

# SOLICITATION INFORMATION

April 7, 2006

**BID NUMBER #B06214**

**TITLE: RI CONTRACT #2006 - CH - 032  
BLACKSTONE RIVER BIKEWAY SEGMENT 4A**

**OPENING DATE AND TIME: 4/28/06 – 11:30 A.M.**

**PRE-BID/ PROPOSAL CONFERENCE: YES    DATE: 4/18/2006    TIME: 9:00 AM**

**LOCATION: RIDOT, TMC ROOM, 2 CAPITOL HILL, PROVIDENCE, RI**

**SURETY REQUIRED: YES**

**BOND REQUIRED: YES**

**JEROME D. MOYNIHAN, C.P.M., CPPO  
ADMINISTRATOR OF PURCHASING SYSTEMS**

JM/dls

**Vendors must register on-line at the State Purchasing Website at [www.purchasing.state.ri.us](http://www.purchasing.state.ri.us) to be able to download a Bidder Certification Cover Form which must accompany each offer.**

## **NOTE TO VENDORS:**

**Offers received without the entire completed three-page RIVIP Generated Bidder Certification Cover Form attached may result in offer disqualification.**

**THIS PAGE IS NOT A BIDDER CERTIFICATION FORM**

# NOTICE

**THERE MAY BE ADDITIONAL ADDENDA TO THIS BID/RFP AT ANY TIME BEFORE THE OPENING DATE AND TIME.**

THE DIVISION OF PURCHASES WILL NOT BE NOTIFYING BY MAIL OF ANY SUCH ADDENDA.

IT IS THE VENDOR'S RESPONSIBILITY TO CHECK AND DOWNLOAD ANY AND ALL ADDENDA.

AN ADDENDUM TO A BID/RFP IS LISTED AS THE BID NUMBER WITH AN "A" AND THE NUMBER OF THE ADDENDUM FOLLOWING; FOR EXAMPLE, 3025A1 INDICATES ADDENDUM #1 HAS BEEN ISSUED FOR BID 3025. 3025A2 INDICATES ADDENDUM #2 HAS BEEN ISSUED. YOU MUST CLICK ON ALL OF THESE LISTINGS TO GET THE COMPLETE PACKAGE.

**IF NOT BIDDING ON ANY ITEM, DO NOT RESPOND, IN ANY WAY, TO THE DIVISION OF PURCHASES.**

## DISCLAIMER

While the State of Rhode Island intends to maintain continuous access to this Website, from time to time access to information and/or documents may be interrupted or prevented either because of site problems, user problems or Internet problems. Not all access difficulties can be resolved by the State of Rhode Island since some access failures may be due to the type of computer or communication equipment and services employed by the Website User. However, it is the State's policy to provide a Help Desk (401) 222-2142 ext. 134 during regular business hours to assist Users in identifying and overcoming access problems.

To assure maximum access opportunities for Users, solicitations shall be posted on the RIVIP for a minimum of seven days and no amendments shall be made within the last five days before the date an offer is due. Vendors are cautioned that the competitive nature of their offers could be affected if their submissions do not include all amendments. For this reason, vendors are advised to revisit all solicitations to which they intend to respond five days prior to the due dates. If access to solicitations on the Website has been severely curtailed, it shall be the policy of the State to extend the due date of affected solicitations.

**In some cases (e.g., road construction) copies of plans and specifications which cannot be offered online are issued with a requirement for a refundable deposit. In such instances, in addition to announcements provided on the RIVIP, vendors on the known lists of plans and specifications depositors will receive direct notification of amendments.**

Except when access to the Website has been severely curtailed and it is determined by the Rhode Island State Purchasing Agent that special circumstances preclude extending a solicitation due date, requests to mail or fax hard copies of solicitations will not be honored.

When the result of an Internet solicitation of registered vendors is unsuccessful (no offers, one offer which exceeds the estimated cost) the State of Rhode Island will cancel the original solicitation and resolicit the original offer directly from vendors. The Purchasing Agent reserves the right to solicit offers from unregistered vendors as well as registered vendors.

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

**ELECTRONIC BIDDING  
PROCEDURE NOTICE**

All Bidders MUST register in person at the office of Contract Administration to obtain necessary Bidder Registration and Digital ID's.

