

# SOLICITATION INFORMATION

February 21, 2005

**BID NUMBER #B04811**

**TITLE: RI CONTRACT #2005 - CH - 014  
I-295 SAFETY IMPROVEMENTS CONT  
3E N.B. REST AREA AND BIKE PATH**

**OPENING DATE AND TIME: 3/25/05 – 11:30 A.M.**

**PRE-BID/ PROPOSAL CONFERENCE: YES**

**DATE: 3/15/2005 TIME: 9:00 AM**

**LOCATION: DOT BUILDING, TRANSPORTATION MGMT. CENTER, ROOM 126,  
PROVIDENCE, RI**

**SURETY REQUIRED: YES**

**BOND REQUIRED: YES**

**WILLIAM J. ANDERSON   
ADMINISTRATOR/PURCHASING SYSTEMS**

WA/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 on-line 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.

## 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)

**\* 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.

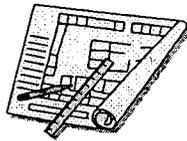
NO BID OFFER WILL BE ACCEPTED WITHOUT PROPER BIDDER REGISTRATION AND DIGITAL ID'S.

**RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION**

**RIDOT Provides:**



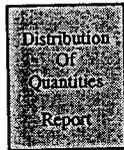
**CD**



**Plans (on CD)**

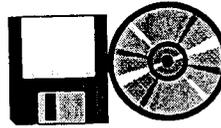


**Contract Documents  
(on CD)**

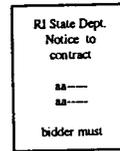


**DOQ Report  
(on CD)**

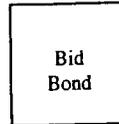
**Bidder Must Submit:**



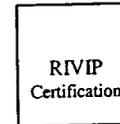
**Readable 3 1/2"  
High Density  
Disk or CD**



**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*

**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: 2005-CH-014**

**Rhode Island Federal-Aid\State-Aid Project Numbers: IM-2955(094)**

**Project: I-295 SAFETY IMPROVEMENTS - CONTRACT 3E - N.B. REST AREA AND BIKE PATH**

**Limits: I-295 Northbound Rest Area to the existing Blackstone Bike Path**

**City/Town: 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 **3/25/05** at 11:30. 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 1997 Edition and RI General Law 37-2-17 which references the RI Vendor Information Program (RIVIP).

**DESCRIPTION: RIC No. 2005-CH-014, RI FAP No. IM-2955(094) consist of improvements to the I-295 Northbound Rest Area located approximately 1.4 miles north of the Route 146 Interchange and the construction of the Blackstone Valley Gateway Center Bike Path from I-295 Northbound Rest Area to the Blackstone Bike Path at Route 116. The proposed work on the I-295 Northbound Rest Area portion of the project will include, but not limited to, the construction of a collector - distributor (CD) road, parking lots, and a deceleration lane parallel to I-295. Additional proposed work will consist of, but not limited to, site preparation, installation of new lighting, new drainage detention basins, new drainage system, erosion protection, new bituminous concrete pavement, landscaping, installation of pavement markings, and all other incidentals, complete in place and accepted as necessary, to complete the work of the contract to the satisfaction of the Engineer. The Blackstone Valley Gateway Bike Path portion of the project will include , but is not limited to, placement of new pavement structures, earth excavation, rock excavation, installation and maintenance of erosion control measures, construction of new drainage ditches and culverts, installation of signage and pavement markings, plantable soils and seeding, tree wells, tree walls, turf reinforcement matting, installation of a post and rail fence, and any incidentals necessary to execute this work, complete in place and accepted within the limits of the 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 15 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 **3/4/05** every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

**The Bid Package consist of a compact disk that contains the Construction Plans, the 2004 Standard Specifications 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 Rhode Island Bridge Standard Details, Federal Wage Rates, the Contract - Specific General Provisions, the Job Specific Specifications, the Distribution of Quantities, Quest Lite bid file, the Quest Lite Installation Software, and the Quest Lite User Manual. Only complete bid packages will be issued. Prospective bidders are hereby notified that all questions pertaining to this Contract shall be submitted to the Department of Transportation through it's 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 "Administrative Services - Bids" link. Responses to questions submitted will also be posted under the project listing. Phone calls will not be accepted.**

**Appendix A - Phase I Environmental Site Assessment.**

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, Two Capitol Hill, Traffic Management Center (TMC) Rm. 126 at 9:00am on 3/15/05 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 PETER S. CORR

