



REQUEST FOR QUOTE (RFQ) – BID# 7550101

2015-CB-049 AIRPORT CONNECTOR & ROUTE 2 BRIDGE PRESERVATION

SUBMISSION DEADLINE: Wednesday, January 20, 2016 at 01:00 PM (ET)

PRE-BID CONFERENCE:

NO

YES Thursday, January 07, 2016 at 9:00 AM (ET)

Mandatory:  NO

YES: Any vendor who intends to submit a bid proposal in response to this solicitation must have its designated representative attend the mandatory pre-bid conference. The representative must register at the pre-bid conference and disclose the identity of the vendor whom he/she represents. Because attendance at the pre-bid conference is mandatory, a vendor's failure to attend and register at the pre-bid conference shall result in disqualification of the vendor's bid proposal as non-responsive to the solicitation.

Location: RI DEPARTMENT OF TRANSPORTATION-TMC CONFERENCE ROOM  
2 CAPITOL HILL  
PROVIDENCE, RI

*Lisa Hill*

Buyer Name: Lisa Hill  
Title: Chief Buyer

**QUESTIONS** Prospective bidders are hereby notified that all questions pertaining to this contract must be submitted to the Department of Transportation in writing through its website at <http://www.dot.ri.gov/contracting/bids> by accessing the questions & answers menu located within the 'contracting', then 'bidding opportunities' link. Response to the submitted questions will also be posted under this link, phone calls will not be accepted.

SURETY REQUIRED: YES

BOND REQUIRED: YES

DISK BASED BID:  NO

YES: See attached Disk Based Bidding Information

**NOTE TO VENDORS:**

Vendors must register on-line at the Rhode Island Division of Purchases website at [www.purchasing.ri.gov](http://www.purchasing.ri.gov). Offers received without the completed three-page Rhode Island Vendor Information Program (RIVIP) Generated Bidder Certification Cover Form attached may result in disqualification.

**THIS IS NOT A BIDDER CERTIFICATION FORM**



State of Rhode Island Department of Administration  
Division of Purchases

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION**

REVISED  
November 20, 2013

**NOTICE TO VENDORS**

Each bid proposal for a *public works project* must include a "public copy" to be available for public inspection upon the opening of bids. **Bid proposals that do not include a copy for public inspection will be deemed nonresponsive.**

To comply with this requirement, *in addition to* the Quest Lite compatible electronic copy and one hard copy, bid proposals for *highway and bridge public works projects* must also include a duplicate original of the Quest Lite compatible electronic copy on a *read-only* CD-R media disc as the "public copy."

The public copy disc must be separately enclosed in a protective cover clearly marked "Public Copy" and include the following information (all available from the Bidder Certification Cover Form): (1) title of solicitation; (2) name of bidder and RIVIP vendor ID number; (3) bid number; and (4) date of bid.

The public copy may redact any trade secrets or commercial or financial information which is of a privileged or confidential nature pursuant to the "Access to Public Records Act," R. I. Gen. Laws §§ 38-2-1 *et seq.*

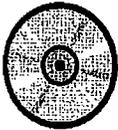
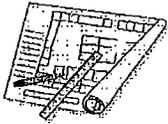
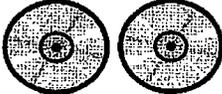
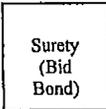
For further information on how to comply with this statutory requirement, see R. I. Gen. Laws §§ 37-2-18(b) and (j). Also see Procurement Regulations 5.11, 5.13, and 12.102.05 accessible at [www.purchasing.ri.gov](http://www.purchasing.ri.gov).

**\* THIS IS A DISK-BASED BID \***

**ELECTRONIC BIDDING  
PROCEDURE NOTICE**

**ALL BID OFFERS MUST BE PREPARED USING THE QUEST LITE BID  
PREPARATION SOFTWARE PACKAGE**

Bidders **MUST** register in person at the RIDOT Contract Administration office to obtain the necessary Bidder Registration and Digital ID codes for the Quest Lite software.