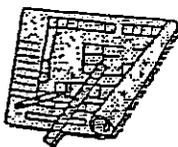
**NO BID OFFER WILL BE ACCEPTED WITHOUT PROPER BIDDER REGISTRATION AND DIGITAL ID'S.**

**RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION**

**RIDOT Provides:**



CD



Plans (on CD)

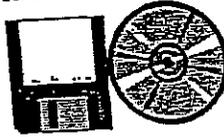


Contract Documents  
(on CD)



DOQ Report  
(on CD)

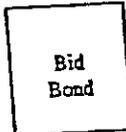
**Bidder Must Submit:**



Readable 3 1/2"  
High Density  
Disk or CD



Completed &  
Signed Proposal



Completed Bond



Completed & Signed

Call the Contracts & Specifications Office at 222-2495 to request technical support on issues directly related to the Department's Electronic Disk-Based Bidding Program.  
Office Hours: 8:30 AM - 4:00 PM

**NO BID OFFER WILL BE CONSIDERED  
UNLESS ACCOMPANIED BY A 3 1/2" DISK OR CD  
CONTAINING THE BID PROPOSAL FILE**

**GENERATED BY THE RIDOT BID PREPARATION PROGRAM (QUEST LITE)**

*Failure to comply will result in a mandatory disqualification per Section 102.07 of Part 100, General Requirements and Covenants of the RI Dept. of Transportation's Standard Specifications for the Road and Bridge Construction, 2004 Edition*

## Rhode Island Department of Transportation (RIDOT)

**Notice to Contractors****THIS IS A DISK-BASED BID**

Bid offers will be accepted *only on disk/CD generated by RIDOT-supplied software called Quest Lite; each disk/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; SEE BELOW.

**CONTACT:****RIDOT CONTRACTS & SPECIFICATIONS**

Rm. 108, Two Capitol Hill, Providence, RI 02903

Hours: **Mon - Fri, 8:30AM- 4:00PM**Phone: **401-222-2495**

1. **Required Registration Codes for Each Bidder**  
Registration Codes for RIDOT software are necessary to use the software; a firm only needs to register once to acquire secure, unique codes to be used with all RIDOT disk-based construction project bids.
2. **The required Quest Lite installation software and all applicable Contract Documents are provided on a CD-ROM.**  
The Contract Documents include the RI Standard Specifications, 2004 edition and all subsequent revisions and addenda, the RI Standard Details, General Provisions, Special Provisions, Distribution of Quantities and Engineering Plans, and all other applicable documents.
3. **Addenda, when necessary, are available on Purchases' RIVIP website at: <http://www.purchasing.ri.gov/>**  
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.
4. **Training can be requested up to three (3) 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.
5. **Technical Support is available.**

**Minimum Computer Hardware and Operating System Requirements:**

- Windows 98 SE, Windows NT 4.0 (w/SP6), Windows 2000 (w/SP3) or Windows XP Pentium III 500MHz PC (1GHz recommended)
- CD-ROM Drive, Floppy Drive, Printer & 15" Monitor (17" recommended)
- 20GB Hard Disk with 1GB free (40 GB with 5 GB free recommended)
- 256 MB RAM (512 MB recommended)
- 32 MB Video Card (64 MB SVGA recommended)
- Internet Explorer 5.5 SP1 (Internet Explorer 6.0 SP1 recommended)

# NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Rhode Island Department of Transportation (RIDOT)  
Contracts and Specifications

## ELECTRONIC BIDDING PROCEDURES QUEST LITE UPGRADE

Effective September 12, 2005, 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 040406 (2.8.2)**. Failure to comply with this requirement could result in the disqualification of your bid offer.

Full installation and upgrade-only software packages for Quest Lite Version 040406 (2.8.2) 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 040405 (2.8.1) need only install the upgrade package to complete the conversion.

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

## QUEST LITE VERSION 040406 (2.8.2)

### UPGRADE & FULL INSTALLATION

Effective September 12, 2005, bid offers prepared using the Department of Transportation's Quest Lite software must be prepared using Quest Lite Version 040406 (2.8.2). This new version (upgrade and full installation) is provided on all project CD's issued after August 23, 2005.

Before proceeding with any installations, note the following:

1. Most Quest Lite users 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 040405 (2.8.1) then the upgrade installation is sufficient.
2. For earlier versions (versions below 2.8.1), 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.)

#### Installation Instructions – Upgrade Version

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. (The Quest Lite installation software is located on the CD in the "Quest Lite Software Installation" directory.
3. When prompted for a password, enter "ridot".
4. Follow the instructions provided in the installation wizard to complete the installation.

