

SOLICITATION INFORMATION

September 28, 2005

BID NUMBER #B05650

**TITLE: RI CONTRACT #2005-CH-075
RECONSTRUCTION OF ROUTE 5**

OPENING DATE AND TIME: 10/19/05 – 11:30 AM

PRE-BID/ PROPOSAL CONFERENCE: YES DATE: 10/6/05 TIME: 9:00 AM

MANDATORY: NO

**LOCATION: DEPARTMENT OF TRANSPORTATION
TRANSPORTATION MANAGEMENT CENTER (TMC)
TWO CAPITOL HILL, ROOM 126
PROVIDENCE, RI 02903**

SURETY REQUIRED: YES

BOND REQUIRED: YES

**WILLIAM J. ANDERSON, C.P.M.
PURCHASING ADMINISTRATOR**



Vendors must register on-line at the State Purchasing Website at www.purchasing.ri.gov 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.

/db

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)

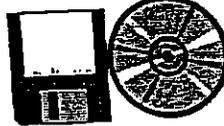


Contract Documents
(on CD)

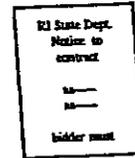


DOQ Report
(on CD)

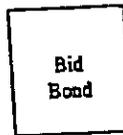
Bidder Must Submit:



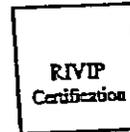
Readable 3 1/2"
High Density
Disk or CD



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.

**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-075

Rhode Island Federal-Aid\State-Aid Project Numbers: STP-0005(025), STPG-0005(026)

Project: Reconstruction of Route 5 (Contract 2)

Limits: Interstate 95 Bridge to Potters Avenue

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, 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 10/19/05 at 11:30am . All bidders MUST register online at 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: RI Contract No. 2005-CH-075, Federal Aid Project No. STP-0005(025) and STPG-0005(026) is for the Reconstruction of Route 5 (Contract 2), from Interstate 95 Bridge to Potters Avenue, approximately 0.95 miles, in the City of Warwick, County of Kent. The work encompassed in this Contract shall include, but not be limited to, the reconstruction of the pavement structure. The full-depth pavement structure will consist of a 2 inch Bituminous Concrete Surface Course, 6 inch Bituminous Base Course, and 12 inch Gravel Borrow Subbase Course. The resurfacing of Route 113 (East Avenue) will consist of cold planing 4 inches of existing bituminous concrete surface course, cleaning and sweeping pavement and placing a 4 inch bituminous concrete surface course.

Traffic signal modifications proposed under this contract shall include but not be limited to traffic signal system reconstruction, replacement of controllers and cabinets, new mast arm poles and foundations, new steel span poles and foundations, signal heads, pedestrian signal heads, loop detectors, handholes, conduit, trench excavation and backfill, installation of traffic monitoring equipment cabinets, temporary traffic signal system, wiring and installation of radar vehicle detector supports.

The project also consists of Intelligent Transportation System (ITS) Close Circuit Video Equipment (CCVE) and a fiber optic communication backbone. The project includes the installation of two (2) Closed Circuit Television (CCTV) cameras and support structures and a lowering device. This work shall include, but is not limited to, the furnishing, installation and testing of the required support structures and foundations, video and communications field equipment, and all necessary conduits, handholes, and wiring. The field equipment shall be mounted at locations as shown on the Plans, and shall be used to augment RIDOT Transportation Management Center (TMC) operations. Camera control and observation of video shall take place on an Internet browser residing on existing computers located within the TMC. The video shall also be made available in NTSC format for display on the TMC projection display system

Other items shall include installation of new ductile iron water pipe, telephone ducts and manholes, installation of gas main, cutting and matching pavement, installation of concrete curbing and sidewalks including handicapped access ramps where required, installation of new drainage structures and utility boxes, stamped and colored concrete, landscaping islands, providing tree protection, pavement markings, loaming and seeding, signing, traffic control and all other incidentals necessary to complete the work 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 9/28/05 every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

The Bid Package consists of a compact disk that contains the 2004 Standard Specifications for Road and Bridge Construction, the Compilation of Approved Specifications, the Required Contract Provisions, the General Provisions, the Rhode Island Standard Details, the Contract-Specific General Provisions, the Job-

Specific Specifications, the Quest Lite Bid file, 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 the Contract Documents shall be submitted to the Department of Transportation through its website at 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.