RIDOT Provides:		Bidder Must Submit:	
			
CD	Plans (on CD)	2 High-Density Compact Disks (CDs) w/Quest Lite Bid "zip" file**	Completed & Signed Proposal (Hard Copy)
			
Contract Documents (on CD)	DOQ Report (on CD)	Bid Surety (Hard Copy)	Completed & Signed (Hard Copy)

Contact the Contracts & Specifications Office at 222-2495 to request technical assistance on issues directly related to the Quest Lite software  
Office Hours: 8:00 AM – 4:00 PM

**\*\*Refer to the RIDOA "Notice to Contractors" for additional information on the "Public Copy" submission requirements.**

NO BID OFFER WILL BE CONSIDERED

UNLESS ACCOMPANIED BY A COMPACT DISK (CD)

CONTAINING THE BID PROPOSAL FILE

GENERATED BY THE QUEST LITE BID PREPARATION SOFTWARE

*Failure to comply will result in a mandatory disqualification per Section 12.102.07 of the RI Dept of Administration Division of Purchases Procurement Regulations*

Rhode Island Department of Transportation (RIDOT)

**Notice to Contractors**

**THIS IS A DISK-BASED BID**

Bid offers will be accepted *only on a CD generated by RIDOT-supplied software called Quest Lite; each CD must be accompanied by a hard copy signed offer printed from the software and submitted at the Bid Opening.* Minimum computer hardware and operating system requirements are listed here. *Training is strongly recommended for all new bidders and others unfamiliar with these procedures. SEE BELOW.*

**CONTACT: RIDOT CONTRACTS & SPECIFICATIONS**  
Rm. 108, Two Capitol Hill, Providence, RI 02903  
Phone: **401-222-2495**  
Hours: **Mon – Fri, 8:00AM – 4:00PM**

**1. Required Registration Codes for Each Bidder.**

Registration Codes for RIDOT software are necessary to install and use the software; a firm only needs to register once to acquire secure, unique bidder identification codes to be used with all RIDOT disk-based construction project bids Bidders must retain these codes for future use.

**2. The required Quest Lite installation software and all applicable Contract Documents are provided on a CD-ROM.**

The Contract Documents include the RI DOA Division of Purchases Procurement Regulations, RI Standard Specifications, Amended December 2010 and all revisions, the RI Standard Details for Highway and Bridge Construction, Bridge Standard Details, General Provisions, Special Provisions, Distribution of Quantities and Engineering Plans, and all other applicable documents

**3. Minimum Computer Hardware and Operating System Requirements.**

- Windows XP SP2 w/Pentium IV processor
- CD-ROM Drive, Floppy Drive, Printer & 15" Monitor (17" recommended)
- 20GB Hard Disk with 1GB free (40 GB with 5 GB free recommended)
- 512 MB RAM (1 GB recommended)
- 32 MB Video Card (64 MB SVGA recommended)
- Internet Explorer 6 0 SP 2

**4. Addenda, when necessary, are available on Purchases' RIVIP website.**

**at:** <http://www.purchasing.ri.gov/RIVIP/BidSearch.asp>

RIDOT will make all necessary addenda available at Purchases' web site. It is the plan-holders responsibility to poll the RIVIP to keep up-to-date on addenda.

**5. Training may be requested up to three days prior to the Bid Opening.**

Training is provided on request. Arrangements must be made through the RIDOT Contracts & Specifications Office at least three (3) days prior to the Bid Opening of the project

**6. Technical Support.**

Assistance is available upon request by contacting the Contracts & Specifications office during work hours or emailing [Quest@dot.ri.gov](mailto:Quest@dot.ri.gov).

# NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Rhode Island Department of Transportation (RIDOT)  
Contracts and Specifications

## ELECTRONIC BIDDING PROCEDURES QUEST LITE UPGRADE

Effective January 1, 2011, bid offers for all RIDOT Contracts requiring the use of the Department's Quest Lite bid preparation software **MUST** be prepared using **Quest Lite Version 040408 (2.8.4)**. Failure to comply with this requirement could result in the disqualification of your bid offer.

Full installation and upgrade-only software packages, including installation directions, for Quest Lite Version **040408 (2.8.4)** will be provided on the Project Advertising CD's, which are available to prospective bidders through the Contracts and Specifications office on or after the scheduled project advertising date.

Contractors presently using Quest Lite Version 040407 (2.8.3) need only install the upgrade package to complete the conversion, **UNLESS** a previous upgrade installation was used to upgrade from 2.8.2 to 2.8.3, in which case these installations must be removed and the full installation performed. Earlier versions (2.8.2 or lower) will require the full installation in all instances.

For technical assistance, contact the Contracts and Specifications office at 222-2495.