#### Installation Instructions – Complete Installation

1. Close Quest Lite before attempting the installation.
2. Remove the existing installation of Quest Lite. To accomplish this, follow the instructions provided on pages 19 – 25 of the Quest Lite User Manual provided with the project CD. Follow the installation removal directions for the operating system in use on the machine.
3. Using the project CD, double-click on the "Complete Installation" option provided on the Start page. (The Quest Lite installation software is located on the CD in the "Quest Lite Software Installation" directory.
5. When prompted for a password, enter "ridot".
6. Follow the instructions provided on pages 11 - 18 in the Quest Lite User Manual to complete the installation.

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

State of Rhode Island and Providence Plantations  
Department of Transportation - Design Section

Notice to Contractors  
Special Provisions  
Proposal  
Contact Agreement  
Contract Bond

for the Performance of

Rhode Island Contract Number: 2006-CH-032

Rhode Island Federal-Aid/State-Aid Project Numbers: PLH-F005(016)

Project: BLACKSTONE RIVER BIKEWAY SEGMENT 4A

Limits: From Mill Street, Cumberland to John Street, Lincoln

City/Town: CUMBERLAND, LINCOLN

County: PROVIDENCE

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, 2004 Edition.
- The Rhode Island Standard Details, 1998 Edition, with all revisions.
- The Rhode Island Bridge Standard Details, 2003 Edition

**\* Refer to Section 102.05 of the Standard Specifications for specifications 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 April 28, 2006 at 11:30:00 AM. 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) 222-2142 ext. 134. Failure to comply will result in mandatory disqualification per Item 4 of Section 102.12 of the Rhode Island Department of Transportation's Standard Specifications for Road and Bridge Construction 2004 Edition and RI General Law 37-2-17 which references the RI Vendor Information Program (RIVIP).

**DESCRIPTION: R.I. Contract No. 2006-CH-032, R.I. Fedral Aid Project Nos. PLH- F005(016). The work in the contract shall include, but not limited to, clearing and grubbing, selective clearing, excavation, construction of wood pile pier bents and bridge abutments, wooden superstructure with wooden deck, construction of mechanically stabilized earth slope retaining walls, soldier pile and lagging retaining wall, bridge deck repair, bridge joint repair, bridge parapet construction, cold planning and bituminous concrete overlay, construction of bituminous concrete bikeway, installation of split rail bicycle railing, metal railing, bridge lighting modification, installation of landscape amenities, site regarding and seeding, planting, erection of signs, pavement markings, erosion controls, utility adjustments, traffic control and all other incidentals, complete, in place and accepted, as necessary to complete the work of this contract to the satisfaction of the engineer.**

**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 goal of not less than 7 percent of the contract bid price, including the established Race-Conscious goal of not less than 0 percent, to the Contractors, Subcontractors, and/or suppliers which qualify as Disadvantaged Business Enterprises (DBE's).**

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 April 7, 2006 every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

**The Bidder Package consists of a compact disk that contains the Construction Plans, the 2004 Standard Specification for Road and Bridge Construction, the Compilation of Approved Specifications, the Required Contract Provisions for Federal-Aid Construction Contracts, the General Provisions, the Rhode Island Standard Details, the Contract-Specifics General Provisions, the Job-Specific Specifications, the Quest Lite bid file, Quest Lite installation software, and the quest Lite User Manual. Only complete bid package will be issued.**

**Appendix A: Environmental Permits, Appendix B: Remedial Action Work Plan, Appendix C: Structural Disposition List**

**Prospective bidders are hereby notified that all questions pertaining to the contract documents shall be submitted to the Department of Transportation through its website at [www.dot.state.ri.us](http://www.dot.state.ri.us) by accessing the questions menu located within the project listing under the "Contracting - Bidding Opportunities" link. Responses to questions submitted will also be posted to this location. Phone calls will not be accepted.** 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 under the rules and regulations for carrying out the provisions of the Federal-Aid Highway Act, subject to all appropriate Federal Laws, including Title VI of the Civil Rights Act of 1964, as amended and supplemented, and the required provisions for Federal - Aid Contracts, as provided for in Chapters 85, 86 and 88 of the Public Laws of Rhode Island, 1960.

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 RIDOT TMC on April 18, 2006 at 9:00:00 AM 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.

DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES

BY BRIAN P. STERN

EXECUTIVE DIRECTOR/PURCHASING AGENT

## **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**

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 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.

