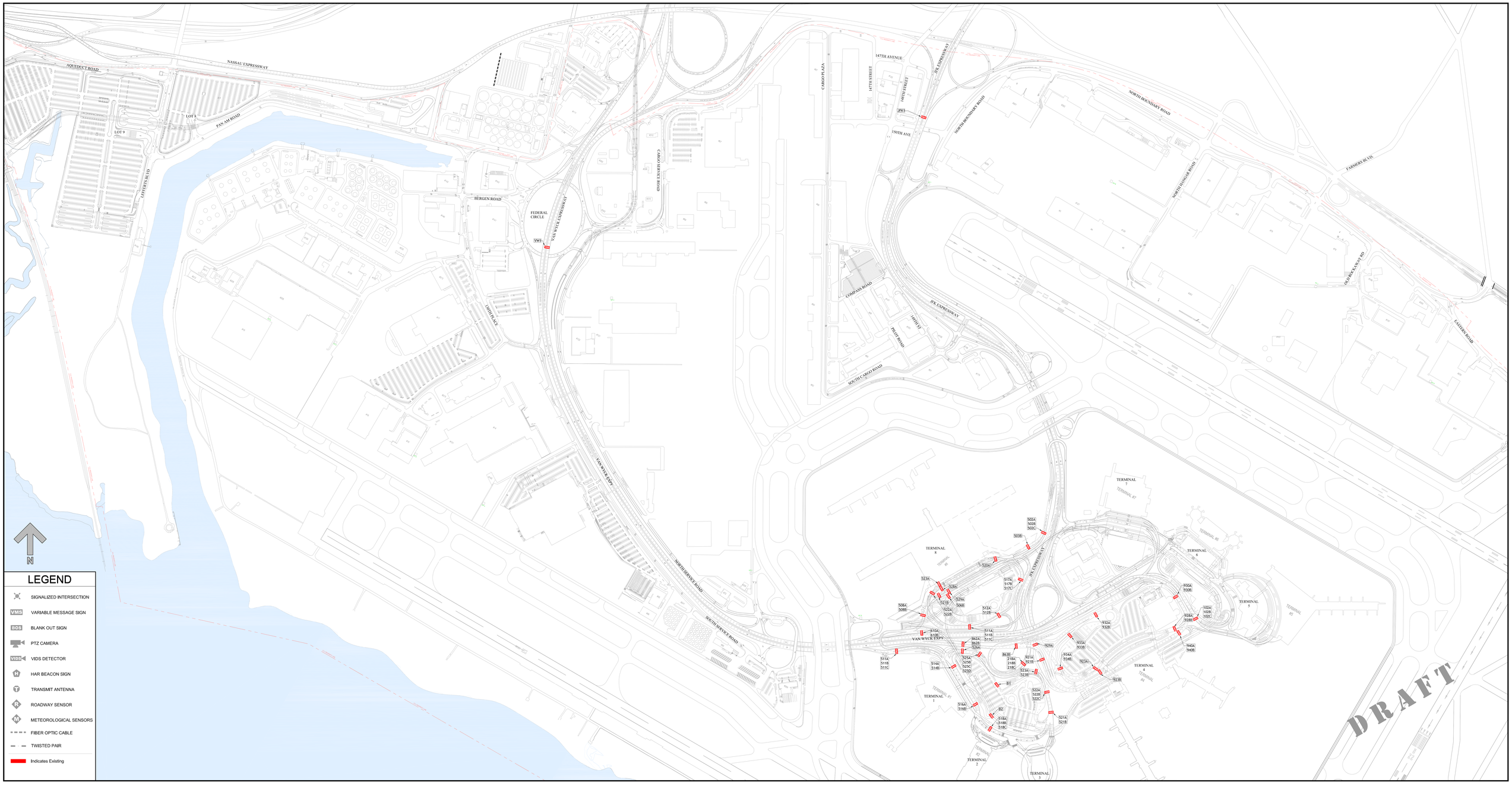


DETAIL NOT TO SCALE

Notes

see other side for legend

1. Notify the Communications Center of the location and type of work.
2. During staged construction, remove or otherwise cover any traffic control devices that do not apply to the current stage.
3. All fixed–message signs shall be black on reflective fluorescent orange.
4. Place Signs A, B, C, and E on both sides of roadway where possible.
5. Where travel speeds are 30MPH or less, 500' spacing may be reduced to 200', 600' taper reduced to 200', 1200' cone line reduced to 600', and 425' buffer reduced to 200'.
6. Median cone line not required on roadways physically separated by raised barrier or medians over 12' wide.
7. For longer duration work or special conditions, contact the Chief Traffic Engineer's Office for special traffic control plans.



John F. Kennedy International Airport

Port Authority ITS Devices

June 12, 2013

Notes:

1. This map highlights the location of existing intelligent transportation facilities (ITS) that are shown in a number of PANYNJ reference plans and is provided only as a preliminary planning tool.
2. Field surveys must be performed in order to corroborate the existence of existing equipment as well as to identify the location of any equipment that is not currently shown in PANYNJ reference plans.
3. Distribution of this map is restricted to PANYNJ and other New York Region Agencies' use.
4. For additional information regarding this map, please contact Raheel Shabih, P.E., PTOE, PANYNJ traffic, at rshabih@panynj.gov .

0 300 600
SCALE IN FEET

THE PORT AUTHORITY OF NY & NJ

Traffic Engineering