01/21/11

## QUEST LITE VERSION 4.4.8 (2.8.4)

### UPGRADE & FULL INSTALLATION

All bid offers prepared using the Department of Transportation's Quest Lite software must use the Quest Lite Version 040408 (2.8.4). If there is no Quest Lite installation, then the full installation must be completed. For earlier versions of Quest Lite, either the upgrade or full installation will be required to be completed. Both versions (upgrade and full installation) are provided on this project CD.

Before proceeding with any installations, note the following:

1. All users must register with the Department of Transportation in order to use Quest Lite. At the time of registration, users are provided with a set of unique company ID codes (Site Code, Bidder Code and company Short Name). Users **MUST RETAIN** these codes for future use.
2. Many users who currently have Quest Lite installed will only require the installation of the upgrade version. To determine if the upgrade installation is sufficient, the present version of the Quest Lite installation must be determined. This is accomplished in Quest Lite by clicking on Help/About. If the present version is 040407 (2.8.3) then the upgrade installation is sufficient **unless** an upgrade version has been previously used to upgrade version 2.8.2 to 2.8.3.
3. For earlier installations (versions below 2.8.3, and if an upgrade has been previously installed to upgrade to version 2.8.3), the full installation of Quest Lite is required. (Note: if the full installation is required, the upgrade installation **does not** need to be performed after the full installation is completed.)
4. To determine if an upgrade version of Quest Lite version is present, it is generally easiest to use the "Add or Remove Programs" function from the Control Panel to view the Quest Lite installations. Should both an installation and an upgrade version be installed, both programs must be removed using the "Remove" function and the new version 2.8.4 installed.
5. It is recommended that users consult the Quest Lite User Manual provided on this CD prior to attempting the installation of the upgrade or full program installation.
6. After completing the installation of the upgrade or full installation, it is recommended that a test bid be submitted to the Department to ensure the program is functioning correctly and that the Quest Lite bid files can be correctly imported into the Department's Quest program. **Test bids may be submitted on a CD to the Contracts office in Room 109 of the RIDOT Headquarters, or by e-mail to [Quest@dot.ri.gov](mailto:Quest@dot.ri.gov).**

### **Installation Instructions – Upgrade Version**

Upgrade Quest Lite only if the current installed version is 2.8.3, and a previous upgrade has not been installed.

1. Close Quest Lite before attempting the installation.
2. Using the project CD, double-click on the “Upgrade Only” option provided on the Start page.
3. When prompted for a password, enter “ridot”.
4. Follow the instructions provided in the installation wizard to complete the installation.
5. When executing Quest Lite for the first time after installing the upgrade, users may be prompted to enter their company bidder codes.

### **Installation Instructions – Complete Installation**

A complete Installation of the software is required only if Quest Lite is:

1. Not installed on the computer/laptop; or
2. The installed version of Quest Lite is older than 2.8.3, i.e. 2.8.2 or under; or
3. The 2.8.3 upgrade version of Quest Lite is installed.

If any of 1 through 3 above apply, follow these instructions:

1. If a Quest Lite version 2.8.2 or older, or a 2.8.3 upgrade are currently installed,
  - a. Close Quest Lite.
  - b. Remove all the existing installation(s) of Quest Lite. To accomplish this, follow the instructions provided on pages 19 – 25 of the Quest Lite User Manual provided with this project CD. Follow the installation removal directions for the operating system in use on the machine.
2. Using the project CD, double-click on the “Complete Installation” option provided on the Start page.
3. When prompted for a password, enter “ridot”.
4. Follow the instructions provided in the installation wizard to complete the installation.
5. When executing Quest Lite for the first time after completing the installation, the user will be prompted to enter the company bidder codes provided by the Department. Once this information is entered, the installation process will be complete.

For technical assistance, contact the Contracts & Specifications office at 222-2495.

**State of Rhode Island and Providence Plantations  
Department of Transportation**

**Notice to Contractors  
Special Provisions  
Proposal  
Contract Agreement  
Contract Bond**

**for the Performance of**

**Rhode Island Contract Number: 2015-CB-049**

**Rhode Island Federal-Aid\State-Aid Project Numbers: BHO-PRES(002)**

**Project: Airport Connector & Route 2 Bridge Preservation**

**Limits: Warwick - RI Rte. 2 NB & SB, Airport Connector EB & WB**

**City/Town: Warwick**

**County: KENT**

**Submitted By:** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Name of Surety:** \_\_\_\_\_

**Total Bid:** \_\_\_\_\_

**(BIDDER MUST FILL IN ALL ABOVE SPACES)**

The basis of award of the Contract will be the total bid for all quantities of work in the proposal subject to review and correction as provided for in the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction and Standard Details.