ASSOCIATE 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: 1/7/2005

Project Name - I-295 SAFETY IMPROVEMENTS - CONTRACT 3E -  
 N.B. REST AREA AND BIKE PATH  
 R.I. Contract No. - 2005-CH-014  
 FAP Nos: IM-2955(094)

Seq No.	Item Code	Description	Quantity	UM
001	201.0320	CLEARING AND GRUBBING	7.00	ACRE
002	201.0402	REMOVE AND DISPOSE CONCRETE CURB	3,302.00	LF
003	201.0403	REMOVE AND DISPOSE SIDEWALKS	294.00	SY
004	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	8,766.00	SY
005	201.0410	REMOVE AND DISPOSE CATCH BASINS	4.00	EACH
006	201.0414	REMOVE AND DISPOSE PIPE - ALL SIZES	1,098.00	LF
007	201.0419	REMOVE AND DISPOSE FENCE	40.00	LF
008	201.0423	REMOVE AND DISPOSE HANDHOLE	23.00	EACH
009	201.0428	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER	4.00	EACH
010	201.0432	REMOVE AND DISPOSE HEADWALL	1.00	EACH
011	201.0440	REMOVE AND DISPOSE ASBESTOS CEMENT PIPE/ DUCT (TRANSITE) ALL TYPES AND SIZES	190.00	LF
012	201.0601	REMOVE AND DISPOSE GROUND MOUNTED SIGNS	2.00	EACH
013	201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	1.00	EACH
014	201.0616	REMOVE AND DISPOSE LIGHT STANDARD FOUNDATIONS	21.00	EACH
015	201.0617	REMOVE AND DISPOSE CONDUIT - ALL SIZES	620.00	LF
016	201.9901	REMOVE AND DISPOSE WOOD POLE, LUMINAIRES, & CONDUCTORS	1.00	LS
017	201.9903	REMOVE AND DISPOSE STEEL POST	9.00	EACH
018	201.9904	REMOVE AND DISPOSE PICNIC TABLES AND BENCHES	14.00	EACH
019	201.9905	REMOVE AND DISPOSE MEDIAN BARRIER	140.00	LF
S020	201.9906	MANAGEMENT OF MISCELLANEOUS HAZARDOUS AND SPECIAL WASTE	1.00	LS
S021	201.9907	ASBESTOS ABATEMENT	1.00	LS
S022	201.9908	DEMOLITION OF BUILDING	1.00	LS
023	201.9909	REMOVE AND DISPOSE ABANDONED AUTOMOBILE	2.00	EACH
024	201.9910	REMOVE AND DISPOSE REFUSE	5.00	TON
025	202.0100	EARTH EXCAVATION	26,927.00	CY
026	202.0200	ROCK EXCAVATION COMMON	1,242.00	CY
027	204.0100	TRIMMING AND FINE GRADING	49,329.00	SY
028	205.0240	TRENCH ROCK EXCAVATION (0-7')	436.00	CY
029	206.0201	BALED HAY EROSION CHECK STANDARD 9.1.0	7,111.00	LF
030	206.0208	REMOVAL OF BALED HAY EROSION CHECKS	6,200.00	LF
031	206.0220	SILT FENCE STANDARD 9.2.0	840.00	LF
032	207.0202	BALED HAY DITCH EROSION CHECK STANDARD 9.4.0	1,584.00	LF
033	208.9901	30 MIL WATER BARRIER LINER WITH SAND BEDDING	1,400.00	SY
034	208.9902	WATER QUALITY DEPTH INDICATOR POST	3.00	EACH
035	209.0110	BALED HAY CATCH BASIN INLET PROTECTION STANDARD 9.8.0	260.00	LF
036	212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	1.00	LS
037	302.0100	GRAVEL BORROW SUBBASE COURSE	12,300.00	CY
038	401.0100	BITUMINOUS BASE COURSE	6,516.00	TON

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 FAP Nos: IM-2955(094)