Appendix A is the RIDEM Application No. 03-0195 in reference to the property and proposed project located approximately 300 feet north of Chapman's Street and approximately 600 feet northwest of its intersection with Bailey Street at the intersection of Greenwich Avenue (Route 5) with East Avenue (Route 113) along Greenwich Avenue between Metro Center Boulevard and Potters Avenue. Appendix B contains the pavement coring logs that were taken at various locations along Route 5 between Mayfield Avenue to Hillard Avenue.

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. 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 Two Capitol Hill, in the Traffic Management Center on 10/6/05 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.

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: 9/2/2005

Project Name - Reconstruction of Route 5 (Contract 2)

R.I. Contract No. - 2005-CH-075

FAP Nos: STP-0005(025), STPG-0005(026)

Seq No.	Item Code	Description	Quantity	UM
001	201.0301	CUTTING AND DISPOSING ISOLATED TREES AND STUMPS (4"- 24")	30.00	EACH
002	201.0302	CUTTING AND DISPOSING ISOLATED TREES AND STUMPS (24" OR PLUS)	12.00	EACH
003	201.0310	REMOVE AND DISPOSE SHRUBS	100.00	EACH
004	201.0320	CLEARING AND GRUBBING	2.46	ACRE
005	201.0402	REMOVE AND DISPOSE CONCRETE CURB	17,946.00	LF
006	201.0403	REMOVE AND DISPOSE SIDEWALKS	4,922.00	SY
007	201.0405	REMOVE AND DISPOSE MASONRY	8.00	CY
008	201.0408	REMOVE AND DISPOSE RIGID PAVEMENT	478.00	SY
009	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	39,098.00	SY
010	201.0410	REMOVE AND DISPOSE CATCH BASINS	46.00	EACH
011	201.0412	REMOVE AND DISPOSE MANHOLE	24.00	EACH
012	201.0414	REMOVE AND DISPOSE PIPE - ALL SIZES	5,221.00	LF
013	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	3,459.00	LF
014	201.0419	REMOVE AND DISPOSE FENCE	377.00	LF
015	201.0421	REMOVE AND DISPOSE BITUMINOUS CURB	20.00	LF
016	201.0423	REMOVE AND DISPOSE HANDHOLE	24.00	EACH
017	201.0426	REMOVE AND DISPOSE PRIVATE SIGN	2.00	EACH
018	201.0428	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER	81.00	EACH
019	201.0430	REMOVE AND DISPOSE CONCRETE MEDIAN BARRIER	220.00	LF
020	201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	117.00	EACH
021	201.0616	REMOVE AND DISPOSE LIGHT STANDARD FOUNDATIONS	26.00	EACH
022	201.9901	REMOVE AND DISPOSE LIGHTING SERVICE PEDESTAL	1.00	LS
023	201.9902	REMOVE AND DISPOSE ALUMINUM POLE STANDARDS AND LUMINAIRES	23.00	EACH
024	201.9903	REMOVE AND DISPOSE BILLBOARD	2.00	EACH
025	201.9904	REMOVE AND DISPOSE ORNAMENTAL LIGHT POLE (SD-19)	1.00	EACH
026	201.9905	REMOVE AND DISPOSE CIRCUIT CONDUCTORS	4,550.00	LF
027	201.9906	REMOVE AND DISPOSE IRRIGATION SYSTEM	1.00	LS
028	201.9907	REMOVE AND DISPOSE LIGHT POLE WITH CAMERA (SD-31)	1.00	EACH
029	201.9908	REMOVE AND RELOCATE GROUND MOUNTED CONTROLLER CABINET, POLE AND RADAR VEHICLE DET	1.00	LS
030	201.9909	REMOVE AND SALVAGE TRAFFIC SIGNAL SYSTEM	3.00	EACH
031	201.9910	REMOVE AND DISPOSE FLAGPOLE	1.00	EACH
032	202.0100	EARTH EXCAVATION	21,926.00	CY
033	202.0700	COMMON BORROW	2,762.09	CY
034	204.0100	TRIMMING AND FINE GRADING	55,643.00	SY
035	205.0240	TRENCH ROCK EXCAVATION (0-7')	25.00	CY
036	206.0230	BALED HAY EROSION CHECK AND SILT FENCE COMBINED STANDARD 9.3.0	1,826.00	LF