## Items List

Date: 3/15/2006

Project Name - BLACKSTONE RIVER BIKEWAY SEGMENT 4A  
 R.I. Contract No. - 2006-CH-032  
 FAP Nos: PLH-F005(016)

Seq No.	Item Code	Description	Quantity	UM
001	201.0320	CLEARING AND GRUBBING	1.25	ACRE
002	201.0401	REMOVE AND DISPOSE GRANITE CURB	555.00	LF
003	201.0403	REMOVE AND DISPOSE SIDEWALKS	340.00	SY
004	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	246.00	SY
005	201.0410	REMOVE AND DISPOSE CATCH BASINS	1.00	EACH
006	201.0414	REMOVE AND DISPOSE PIPE - ALL SIZES	8.00	LF
007	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	293.00	LF
008	201.0419	REMOVE AND DISPOSE FENCE	114.00	LF
009	201.0422	REMOVE AND DISPOSE DROP INLET	1.00	EACH
010	201.9901	REMOVE AND DISPOSE BUILDING FOUNDATION	1.00	LS
011	201.9902	REMOVE AND DISPOSE RAILING	20.00	LF
012	201.9903	EXCAVATING, HAULING AND TIPPING HAZARDOUS WASTE	1.00	LS
013	201.9905	REMOVE AND DISPOSE SOLID WASTE TRASH	50.00	TON
014	201.9907	EXCAVATE AND HAUL ARSENIC TAINTED SOIL	615.00	CY
015	202.0100	EARTH EXCAVATION	639.00	CY
016	202.0300	UNCLASSIFIED EXCAVATION	73.00	CY
017	202.0700	COMMON BORROW	3,376.00	CY
018	203.0100	STRUCTURAL EXCAVATION EARTH	35.00	CY
019	203.0700	PERVIOUS FILL	170.00	CY
020	204.0100	TRIMMING AND FINE GRADING	9,887.00	SY
021	204.9901	PROOF ROLL SUBGRADE	1,422.00	SY
022	206.0201	BALED HAY EROSION CHECK STANDARD 9.1.0	2,720.00	LF
023	206.0208	REMOVAL OF BALED HAY EROSION CHECKS	2,900.00	LF
024	206.0220	SILT FENCE STANDARD 9.2.0	833.00	LF
025	206.0230	BALED HAY EROSION CHECK AND SILT FENCE COMBINED STANDARD 9.3.0	1,743.00	LF
026	206.9901	TEMPORARY TIMBERMATS - 12' WIDE	1,000.00	LF
027	207.0202	BALED HAY DITCH EROSION CHECK STANDARD 9.4.0	150.00	LF
028	212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	1.00	LS
029	302.0100	GRAVEL BORROW SUBBASE COURSE	1,385.00	CY
030	401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	1,320.00	TON
031	401.0300	BITUMINOUS SURFACE COURSE TYPE I-2	397.00	TON
032	401.0400	BRIDGE BINDER	170.00	TON
033	403.0300	ASPHALT EMULSION TACK COAT	16,393.00	SY
034	601.0200	CLASS XX PORTLAND CEMENT CONCRETE	2.00	CY
035	701.0412	REINFORCED CONCRETE PIPE M 170 CLASS III 12 INCH	59.00	LF
036	701.0418	REINFORCED CONCRETE PIPE M 170 CLASS III 18 INCH	123.00	LF
037	701.0424	REINFORCED CONCRETE PIPE M 170 CLASS III 24 INCH	27.00	LF
038	701.7712	12 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	2.00	EACH
039	701.7718	18 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	5.00	EACH

## Items List

Date: 3/15/2006

Project Name - BLACKSTONE RIVER BIKEWAY SEGMENT 4A  
 R.I. Contract No. - 2006-CH-032  
 FAP Nos: PLH-F005(016)