Seq No.	Item Code	Description	Quantity	UM
039	401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	2,790.00	TON
040	401.0300	BITUMINOUS SURFACE COURSE TYPE I-2	500.00	TON
041	401.9901	BITUMINOUS BASE COURSE - BIKEPATH	500.00	TON
042	403.0300	ASPHALT EMULSION TACK COAT	41,444.00	SY
043	701.0412	REINFORCED CONCRETE PIPE M 170 CLASS III 12 INCH	716.00	LF
044	701.0418	REINFORCED CONCRETE PIPE M 170 CLASS III 18 INCH	193.00	LF
045	701.5208	8 INCH DUCTILE IRON WATER PIPE CLASS 52, RESTRAINED JOINT	290.00	LF
046	701.5308	8 INCH DUCTILE IRON WATER PIPE CLASS 52, PUSH-ON JOINT	1,060.00	LF
047	701.5406	6 INCH DUCTILE IRON WATER PIPE CLASS 52, MECHANICAL JOINT	110.00	LF
048	701.7712	12 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	12.00	EACH
049	701.7718	18 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	3.00	EACH
050	701.8003	PIPE BEDDING CLASS C	20.00	CY
051	701.8100	FURNISH AND INSTALL DUCTILE IRON FITTINGS	778.00	LBS
052	701.8106	6 INCH GATE VALVE AND BOX	1.00	EACH
053	701.8108	8 INCH GATE VALVE AND BOX	1.00	EACH
054	701.8160	BLOW OFF ASSEMBLY	2.00	EACH
055	701.8163	POST TYPE HYDRANT	1.00	EACH
056	701.9001	CONDUCT LEAKAGE TEST	1.00	EACH
057	701.9002	STERILIZATION OF WATER MAINS	1.00	LS
058	701.9901	PIPE JACKING	270.00	LF
059	702.0516	FRAME AND GRATE, HIGH CAPACITY, STANDARD 6.3.4	8.00	EACH
060	702.0533	PRECAST CONCRETE APRON STONE 38" STANDARD 7.1.8	4.00	EACH
061	702.0605	PRECAST CATCH BASIN 4' DIAMETER STANDARD 4.4.0	7.00	EACH
062	702.9901	WATER QUALITY BASIN DISCHARGE CHAMBER	1.00	LS
063	705.1300	RECONSTRUCT CB TYPE 'D' TO CATCH BASIN WITH GUTTER INLET	1.00	EACH
064	706.9000	PLUG AND CAP PIPE ALL SIZES	1.00	EACH
065	707.1100	ADJUST CATCH BASINS	2.00	EACH
066	708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	107.00	LF
067	709.8103	FURNISH & INSTALL CEMENT CONCRETE CLASS B THRUST & ANCHOR BLOCKS CAST-IN-PLACE	2.00	CY
068	711.0110	3" PAVED WATERWAY CLASS I-1 STANDARD 8.4.0	18.00	SY
069	712.0100	WATER GATE BOX	2.00	EACH
070	901.0101	GUARDRAIL STEEL BEAM SINGLE FACE EARTH AND ASPHALT	705.00	LF
071	901.0151	TERMINAL END SECTION SINGLE FACE STANDARD 34.3.2	2.00	EACH
072	901.0324	POST (IN CONCRETE) CHAIN LINK	2.00	EACH
073	901.9901	FLARED GUARDRAIL END TREATMENT	2.00	EACH
074	901.9902	POST AND RAIL FENCE	1,937.00	LF
S075	902.0100	STEEL BACKED TIMBER GUARDRAIL STANDARD 34.4.0	125.00	LF

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 N.B. REST AREA AND BIKE PATH  
 R.I. Contract No. - 2005-CH-014  
 FAP Nos: IM-2955(094)