Items List

Date: 9/2/2005

Project Name - Reconstruction of Route 5 (Contract 2)

R.I. Contract No. - 2005-CH-075

FAP Nos: STP-0005(025), STPG-0005(026)

Seq No.	Item Code	Description	Quantity	UM
037	207.0210	STONE CHECK DAMS	10.00	CF
038	302.0100	GRAVEL BORROW SUBBASE COURSE	6,642.00	CY
039	401.0100	BITUMINOUS BASE COURSE	9,033.00	TON
040	401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	5,413.00	TON
041	403.0300	ASPHALT EMULSION TACK COAT	100,121.00	SY
042	410.1000	TEMPORARY PATCHING MATERIAL/TRENCHES	1,819.00	TON
S043	601.9901	STAMPED AND COLORED CONCRETE	550.00	SY
044	701.0412	REINFORCED CONCRETE PIPE M 170 CLASS III 12 INCH	3,288.00	LF
045	701.0415	REINFORCED CONCRETE PIPE M 170 CLASS III 15 INCH	973.00	LF
046	701.0418	REINFORCED CONCRETE PIPE M 170 CLASS III 18 INCH	1,605.00	LF
047	701.0424	REINFORCED CONCRETE PIPE M 170 CLASS III 24 INCH	556.00	LF
048	701.0430	REINFORCED CONCRETE PIPE M 170 CLASS III 30 INCH	300.00	LF
S049	701.5406	6 INCH DUCTILE IRON WATER PIPE CLASS 52, MECHANICAL JOINT	292.00	LF
S050	701.5408	8 INCH DUCTILE IRON WATER PIPE CLASS 52, MECHANICAL JOINT	120.00	LF
S051	701.5412	12 INCH DUCTILE IRON WATER PIPE CLASS 52, MECHANICAL JOINT	1,070.00	LF
S052	701.5416	16 INCH DUCTILE IRON WATER PIPE CLASS 52, MECHANICAL JOINT	2,128.00	LF
053	701.7724	24 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	1.00	EACH
054	701.7730	30 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	1.00	EACH
S055	701.8100	FURNISH AND INSTALL DUCTILE IRON FITTINGS	10,000.00	LBS
056	701.8106	6 INCH GATE VALVE AND BOX	6.00	EACH
057	701.8108	8 INCH GATE VALVE AND BOX	1.00	EACH
058	701.8112	12 INCH GATE VALVE AND BOX	2.00	EACH
059	701.8116	16 INCH GATE VALVE AND BOX	1.00	EACH
060	701.8150	TYPE K COPPER SERVICE PIPE	20.00	LF
S061	701.9001	CONDUCT LEAKAGE TEST	1.00	EACH
S062	701.9002	STERILIZATION OF WATER MAINS	1.00	LS
S063	701.9903	INSTALLATION OF 2" POLYETHYLENE GAS MAIN	551.00	LF
S064	701.9904	INSTALLATION OF 6" POLYETHYLENE GAS MAIN	20.00	LF
S065	701.9905	INSTALLATION OF 8" POLYETHYLENE GAS MAIN	414.00	LF
S066	701.9906	INSTALLATION OF 12" POLYETHYLENE GAS MAIN	3,252.00	LF
067	701.9907	3" SDR 21 SANITARY SEWER FORCE MAIN	310.00	LF
068	701.9908	12" X 12" TAPPING SLEEVE AND GATE VALVE	1.00	EACH
069	701.9909	16" X 16" TAPPING SLEEVE AND GATE VALVE	3.00	EACH
070	702.0512	FRAME AND GRATE STANDARD 6.3.0	1.00	EACH
071	702.0514	FRAME AND GRATE STANDARD 6.4.0	2.00	EACH
072	702.0517	FRAME AND GRATE, STANDARD 6.3.2	143.00	EACH
073	702.0521	FRAME AND COVER STANDARD 6.2.0	4.00	EACH
074	702.0522	FRAME AND COVER STANDARD 6.2.1	7.00	EACH
075	702.0533	PRECAST CONCRETE APRON STONE 38" STANDARD 7.1.8	46.00	EACH