Seq No.	Item Code	Description	Quantity	UM
			26.00	CY
040	701.8003	PIPE BEDDING CLASS C	1.00	EACH
041	702.0514	FRAME AND GRATE STANDARD 6.4.0	1.00	EACH
042	702.0516	FRAME AND GRATE, HIGH CAPACITY, STANDARD 6.3.4	2.00	EACH
043	702.0517	FRAME AND GRATE, STANDARD 6.3.2	2.00	EACH
044	702.0605	PRECAST CATCH BASIN 4' DIAMETER STANDARD 4.4.0	1.00	EACH
045	702.0713	PRECAST CONCRETE DROP INLET WITH APRON STONE STANDARD 4.5.1	1.00	EACH
046	702.0714	PRECAST CONCRETE DROP INLET WITH APRON STONE STANDARD 4.5.2	2.00	EACH
047	702.9901	RECONSTRUCTION SEWER/DRAIN MANHOLE	2.00	EACH
048	707.0900	ADJUST MANHOLES TO GRADE	10.00	EACH
049	707.1000	ADJUST SANITARY MANHOLE	2.00	EACH
050	707.1100	ADJUST CATCH BASINS	1.00	EACH
051	707.1200	ADJUST CATCH BASIN TO MANHOLE	320.00	LF
052	708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	3.00	CY
053	709.0200	CONCRETE HEADWALLS FOR PIPE CULVERTS STANDARD 2.1.0	9.00	EACH
054	713.8269	ADJUST WATER GATE BOXES TO GRADE	1.00	LS
055	800.9901	TEMPORARY PROTECTIVE SHIELD	1.00	LS
056	803.9901	REMOVE & DISPOSE OF PORTIONS OF EXISTING SUPERSTRUCTURE	2,130.00	SY
057	803.9902	REMOVE & DISPOSE BRIDGE DECK BITUMINOUS CONCRETE PAVEMENT	2,261.00	LF
058	804.0440	TREATED TIMBER PILES FURNISH AND DRIVE OVER 40 FEET LONG	60.00	EACH
059	804.9901	PILE CUT-OFF AND FIELD TREATED	3.00	EACH
060	804.9902	DYNAMIC LOAD TEST - TIMBER PILE	13.00	EA
061	805.4100	SOLDIER PILES DRIVE, STEEL	390.00	SF
062	805.4400	TIMBER LAGGING - INSTALLED	40.00	MBM
063	806.1200	GLUE LAMINATED TIMBER DECKING	50.00	MBM
064	806.1250	GLUE LAMINATED TIMBER BEAMS AND STRINGERS	13,940.00	BM
065	806.1500	TIMBER FOR CURBS, RAILS & POSTS	6,761.00	BM
066	806.1550	TIMBER FOR BEAMSEATS & SILLS	720.00	BM
067	806.1700	TIMBER FOR BRACING	250.00	CI
068	808.1621	JOINT SEALER POURED AND CAULKED TYPE A	80.00	SF
069	808.1632	PREFORMED JOINT FILLER BITUMINOUS 1/2"	50.00	SF
070	808.1640	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1/2"	70.00	SF
071	808.1642	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1"	5,280.00	CI
072	808.1651	MASTIC JOINT SEALER	6,350.00	CI
073	808.1670	POLYURETHANE JOINT SEALANT	2,010.00	SF
074	808.1810	CONCRETE SURFACE FINISHING RUBBED REGULAR	150.00	CY
075	808.9901	CONCRETE SUPERSTRUCTURE CLASS HP (AE) 3/4" DECK AND BARRIER	15.00	CY
076	808.9902	CONCRETE SUBSTRUCTURE CLASS HP WALL CAP	470.00	SF
077	809.9901	PRECAST CONCRETE LAGGING PANEL		

## Items List

Date: 3/15/2006

Project Name - BLACKSTONE RIVER BIKEWAY SEGMENT 4A  
 R.I. Contract No. - 2006-CH-032  
 FAP Nos: PLH-F005(016)