NOTE: The State of Rhode Island Standard Specifications for Road and Bridge Construction and Standard Details consists of the following:

- The Rhode Island Standard Specifications for Road and Bridge Construction, Amended December 2010, with all revisions.
- The Rhode Island Standard Details, 1998 Edition, with all revisions.
- The Rhode Island Bridge Standard Details, 2010 Edition, with all revisions.
- The Division of Purchases Procurement Regulations Adopted December 2010.

**\* Refer to Section 12.102.05 PREPARATION OF PROPOSAL of the STATE OF RHODE ISLAND PROCUREMENT REGULATIONS regarding the use of Quest Lite software for bid preparation.**

The above documents may be obtained at the Rhode Island Department of Transportation, Contracts and Specifications Office, upon request.

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
DEPARTMENT OF ADMINISTRATION - DIVISION OF PURCHASES

NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Sealed Proposals addressed to the State Purchasing Agent, Rhode Island Department of Administration, Division of Purchases, One Capitol Hill, Providence, Rhode Island 02903, will be opened and read in public on January 20, 2016 at 1:00PM. All bidders MUST register online at [www.purchasing.ri.gov](http://www.purchasing.ri.gov). A Bidder Certification Cover Sheet MUST accompany each bid. Bid item description and quantities estimated for this project will also be available online. Should you need assistance in registering or downloading a bid, call (401) 222-3766. Failure to comply will result in mandatory disqualification per Item 4 of Section 12.102.12 of the Division of Purchases Procurement Regulations Adopted December 2010 and RI General Law 37-2-17 which references the RI Vendor Information Program (RIVIP).

**DESCRIPTION: Rhode Island Contract No. 2015-CB-049 R.I. Federal-Aid Project No. BHO-PRES(002) County of Kent, City of Warwick, Rhode Island, for Airport Connector Roadway & Route 2 Bridge Preservation and Route 2 Resurfacing. The work under this contract shall consist of, but not be limited to, High Pressure Water Cleaning of bridge decks, backwalls, beam seats, parapets, piers in their entirety, abutment faces, wing wall faces, arches, spandrel walls, slope paving blocks, drainage features, and other bridge components through the application of a high pressure water spray to the affected surfaces; Steel Beam Repairs; Prestressed Concrete Beam Repairs; Removal and Disposal of Portions of Existing Reinforced Concrete Superstructure and Substructure; Constructing New Reinforced Concrete Deck Slab, Backwall, Approach Slab, and Parapet; Repainting Existing Structural Steel; Joint Replacement; Asphaltic Expansion Joint, Strip Seal Expansion Joint; Structural Concrete Masonry Repairs; Apply Protective Coating on Substructures; Installation of Waterproofing Membrane; Installation and Removal of Temporary Shielding; Removal, and Disposal of Slope Paving Blocks; Installation of New Slope Paving Blocks; Removal and Disposal of Existing Bituminous Pavement; Installation of New Bituminous Pavement; Pavement Markings; Seeding; Maintenance and Protection of Traffic; and all other incidentals necessary to complete the work under this Contract.**

**The Contractor will be required, in accordance with the provisions of the Disadvantaged Business Enterprise Affirmative Action Certification for Contractors and Consultants, to meet the established Race-Conscious Goal, or Contract Goal, of not less than 16.00 percent of the contract bid price, to the Contractors, Subcontractors, and/or suppliers which qualify as Disadvantaged Business Enterprises (DBE's). Failure by the Contractor to demonstrate every good faith effort in fulfilling its DBE commitment during the construction period will result in the reduction in contract payments by the amount determined by multiplying the awarded contract value by the established DBE percentage, and subtracting the dollar value of the work actually performed by DBE contractors. This action will not preclude RIDOT from imposing sanctions or other remedies available as specified in paragraph (I)(C) of the Disadvantaged Business Enterprise Affirmative Action Certification for Contractors and Consultants.**