Items List

Project Name - Reconstruction of Route 5 (Contract 2)

R.I. Contract No. - 2005-CH-075

FAP Nos: STP-0005(025), STPG-0005(026)

Seq No.	Item Code	Description	Quantity	UM
076	702.0534	PRECAST CONCRETE INLET STONE SLOPE FACE 5'	22.00	EACH
077	702.0605	PRECAST CATCH BASIN 4' DIAMETER STANDARD 4.4.0	43.00	EACH
078	702.0610	PRECAST CATCH BASIN 5' DIAMETER STANDARD 4.4.0	1.00	EACH
079	702.0615	PRECAST CATCH BASIN 6' DIAMETER STANDARD 4.4.0	1.00	EACH
080	702.0630	PRECAST MANHOLE 4' DIAMETER STANDARD 4.2.0	10.00	EACH
081	702.0708	CATCH BASIN 5' DIAMETER STANDARD 3.4.5	2.00	EACH
082	702.0725	SOLID BLOCK SHALLOW DOUBLE GRATE CATCH BASIN STANDARD 3.5.2	42.00	EACH
083	702.0727	SOLID BLOCK SHALLOW DOUBLE GRATE CATCH BASIN STANDARD 3.5.4	4.00	EACH
084	702.0840	ALTERNATE TOP COVER ROUND PRECAST MANHOLES AND CATCH BASINS STANDARD 4.7.2	1.00	EACH
085	702.9903	PRECAST CONCRETE APRON STONE 60" MODIFIED, STD. 7.1.8	41.00	EACH
086	707.0900	ADJUST MANHOLES TO GRADE	2.00	EACH
087	707.0950	ADJUST TELEPHONE MANHOLE TO GRADE	4.00	EACH
088	707.0955	ADJUST ELECTRICAL MANHOLE TO GRADE	3.00	EACH
089	707.1000	ADJUST SANITARY MANHOLE	4.00	EACH
090	708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	978.00	LF
091	708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	6.00	EACH
092	713.9901	REMOVE AND REPLACE CURB STOP BOX	20.00	EACH
093	713.9902	REMOVE AND REPLACE GAS GATE BOX	13.00	EACH
094	713.9903	REMOVE AND REPLACE WATER GATE BOX	20.00	EACH
095	714.8263	REMOVE AND RELOCATE POST TYPE HYDRANT	7.00	EACH
096	901.0101	GUARDRAIL STEEL BEAM SINGLE FACE EARTH AND ASPHALT	471.00	LF
097	901.0191	GUARDRAIL STEEL BEAM ANCHORAGE TRAILING END SECTION STANDARD 34.3.4	3.00	EACH
098	901.9901	CRASH CUSHION - COMPLETE IN PLACE	1.00	EACH
099	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	529.70	CY
100	905.0115	PORTLAND CEMENT CONCRETE DRIVEWAY STANDARD 43.5.0	77.60	CY
101	905.9901	PORTLAND CEMENT SIDEWALK EXPOSED AGGREGATE FINISH 6" THICK	1,624.00	SY
102	906.0210	CEMENT CONCRETE CURB PRECAST STRAIGHT STANDARD 7.1.0	7,200.00	LF
103	906.0211	CEMENT CONCRETE CURB PRECAST CIRCULAR STANDARD 7.1.0	1,947.00	LF
104	906.0221	6' PRECAST CONCRETE TRANSITION CURB STANDARD 7.1.2	58.00	EACH
105	906.0230	CEMENT CONCRETE SLOPE FACE CURB PRECAST STRAIGHT STANDARD 7.2.0	4,420.00	LF
106	906.0231	CEMENT CONCRETE SLOPE FACE CURB PRECAST CIRCULAR STANDARD 7.2.0	775.00	LF
107	906.0250	PRECAST CONCRETE WHEELCHAIR RAMP CURB STANDARDS 7.1.3, 43.3.0 AND 43.3.1	47.00	EACH