Seq No.	Item Code	Description	Quantity	UM
S076	902.0200	STEEL BACKED TIMBER GUARDRAIL TERMINAL SECTION TYPE 1 STANDARD 34.4.1	2.00	EACH
077	902.9901	TEMPORARY SNOW FENCE	1,937.00	LF
078	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	52.00	CY
079	906.0210	CEMENT CONCRETE CURB PRECAST STRAIGHT STANDARD 7.1.0	1,092.00	LF
080	906.0211	CEMENT CONCRETE CURB PRECAST CIRCULAR STANDARD 7.1.0	172.00	LF
081	906.0221	6' PRECAST CONCRETE TRANSITION CURB STANDARD 7.1.2	6.00	EACH
082	906.0230	CEMENT CONCRETE SLOPE FACE CURB PRECAST STRAIGHT STANDARD 7.2.0	5,532.00	LF
083	906.0231	CEMENT CONCRETE SLOPE FACE CURB PRECAST CIRCULAR STANDARD 7.2.0	602.00	LF
084	906.0250	PRECAST CONCRETE WHEELCHAIR RAMP CURB STANDARDS 7.1.3, 43.3.0 AND 43.3.1	9.00	EACH
085	906.0270	PRECAST CONCRETE TRANSITION CURB STANDARD 7.2.2	6.00	EACH
086	906.0271	PRECAST CONCRETE SLOPE FACE TRANSITION CURB STANDARD 7.2.1	8.00	EACH
087	906.0602	BITUMINOUS BERM STANDARD 7.5.1	445.00	LF
088	907.0100	WATER FOR DUST CONTROL	106.00	MGAL
089	914.5010	FLAGPERSONS	400.00	MHRS
090	914.5020	FLAGPERSONS - OVERTIME	40.00	MHRS
091	915.0200	HIGHWAY BOUNDS REINFORCED CONCRETE STANDARD 14.1.0	9.00	EACH
092	920.0040	DUMPED STONE RIPRAP R-3, R-4, R-5 STANDARD 8.3.0	179.00	SY
093	920.0085	PLACED STONE RIPRAP R-3, R-4, R-5 STANDARD 8.3.0	30.00	CY
094	920.0135	BEDDING FOR RIPRAP FS-2 STANDARD 8.3.0	179.00	SY
095	920.0150	BEDDING FOR RIPRAP FS-2 STANDARD 8.3.0	13.00	CY
096	920.0200	FILTER FABRIC FOR RIP-RAP	179.00	SY
097	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	20.00	SF
098	926.0130	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	390.00	LF
099	929.0100	FIELD OFFICES 240 SQUARE FOOT MINIMUM	18.00	PMO
100	929.0300	CHAMP MANAGEMENT SYSTEM	10,000.00	EACH
101	931.0110	CLEANING AND SWEEPING PAVEMENT	205.00	HSY
102	932.0100	CUTTING AND MATCHING ASPHALT	1,190.00	LF
103	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	85.00	LF
104	934.1000	SURVEY PARTY	180.00	PDAY
105	936.0110	MOBILIZATION	1.00	LS
106	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
107	942.0100	DETECTABLE WARNING SYSTEMS STANDARD 48.1.0	24.00	SF
108	943.0100	TRAINEE MAN-HOURS	1,500.00	MNHR
109	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	25,073.00	SY

## Items List

Project Name - I-295 SAFETY IMPROVEMENTS - CONTRACT 3E -  
 N.B. REST AREA AND BIKE PATH  
 R.I. Contract No. - 2005-CH-014  
 FAP Nos: IM-2955(094)

Seq No.	Item Code	Description	Quantity	UM
110	L01.9901	HIGH ORGANIC SOIL - (12 INCHES DEEP)	1,850.00	SY
S111	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	25,073.00	SY
S112	L02.9901	EMERGENT WETLAND SEED MIX	1,850.00	SY
S113	L04.0514	FERTILIZATION OF SEEDED AND GRASSED AREAS	5.00	ACRE
S114	L05.0502	ADHESIVE MULCH STABILIZER	2.00	ACRE
115	L05.0506	JUTE MESH	3,186.00	SY
116	L05.9901	TURF REINFORCEMENT MAT	2,500.00	SF
117	L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	37.00	EACH
118	L13.0205	CIRCUMFERENTIAL TREE WELL BLOCK CONSTRUCTION STANDARD 51.3.0	28.50	CY
119	L13.0206	TREE WALL STANDARD 51.4.0	29.00	CY
S120	T04.6902	'2' STRANDED COPPER CONDUCTOR 600V INSULATION	17,800.00	LF
S121	T04.6906	'6' STRANDED COPPER CONDUCTOR 600V INSULATION	6,720.00	LF
S122	T04.9901	PRE-MOLDED 2, 3, & 4 WAY SPLICES	209.00	EACH
S123	T04.9902	POWER CABLE (AS SPECIFIED BY VIDEO EQUIPMENT MANUFACTURER)	60.00	LF
S124	T04.9903	CAMERA VIDEO CABLE (AS SPECIFIED BY VIDEO EQUIPMENT MANUFACTURER)	60.00	LF
S125	T04.9904	CAMERA CONTROL CABLE (AS SPECIFIED BY VIDEO EQUIPMENT MANUFACTURER)	60.00	LF
S126	T05.0100	PRECAST TYPE A HANDHOLE STANDARD 18.2.0	49.00	EACH
S127	T05.0200	PRECAST TYPE H HEAVY DUTY HANDHOLE STANDARD 18.2.1	4.00	EACH
128	T05.0301	PRECAST TYPE B PULL BOX STANDARD 18.2.2	3.00	EACH
S129	T05.9901	INSTALL HEAVY DUTY PRECAST HANDHOLE NECO-PRIMARY ELECTRIC SUPPLY	4.00	EACH
S130	T05.9902	TELEPHONE MANHOLE	4.00	EACH
S131	T06.1020	2 IN. RIGID STEEL CONDUIT - UNDERGROUND	150.00	LF
S132	T06.5020	2 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-UNDERGROUND	470.00	LF
S133	T06.5030	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-UNDERGROUND	6,800.00	LF
S134	T06.5040	4 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-UNDERGROUND	1,400.00	LF
S135	T06.9902	ELECTRIC / TELEPHONE PVC CONDUIT SYSTEM CONCRETE ENCASED	4,868.00	LF
S136	T06.9903	ELECTRIC PVC CONDUIT CONCRETE ENCASED	50.00	LF
S137	T06.9904	ELECTRIC / TELEPHONE PVC CONDUIT CONCRETE ENCASED	250.00	LF
S138	T06.9905	ELECTRIC / TELEPHONE / COMMUNICATIONS PVC CONDUIT CONCRETE ENCASED	300.00	LF
S139	T07.1250	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM LUMINAIRE	48.00	EACH
S140	T07.1400	FURNISH AND INSTALL 400 WATT HIGH PRESSURE SODIUM LUMINAIRE	13.00	EACH
S141	T08.0100	LIGHT STANDARD FOUNDATION WITH ANCHOR BOLTS STANDARD 18.1.0	50.00	EACH