Computer Disks for competitive bidding for the above described work will be furnished by the Department of Transportation, Division of Administrative Services, Contracts & Specifications Office, Room 108, Two Capitol Hill, Providence, Rhode Island, 02903, Tel.Number (401) 222-2495. The Plans, Specifications and Special Provisions may also be examined on or after December 16, 2015 every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

**The Bid Package consists of a single compact disk (CD) containing the following items: Construction Plans, Standard Specifications for Road and Bridge Construction, Compilations of Approved Specifications, Required Contract Provisions for Federal-Aid Construction Contracts, RI Division of Purchases Procurement Regulations, General Provisions, Rhode Island Standard Details, Rhode Island Bridge Standard Details, Federal Wage Rates, Contract-Specific General Provisions, Job-Specific Specifications, Distribution of Quantities, Appendices (if applicable), Quest Lite bid file, Quest Lite installation software and a Quest Lite User Manual. Only complete bid packages will be issued.**

**Prospective Bidders are hereby notified that all questions pertaining to this Contract must be submitted to the Department of Transportation in writing through its website at <http://www.dot.ri.gov/contracting/bids/> by accessing the Questions & Answers Menu located within the "Contracting", then "Contract Opportunities" link. Responses to the submitted questions will also be posted under this link. PHONE CALLS WILL NOT BE ACCEPTED.**

**For help with RIDOT's Quest Lite bid preparation software, please contact the Contracts & Specifications Office, Room 108, Two Capitol Hill, Providence, Rhode Island, 02903, Tel. Number (401)-222-2495 or e-mail [Quest@dot.ri.gov](mailto:Quest@dot.ri.gov).**

Please also note that all Bidding Documents required to be submitted and in fact submitted to the Purchasing Agent as part of a bid will be considered returned to the State and need not be returned to RIDOT.

A bid bond payable to the State of Rhode Island, in the amount of 5% of the total or gross sum of the bid must be furnished by each bidder. The Proposal Guaranty will be furnished by surety companies authorized/licensed to do business in the State of Rhode Island. The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island. A performance bond of one hundred (100) percent of the contract price with a satisfactory surety company will be required of the successful bidder. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by the Federal Register). The Department of Transportation reserves the right to reject any or all bids.

Required Contract Provisions - The attention of prospective bidders is called to the fact that this project is to be bid upon and the contract executed subject to all applicable federal laws and regulations for carrying out the provisions of the Federal-Aid Highway program..

Wages of labor on Federal -Aid Highway Projects - the prevailing rate of wages for laborers and mechanics employed by contractors or subcontractors on the initial construction of highway projects on the Federal - Aid Highway System, authorized under the Federal Highway Act of 1968, shall be paid wages at rates not less than those prevailing on the same type of work on similar construction in the immediate locality as determined by the United States Secretary of Labor, in accordance with the Act of August 30, 1935, known as the Davis - Bacon Act, under Decision Nos. 1 through 6 as applicable.

Prevailing wage rates and Davis - Bacon Wage Determination Reference Materials are available online at [www.purchasing.ri.gov](http://www.purchasing.ri.gov). It is advisable to print only the pages applicable to this bid; the rates active on the Rhode Island Vendor Information Program's bid solicitation date for this project are applicable for the duration of the contract resulting from this bid.

Work Hours Act of 1962 - This contract is subject to Work Hours Act of 1962, Public Law 87-581 and implementing regulations.

Pre-Bid Conference - A Pre-Bid Conference will be held in Providence, Rhode Island, at The RIDOT Traffic Management Center Conference Room on January 7, 2016 at 9:00AM, for the purpose of reviewing construction problems and/or operations concerning the project. Individuals requesting interpreter services for the hearing impaired must notify 401-222-4971 (T.D.D.) a minimum of at least three (3) business days, seventy-two (72) hours prior to the conference date.

## **SPECIAL NOTE**

ANY REFERENCE TO THE RHODE ISLAND DEPARTMENT OF PUBLIC WORKS OR THE DIRECTOR OF PUBLIC WORKS SHOULD BE REVISED TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION AND THE DIRECTOR OF TRANSPORTATION RESPECTIVELY.

## **NOTICE TO ALL BIDDERS**

The Rhode Island Department of Transportation, in accordance with Title VI of the Civil Rights Act of 1964, 42 U.S.C. §§ 2000d - 2000d-4 and 49 C.F.R. Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964, issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, Disadvantaged Business Enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, national origin, age, or disability in consideration for an award.