Seq No.	Item Code	Description	Quantity	UM
078	810.0300	EPOXY COATED BARS GRADE 60	26,350.00	LBS
079	810.0701	WELDED WIRE FABRIC (EPOXY COATED)	3,800.00	SF
080	813.0400	RUBBERIZED ASPHALT LIQUID MEMBRANE (WATERPROOFING MEMBRANE)	1,950.00	SY
081	817.2110	REPAIRS TO STRUCTURAL CONCRETE MASONRY (PATCHING MORTAR)	50.00	CF
082	818.2020	PORTLAND CEMENT CONCRETE DECK REPAIRS (PARTIAL DEPTH REMOVAL)	300.00	SF
083	819.0800	DRILL AND GROUT REINFORCING DOWELS	440.00	EACH
084	820.0110	CONCRETE SURFACE TREATMENT (PROTECTIVE COATING)	3,480.00	SF
085	821.1690	SAW & SEALING JOINTS IN BITUMINOUS CONCRETE PAVEMENT	90.00	LF
086	823.1722	COMPRESSION TYPE NEOPRENE FIXED JOINT 1-5/8" EXTRUDED SEALER	32.00	LF
087	823.1750	ASPHALTIC EXPANSION JOINT SYSTEM	58.00	LF
088	823.1760	STRIP SEAL EXPANSION JOINT ASSEMBLIES	58.00	LF
089	824.0121	AASHTO M270 GRADE 36 STEEL FURNISH FABRICATE AND ERECT ROLLED SIMPLE SPANS	1,290.00	LBS
090	825.8020	SURFACE PREPARATION USING SSPC-SP2,SSPC- SP3, AND/OR SSPC-SP11 METHODS	500.00	SF
091	825.8040	PAINTING EXISTING STRUCTURAL STEEL	500.00	SF
092	826.0100	CONTAINMENT, COLLECTION, STORAGE AND DISPOSAL OF DEBRIS AND SPENT MATERIALS	1.00	LS
093	827.8038	THERMAL SPRAYED ZINC COATING STRUCTURAL STEEL	90.00	SF
094	828.0400	PEDESTRIAN BRIDGE BEARINGS	128.00	EACH
095	830.9901	STEEL BRIDGE RAIL - TWO BAR	460.00	LF
096	833.9901	GRANITE TOWN TABLET	2.00	EACH
097	834.0212	SLOPE FACE GRANITE CURB STRAIGHT 10" X 15"	440.00	LF
098	835.0230	DECK SCUPPERS TRIPLE COMPLETE WITH DOWNSPOUT	4.00	EACH
099	836.0100	STRUCTURAL CONCRETE CRACK REPAIR BY EPOXY-RESIN BASE ADHESIVE INJECTION	250.00	LF
100	901.0151	TERMINAL END SECTION SINGLE FACE STANDARD 34.3.2	1.00	EACH
101	902.9901	SPLIT RAIL BICYCLE RAILING - GROUND MOUNTED	1,026.00	LF
102	902.9902	TEMPORARY CONSTRUCTION FENCE	250.00	LF
103	902.9903	METAL RAILING - 42" HIGH	370.00	LF
104	902.9904	STEEL BOLLARD	3.00	EACH
105	902.9905	MODIFY EXISTING WROUGHT IRON FENCE	40.00	LF
106	903.9901	6' HIGH STOCKADE FENCE	82.00	LF
107	904.0101	REMOVE AND RESET FENCE AND/OR RAILING CHAIN LINK	20.00	LF
108	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	15.00	CY
109	905.0122	BITUMINOUS SIDEWALK TYPE I-2 STANDARD 43.2.0	9.00	TON
110	906.0110	GRANITE CURB, QUARRY SPLIT STRAIGHT, STANDARD 7.3.0	20.00	LF
111	906.0116	GRANITE CURB, QUARRY SPLIT 2 FOOT CORNERS, STANDARD 7.3.4	1.00	EACH

## Items List

Date: 3/15/2006

Project Name - BLACKSTONE RIVER BIKEWAY SEGMENT 4A  
 R.I. Contract No. - 2006-CH-032  
 FAP Nos: PLH-F005(016)