Items List

Date: 9/2/2005

Project Name - Reconstruction of Route 5 (Contract 2)
 R.I. Contract No. - 2005-CH-075
 FAP Nos: STP-0005(025), STPG-0005(026)

Seq No.	Item Code	Description	Quantity	UM
108	906.0271	PRECAST CONCRETE SLOPE FACE TRANSITION CURB STANDARD 7.2.1	6.00	EACH
109	906.0280	3' PRECAST CONCRETE TRANSITION CURB STANDARD 7.1.1	1.00	EACH
110	906.0602	BITUMINOUS BERM STANDARD 7.5.1	51.00	LF
111	907.0100	WATER FOR DUST CONTROL	340.00	MGAL
112	907.0200	CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE)	120.00	TON
113	914.5010	FLAGPERSONS	21,120.00	MHRS
114	914.5020	FLAGPERSONS - OVERTIME	10,775.00	MHRS
115	915.0100	HIGHWAY BOUND GRANITE STANDARD 14.2.0	38.00	EACH
116	919.0101	TEST PITS	75.00	EACH
117	920.0050	PLACED STONE RIPRAP R-1, R-2 STANDARD 8.3.0	3.00	SY
118	920.0060	PLACED STONE RIPRAP R-6, R-7, R-8	18.00	SY
119	920.0130	BEDDING FOR RIPRAP FS-1 STANDARD 8.3.0	3.00	SY
120	920.0140	BEDDING FOR RIPRAP FS-3 STANDARD 8.3.0	18.00	SY
121	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	1,893.71	SF
122	923.0105	DRUM BARRICADE STANDARD 26.2.0	52,000.00	BDAY
123	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	100.00	EACH
124	924.0113	ADVANCE WARNING ARROW PANEL	3,000.00	PDAY
125	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	3,000.00	PDAY
126	926.0130	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	1,400.00	LF
127	926.0140	REFLECTIVE DELINEATORS FOR TEMPORARY CONCRETE BARRIERS	250.00	EACH
128	927.0135	RELOCATE PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL	200.00	LF
129	929.0100	FIELD OFFICES 240 SQUARE FOOT MINIMUM	30.00	PMO
130	929.0300	CHAMP MANAGEMENT SYSTEM	10,000.00	EACH
131	931.0110	CLEANING AND SWEEPING PAVEMENT	931.20	HSY
132	932.0100	CUTTING AND MATCHING ASPHALT	1,533.00	LF
133	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	4,870.00	LF
134	932.0220	FULL DEPTH SAWCUT OF BITUMINOUS SIDEWALK/DRIVEWAY	51.00	LF
135	932.0230	FULL DEPTH SAWCUT OF PORTLAND CEMENT CONCRETE SIDEWALK/DRIVEWAY	12.00	LF
136	934.1000	SURVEY PARTY	300.00	PDAY
137	935.0500	REMOVING BITUMINOUS SURFACE - COLD PLANING	4,715.00	SY
138	936.0110	MOBILIZATION	1.00	LS
139	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
140	942.0100	DETECTABLE WARNING SYSTEMS STANDARD 48.1.0	282.00	SF
141	943.0100	TRAINEE MAN-HOURS	3,000.00	MNIIR
142	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	12,320.50	SY
143	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	12,320.50	SY
144	L06.9901	PEASTONE 4" DEEP	230.00	SY