To report bid rigging activities call: **1-800-424-9071**

The U.S. Department of Transportation (DOT) operates the above toll-free hotline Monday through Friday, 8:00 a.m. to 5:00 p.m. eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the hotline to report such activities.

The hotline is part of the DOT's continuing effort to identify, and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

## Item List

Date: 11/20/2015

Estimate Name - Airport Connector Roadway & Route 2 Bridge Preservation  
 Project Name - Airport Connector & Route 2 Bridge Preservation  
 R.I. Contract No. - 2015-CB-049  
 FAP Nos. - BHO-PRES(002)

Seq No.	Item Code	Description	Quantity	UM
001	201.0403	REMOVE AND DISPOSE SIDEWALKS	48.00	SY
002	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	19,897.00	SY
003	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	40.00	LF
004	201.0430	REMOVE AND DISPOSE CONCRETE MEDIAN BARRIER	62.00	LF
005	201.9901	REMOVE AND DISPOSE EXISTING GORE 4"	1,020.00	SY
006	201.9940	REMOVE AND DISPOSE SLOPE PAVING	183.00	SY
007	202.0800	GRAVEL BORROW	61.00	CY
008	203.0100	STRUCTURAL EXCAVATION EARTH	171.00	CY
009	203.0650	CRUSHED STONE FILL UNDER STRUCTURES	43.00	CY
010	204.0100	TRIMMING AND FINE GRADING	193.00	SY
011	206.0312	COMPOST FILTER SOCK 12 INCH DIAMETER	1,435.00	LF
012	212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	1.00	LS
013	302.0100	GRAVEL BORROW SUBBASE COURSE	40.00	CY
014	401.1000	CLASS 19.0 HMA	91.00	TON
015	401.2100	MODIFIED CLASS 12.5 HMA	2,834.00	TON
016	401.3000	CLASS 9.5 HMA	810.00	TON
017	401.3003	CLASS 9.5 HMA FOR PATCHING	16.00	TON
018	401.4002	CLASS 4.75 HMA FOR LEVELLING	1,240.00	TON
019	403.0300	ASPHALT EMULSION TACK COAT	25,595.00	SY
020	414.0100	WARM MIX ADDITIVE	19,580.00	EACH
021	603.1000	CONTROLLED LOW STRENGTH MATERIAL	35.00	CY
022	707.1900	ADJUST FRAME & COVER TO GRADE	1.00	EACH
023	707.2000	ADJUST FRAME AND GRATE TO GRADE	24.00	EACH
024	708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	54.00	EACH
025	713.8300	ADJUST GAS GATE BOXES TO GRADE	1.00	EACH
026	803.0500	TEMPORARY DECK UNDERSIDE AND SIDE PROTECTIVE SHIELDING	8,700.00	SF
027	803.9910	REMOVE AND DISPOSE PORTION OF EXISTING CONCRETE SUBSTRUCTURE	141.00	CY
028	803.9920	REMOVE AND DISPOSE PORTION OF EXISTING CONCRETE SUPERSTRUCTURE	105.00	CY
029	803.9930	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 490	1.00	LS
030	803.9931	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 491	1.00	LS
031	803.9932	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 770	1.00	LS

## Item List

Date: 11/20/2015

Estimate Name - Airport Connector Roadway & Route 2 Bridge Preservation  
 Project Name - Airport Connector & Route 2 Bridge Preservation  
 R.I. Contract No. - 2015-CB-049  
 FAP Nos. - BHO-PRES(002)