Seq No.	Item Code	Description	Quantity	UM
112	906.0118	6' GRANITE TRANSITION CURB, QUARRY SPLIT SPECIAL TRANSITION STANDARD 7.3.2	4.00	EACH
113	906.0120	GRANITE WHEELCHAIR RAMP CURB STANDARDS 7.3.3, 43.3.0 AND 43.3.1	4.00	EACH
114	906.0221	6' PRECAST CONCRETE TRANSITION CURB STANDARD 7.1.2	2.00	EACH
115	906.0250	PRECAST CONCRETE WHEELCHAIR RAMP CURB STANDARDS 7.1.3, 43.3.0 AND 43.3.1	4.00	EACH
116	906.0700	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	72.00	LF
117	907.0100	WATER FOR DUST CONTROL	5.00	MGAL
118	909.9901	SINGLE FACED CONCRETE MEDIAN BARRIER 40.2.0M	420.00	LF
119	910.9901	MECHANICALLY STABILIZED EARTH SLOPE	4,673.00	SF
120	910.9902	BIAXIAL GEOGRID REINFORCEMENT	670.00	SY
121	914.5010	FLAGPERSONS	3,840.00	MHRS
122	914.5020	FLAGPERSONS - OVERTIME	384.00	MHRS
123	915.0100	HIGHWAY BOUND GRANITE STANDARD 14.2.0	14.00	EACH
124	915.0200	HIGHWAY BOUNDS REINFORCED CONCRETE STANDARD 14.1.0	23.00	EACH
125	917.9901	BOULDER BARRIER	4.00	EACH
126	919.0101	TEST PITS	6.00	EACH
127	920.0040	DUMPED STONE RIPRAP R-3, R-4, R-5 STANDARD 8.3.0	29.00	SY
128	920.0055	PLACED STONE RIPRAP R-3, R-4, R-5 STANDARD 8.3.0	130.00	SY
129	920.0135	BEDDING FOR RIPRAP FS-2 STANDARD 8.3.0	159.00	SY
130	920.9901	FILTER FABRIC FOR RIPRAP	159.00	SY
131	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	389.00	SF
132	923.0105	DRUM BARRICADE STANDARD 26.2.0	3,015.00	B DAY
133	923.0125	PLASTIC PIPE TYPE III BARRICADE STANDARD 26.3.1	7.00	EACH
134	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	100.00	EACH
135	924.0113	ADVANCE WARNING ARROW PANEL	180.00	P DAY
136	926.0130	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	2,236.00	LF
137	926.0140	REFLECTIVE DELINEATORS FOR TEMPORARY CONCRETE BARRIERS	45.00	EACH
138	929.0100	FIELD OFFICES 240 SQUARE FOOT MINIMUM	24.00	PMO
139	929.0300	CHAMP MANAGEMENT SYSTEM	10,000.00	EACH
140	931.0110	CLEANING AND SWEEPING PAVEMENT	161.00	HSY
141	932.0100	CUTTING AND MATCHING ASPHALT	333.00	LF
142	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	1,094.00	LF
143	932.0220	FULL DEPTH SAWCUT OF BITUMINOUS SIDEWALK/DRIVEWAY	25.00	LF
144	932.0230	FULL DEPTH SAWCUT OF PORTLAND CEMENT CONCRETE SIDEWALK/DRIVEWAY	38.00	LF
145	934.1000	SURVEY PARTY	76.00	P DAY
146	935.0500	REMOVING BITUMINOUS SURFACE - COLD PLANING	5,059.00	SY
147	936.0110	MOBILIZATION	1.00	LS

## Items List

Date: 3/15/2006

Project Name - BLACKSTONE RIVER BIKEWAY SEGMENT 4A  
 R.I. Contract No. - 2006-CH-032  
 FAP Nos: PLH-F005(016)

Seq No.	Item Code	Description	Quantity	UM
148	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
149	943.0100	TRAINEE MAN-HOURS	1,750.00	MNHR
150	L01.0102	LOAM BORROW 4 INCHES DEEP	5,732.00	SY
151	L01.9901	DUCK NESTING BOX	10.00	EACH
152	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	5,732.00	SY
153	L05.0506	JUTE MESH	2,092.00	SY
154	L06.9901	ACER RUBRUM - 2 - 2 1/2" CALIPER B+B	5.00	EACH
155	L06.9902	ACER SACCHARINUM - 1 1/2 - 2" CALIPER B+B	8.00	EACH
156	L06.9903	NYSSA SYLVATICA - 1 1/2 - 2" CALIPER B+B	6.00	EACH
157	L06.9904	QUERCUS BICOLOR - 1 1/2 - 2" CALIPER B+B	7.00	EACH
158	L06.9905	ILEX GLABRA - 24 - 30" CONTAINER	14.00	EACH
159	L06.9906	VACCINIUM CORYMBOSUM - 24 - 30" CONTAINER	40.00	EACH
160	L06.9907	ILEX VERTICILLATA - 24 - 30" CONTAINER	17.00	EACH
161	L06.9908	LINDERA BENZOIN	11.00	EACH
162	L09.0106	SELECTIVE CLEARING	2.00	ACRE
163	L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	28.00	EACH
164	L13.9901	TREE WELL	4.00	CY
165	T04.5001	6 AWG SINGLE CONDUCTOR CABLE 600V INSULATION	240.00	LF
166	T04.5303	14 AWG 3 CONDUCTOR CABLE	1,110.00	LF
167	T04.6906	'6' STRANDED COPPER CONDUCTOR 600V INSULATION	1,425.00	LF
168	T04.6908	'8' STRANDED COPPER CONDUCTOR 600V INSULATION	475.00	LF
169	T04.6910	'10' STRANDED COPPER CONDUCTOR 600V INSULATION	400.00	LF
170	T04.7300	IN-LINE FUSED DISCONNECT DEVICE WITH FUSE WEATHERPROOF	4.00	EACH
171	T04.7400	IN-LINE UNFUSED DISCONNECT DEVICE	4.00	EACH
172	T04.9902	2,3, AND 4- WAY SPLICES PRE-MOLDED SPLICES	20.00	EACH
173	T05.0100	PRECAST TYPE A HANDHOLE STANDARD 18.2.0	2.00	EACH
174	T05.0302	PULL BOX ON STRUCTURE - TYPE W	4.00	EACH
175	T06.1020	2 IN. RIGID STEEL CONDUIT - UNDERGROUND	95.00	LF
176	T06.2020	2 IN. RIGID STEEL CONDUIT-OVERHEAD	10.00	LF
177	T06.4020	2 IN. RIGID STEEL CONDUIT IN STRUCTURE	1,000.00	LF
178	T06.6020	2 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-OVERHEAD	10.00	LF
179	T06.7102	EXPANSION COUPLING WITHOUT TRANSVERSE MOTION 2" STEEL	8.00	EACH
180	T06.9901	2 INCH POLYVINYL CHLORIDE CONDUIT (SCHEDULE 40)-UNDERGROUND	30.00	LF
181	T06.9902	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT (SCHEDULE 40)-UNDERGROUND	41.00	LF
182	T06.9903	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT (SCHEDULE 80)-UNDER EXISTING PAVEMENT	70.00	LF
183	T07.9901	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM CUT OFF LUMINARE	4.00	EACH
184	T08.0200	LIGHT STANDARD ANCHORAGES ON BRIDGES	4.00	EACH