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Project Name - I-295 SAFETY IMPROVEMENTS - CONTRACT 3E -  
 N.B. REST AREA AND BIKE PATH  
 R.I. Contract No. - 2005-CH-014  
 FAP Nos: IM-2955(094)

Seq No.	Item Code	Description	Quantity	UM
S142	T08.2031	ALUMINUM LIGHTING STD. 30 FT. W/ SINGLE DAVIT ARM EXTN. 10 FT. STANDARD 18.3.0	31.00	EACH
S143	T08.2032	ALUM. LIGHTING STD. 30 FT. W/ DOUBLE DAVIT ARM EXTN. 10X10 FT. STANDARD 18.3.0	6.00	EACH
S144	T08.2041	ALUMINUM LIGHTING STD. 40 FT. W/ SINGLE DAVIT ARM EXTN. 10 FT. STANDARD 18.3.0	10.00	EACH
S145	T08.2042	ALUM. LIGHTING STD. 40 FT. W/ DOUBLE DAVIT ARM EXTN. 10X10 FT. STANDARD 18.3.0	3.00	EACH
S146	T09.1000	SERVICE PEDESTAL STANDARD 18.4.0	1.00	EACH
S147	T09.9901	SINGLE PHASE PAD MOUNTED TRANSFORMER AND FOUNDATION	1.00	EACH
S148	T09.9902	VIDEO SURVEILLANCE SYSTEM PEDESTAL	1.00	EACH
S149	T11.9901	40 FOOT GALVANIZED STEEL CAMERA POLE W/ LOWERING DEVICE AND FOUNDATION	1.00	EACH
S150	T11.9902	DOME BRACKET	1.00	EACH
S151	T11.9903	PORTABLE LOWERING TOOL	1.00	EACH
S152	T12.9901	CAMERA POWER SUPPLY	1.00	EACH
S153	T12.9902	VIDEO SERVER / RECEIVER	2.00	EACH
S154	T12.9903	NETWORK ROUTER	1.00	EACH
S155	T12.9904	POWER CONDITIONER	1.00	EACH
S156	T12.9905	SYSTEM START UP SUPPORT	1.00	LS
S157	T14.9901	CAMERA ASSEMBLY	1.00	EACH
S158	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	342.00	SF
S159	T15.2000	PARKING SIGNS	30.00	SF
S160	T16.0100	GROUND MOUNTED PRIMARY DIRECTIONAL SIGN PANELS EXTRUDED ALUMINUM	634.00	SF
S161	T16.0300	GROUND MOUNTED PRIMARY DIRECTIONAL SIGN POST-STEEL BREAKAWAY	14.00	EACH
S162	T16.9901	REST AREA SIGN FRAMING	388.00	LF
S163	T20.0900	BI-DIRECTIONAL CONTROL DEVICE STANDARD 20.2.0	3.00	EACH
S164	T20.2004	4 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	12,094.00	LF
S165	T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	2,408.00	LF
S166	T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	2,624.00	LF
S167	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	6,807.00	LF
S168	T20.2016	6 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	1,394.00	LF
S169	T20.9901	WHITE EPOXY RESIN PAVEMENT MARKINGS - HANDICAP PARKING SYMBOL	5.00	EACH
S170	T20.9902	WHITE EPOXY RESIN PAVEMENT MARKING WORD "BUMP"	2.00	EACH