Seq No.	Item Code	Description	Quantity	UM
032	803.9933	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 771	1.00	LS
033	803.9934	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 773	1.00	LS
034	805.9910	TEMPORARY SHORING AND BRACING BEHIND BACKWALLS	1,650.00	SF
035	808.0323	CONCRETE SUBSTRUCTURE CLASS HP 3/4" PARAPETS	20.00	CY
036	808.0324	CONCRETE SUBSTRUCTURE CLASS HP 3/4" BRIDGE SIDEWALK	2.00	CY
037	808.0508	CONCRETE SUBSTRUCTURE CLASS XX 3/4" APPROACH SLABS	71.00	CY
038	808.0602	CONCRETE SUBSTRUCTURE CLASS HP 3/4" BACKWALLS	39.00	CY
039	808.1501	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" BRIDGE DECKS	93.00	CY
040	808.1502	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" BRIDGE SIDEWALKS	16.00	CY
041	808.1503	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" PARAPETS	6.00	CY
042	808.1506	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" BARRIERS	4.00	CY
043	808.1640	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1/2"	475.00	SF
044	808.1642	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1"	1,205.00	SF
045	808.1675	POLYURETHANE ELASTOMERIC JOINT SEALANT	4,705.00	CI
046	808.1810	CONCRETE SURFACE FINISHING RUBBED REGULAR	3,050.00	SF
047	808.9910	CONCRETE SUBSTRUCTURE SC HP CONCRETE 1/2" ABUTMENT FACES	42.00	CY
048	810.0210	GALVANIZED BAR REINFORCEMENT GRADE 60	40,800.00	LBS
049	810.0702	WELDED WIRE FABRIC (GALVANIZED)	2,680.00	SF
050	810.9910	GALVANIZED MECHANICAL BAR SPLICERS	620.00	EACH
051	811.0200	SUB PAVEMENT DRAINS	4.00	EACH
S052	813.9910	PREFABRICATED WATERPROOFING SHEET MEMBRANE	2,975.00	SY
053	817.9901	REPAIRS TO STRUCTURAL CONCRETE MASONRY (PATCHING MORTAR)	1,300.00	SF
054	817.9902	REPAIRS TO STRUCTURAL CONCRETE MASONRY (FORM AND CAST IN PLACE)	910.00	SF
055	818.9901	PORTLAND CEMENT CONCRETE DECK REPAIRS	100,000.00	EACH
056	819.0800	DRILL AND GROUT REINFORCING DOWELS	60.00	EACH
057	820.0110	CONCRETE SURFACE TREATMENT (PROTECTIVE COATING)	14,035.00	SF
058	820.9932	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 490	1.00	LS
059	820.9933	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 491	1.00	LS
060	820.9934	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 770	1.00	LS
061	820.9935	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 771	1.00	LS

## Item List

Date: 11/20/2015

Estimate Name - Airport Connector Roadway & Route 2 Bridge Preservation  
 Project Name - Airport Connector & Route 2 Bridge Preservation  
 R.I. Contract No. - 2015-CB-049  
 FAP Nos. - BHO-PRES(002)

Seq No.	Item Code	Description	Quantity	UM
062	820.9936	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 773	1.00	LS
063	821.1690	SAW & SEALING JOINTS IN BITUMINOUS CONCRETE PAVEMENT	441.00	LF
064	821.9901	SAW & SEALING JOINTS IN CONCRETE DECK	100.00	LF
S065	823.1750	ASPHALTIC EXPANSION JOINT SYSTEM	222.00	LF
S066	823.1760	STRIP SEAL EXPANSION JOINT ASSEMBLIES	38.00	LF
067	824.9910	REMOVE AND DISPOSE EXISTING STEEL DIAPHRAGMS - BRIDGE NO. 773	2.00	EACH
068	824.9913	AASHTO M270 GRADE 36 STEEL FURNISH, FABRICATE & ERECT ROLLED DIAPHRAGM	1,160.00	LBS
069	824.9914	REPAIRS TO COLLISION DAMAGED STRUCTURAL STEEL - TYPE 1	2.00	EACH
070	824.9915	REPAIRS TO COLLISION DAMAGED STRUCTURAL STEEL - TYPE 2	7.00	EACH
071	824.9921	STEEL BEAM / GIRDER REPAIRS - BRIDGE NO. 771	4,295.00	LBS
072	824.9922	STEEL BEAM / GIRDER REPAIRS - BRIDGE NO. 773	1,775.00	LBS
073	824.9950	REMOVE, STOCKPILE, AND REINSTALL EXISTING WATERLINE SUPPORT BRACKET	3.00	EACH
074	825.9920	REPAINTING EXISTING STRUCTURAL STEEL - BRIDGE NO. 770	1.00	LS
075	825.9921	REPAINTING EXISTING STRUCTURAL STEEL - BRIDGE NO. 771	1.00	LS
076	825.9922	REPAINTING EXISTING STRUCTURAL STEEL - BRIDGE NO. 773	1.00	LS
077	834.0111	VERTICAL FACE GRANITE CURB STRAIGHT 10" REVEAL	84.00	LF
078	834.0131	VERTICAL FACE GRANITE CURB STRAIGHT 7" REVEAL	100.00	LF
079	839.0200	FULL DEPTH REMOVAL AND DISPOSAL OF BITUMINOUS PAVEMENT FROM CONCRETE BRIDGE DECKS	2,815.00	SY
080	901.0199	GUARDRAIL END TREATMENT, ENERGY ABSORBING TERMINAL	1.00	EACH
081	904.0101	REMOVE AND RESET FENCE AND/OR RAILING CHAIN LINK	10.00	LF
082	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	12.00	CY
083	906.0602	BITUMINOUS BERM STANDARD 7.5.1	5,325.00	LF
084	906.0700	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR: ALL TYPES	196.00	LF
085	914.5010	FLAGPERSONS	5,120.00	MHRS
086	914.5020	FLAGPERSONS - OVERTIME	544.00	MHRS
087	916.0600	SHOCK ABSORBING BARRIER MODULES	9.00	GRP
088	916.0650	REMOVE, RELOCATE AND RESET SHOCK ABSORBING BARRIER MODULES	8.00	GRP
089	921.0100	SLOPE PAVING 16X8X4"	183.00	SY
090	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	2,227.00	SF
091	923.0105	DRUM BARRICADE STANDARD 26.2.0	54,930.00	B DAY