## Items List

Date: 3/15/2006

Project Name - BLACKSTONE RIVER BIKEWAY SEGMENT 4A  
 R.I. Contract No. - 2006-CH-032  
 FAP Nos: PLH-F005(016)

Seq No.	Item Code	Description	Quantity	UM
185	T08.9901	ALUMINUM LIGHT STANDARD 30FT. WITH SINGLE DAVIT ARM - 6 FT.	4.00	EACH
186	T09.1000	SERVICE PEDESTAL STANDARD 18.4.0	1.00	EACH
187	T09.9901	SERVICE RISER	1.00	LS
188	T11.1030	30 FOOT GAL STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	2.00	EACH
189	T12.1012	DOUBLE CIRCUIT FLASHER SOLID STATE, POLE MOUNTED INCLUDING CABINET	1.00	EACH
190	T12.9150	METER SOCKET W/MANUAL BY-PASS	1.00	EACH
S191	T14.3511	1 WAY 1 SECTION MAST ARM MOUNTED SIGNAL HEAD 12 INCH	8.00	EACH
192	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	212.25	SF
193	T15.9901	BIKEWAY ID SIGN	4.00	EACH
194	T15.9902	SITE ID SIGN	6.00	EACH
195	T15.9903	BIKEWAY DIRECTIONAL SIGN	9.00	EACH
196	T15.9904	DOUBLE BIKEWAY DIRECTIONAL SIGN	6.00	EACH
197	T15.9906	ALTERNATE URBAN TRAILBLAZER	10.00	EACH
198	T15.9907	INTERPRETIVE SIGN	5.00	EACH
199	T15.9908	UPRIGHT WAYSIDE SIDE SIGN (DOUBLE SIDED)	5.00	EACH
200	T15.9909	REMOVE AND SALVAGE LOCATION SIGN	4.00	EACH
201	T19.9901	GRANITE MILE MARKER	17.00	EACH
202	T19.9902	REMOVE & SALVAGE GRANITE MILE MARKER	7.00	EACH
203	T19.9903	TOWN ID GRANITE BOLLARD	1.00	EACH
204	T20.0604	TEMPORARY PAVEMENT MARKING (TAPE) YELLOW AND/OR WHITE - 4 INCH	9,645.00	LF
205	T20.1000	REMOVE EXISTING PAVEMENT MARKINGS	2,700.00	LF
206	T20.2004	4 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	2,000.00	LF
207	T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	712.00	LF
208	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	6,129.00	LF
209	T20.9901	EPOXY RESIN PAVEMENT MARKING "BICYCLE SYMBOL"	5.00	EACH
210	T20.9902	EPOXY RESIN PAVEMENT MARKING "STOP AHEAD"	3.00	EACH
211	T20.9903	EPOXY RESIN PAVEMENT MARKING "XING"	5.00	EACH