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 FAP Nos. - BHO-PRES(002)

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092	923.0120	PLASTIC PIPE BARRICADE STANDARD 26.3.0	13.00	EACH
093	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	435.00	EACH
094	924.0113	ADVANCE WARNING ARROW PANEL	2,016.00	PDAY
095	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	980.00	PDAY
096	926.0121	UNANCHORED PRECAST CONCRETE BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	3,820.00	LF
097	926.0140	REFLECTIVE DELINEATORS FOR TEMPORARY CONCRETE BARRIERS	286.00	EACH
098	926.9910	ANCHORED PRECAST SINGLE-FACED CONCRETE BARRIER FOR TEMPORARY TRAFFIC CONTROL	1,880.00	LF
099	928.0800	TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW BOARD	740.00	PDAY
100	929.0110	FIELD OFFICE	20.00	PMO
101	931.0110	CLEANING AND SWEEPING PAVEMENT	1,045.00	HSY
102	932.0100	CUTTING AND MATCHING ASPHALT	1,735.00	LF
103	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	1,581.00	LF
104	935.0400	REMOVING BITUMINOUS PAVEMENT BY MICRO MILLING	2,495.00	SY
105	936.0110	MOBILIZATION	1.00	LS
106	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
107	943.0200	TRAINEE MAN-HOURS	3,000.00	MHRS
108	L01.0102	LOAM BORROW 4 INCHES DEEP	1,750.00	SY
S109	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	3,475.00	SY
110	L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	4.00	EACH
111	T13.1000	TRAFFIC DETECTORS-LOOP, STANDARD 19.6.0	650.00	LF
112	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	24.00	SF
S113	T20.0006	6 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	27,870.00	LF
S114	T20.0012	12 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	2,240.00	LF
S115	T20.0104	4 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	3,850.00	LF
S116	T20.0106	6 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	16,850.00	LF
S117	T20.0820	FAST DRYING WATERBORNE PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	8.00	EACH
S118	T20.0822	FAST DRYING WATERBORNE PAVEMENT MARKING WORD "ONLY" STANDARD 20.1.0	2.00	EACH
S119	T20.1000	REMOVE EXISTING PAVEMENT MARKINGS	54,000.00	LF

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 FAP Nos. - BHO-PRES(002)

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S120	T20.1106	6 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS WHITE	6,500.00	LF
S121	T20.1112	12 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS WHITE	800.00	LF
S122	T20.1204	4 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS YELLOW	3,850.00	LF
S123	T20.1310	TEMPORARY WATERBORNE PAINT PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT OR COMBINED STANDARD 20.1.0	8.00	EACH
S124	T20.1312	TEMPORARY WATERBORNE PAINT PAVEMENT MARKING WORD "ONLY" STANDARD 20.1.0	2.00	EACH
S125	T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	18,810.00	LF
S126	T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	2,590.00	LF
S127	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	4,790.00	LF
S128	T20.2016	6 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	8,780.00	LF
S129	T20.2020	EPOXY RESIN PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	8.00	EACH
S130	T20.2022	EPOXY RESIN PAVEMENT MARKING WORD "ONLY" STANDARD 20.1.0	2.00	EACH