Items List

Date: 9/2/2005

Project Name - Reconstruction of Route 5 (Contract 2)

R.I. Contract No. - 2005-CH-075

FAP Nos: STP-0005(025), STPG-0005(026)

Seq No.	Item Code	Description	Quantity	UM
145	L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	25.00	EACH
146	L11.0103	SHRUB PLANT PROTECTION DEVICE STANDARD 51.2.0	685.00	LF
147	L15.9901	WOOD GATE	1.00	LS
S148	T04.5302	14 AWG 2 CONDUCTOR TWISTED SHIELDED CABLE	4,850.00	LF
S149	T04.5303	14 AWG 3 CONDUCTOR CABLE	3,850.00	LF
S150	T04.5305	14 AWG 5 CONDUCTOR CABLE	4,840.00	LF
S151	T04.5307	14 AWG 7 CONDUCTOR CABLE	440.00	LF
S152	T04.6902	'2' STRANDED COPPER CONDUCTOR 600V INSULATION	17,800.00	LF
S153	T04.6906	'6' STRANDED COPPER CONDUCTOR 600V INSULATION	6,270.00	LF
S154	T04.9901	PRE-MOLDED SUBMERSIBLE SPLICES - 2-, 3-, AND 4-WAY	160.00	EACH
S155	T04.9902	12 STRAND SINGLE MODE FIBER OPTIC CABLE	505.00	LF
S156	T04.9903	72 STRAND SINGLE MODE FIBER OPTIC CABLE	3,935.00	LF
S157	T04.9904	WEATHERPROOF CATEGORY 6UTP-4 PAIR 23 AWG PLENUM CABLE	100.00	LF
S158	T04.9905	POWER CABLE (AS SPECIFIED BY VIDEO EQUIPMENT MANUFACTURER)	485.00	LF
S159	T04.9906	CAMERA VIDEO CABLE (AS SPECIFIED BY VIDEO EQUIPMENT MANUFACTURER)	485.00	LF
S160	T04.9907	CAMERA CONTROL CABLE (AS SPECIFIED BY VIDEO EQUIPMENT MANUFACTURER)	485.00	LF
S161	T04.9908	3 CONDUCTOR SHIELDED #20 AWG OPTICOM CABLE	1,015.00	LF
S162	T05.0100	PRECAST TYPE A HANDHOLE STANDARD 18.2.0	56.00	EACH
S163	T05.0200	PRECAST TYPE H HEAVY DUTY HANDHOLE STANDARD 18.2.1	2.00	EACH
164	T05.0400	BREAK INTO EXISTING HANDHOLE	1.00	EACH
S165	T05.9901	FIBER OPTIC HANDHOLE	1.00	EACH
S166	T05.9902	FIBER OPTIC SPLICE MANHOLE	6.00	EACH
S167	T06.1020	2 IN. RIGID STEEL CONDUIT - UNDERGROUND	275.00	LF
S168	T06.1030	3 IN. RIGID STEEL CONDUIT-UNDERGROUND	20.00	LF
S169	T06.2020	2 IN. RIGID STEEL CONDUIT-OVERHEAD	30.00	LF
S170	T06.5020	2 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-UNDERGROUND	185.00	LF
S171	T06.5030	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-UNDERGROUND	5,355.00	LF
S172	T06.5330	3 INCH SCHEDULE 40 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDER EXISTING PAVEMENT	165.00	LF
S173	T06.5430	3 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDER EXISTING PAVEMENT	720.00	LF
S174	T06.6020	2 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-OVERHEAD	40.00	LF
S175	T06.9902	SERVICE RISER	1.00	EACH
S176	T06.9905	DUAL 1-1/4" HDPE DUCT UNDER EXISTING PAVEMENT	1,825.00	LF
S177	T06.9906	SINGLE 1-1/4" HDPE DUCT UNDER EXISTING PAVEMENT	120.00	LF
S178	T06.9907	DUAL 1-1/4" HDPE DUCT - UNDERGROUND	2,555.00	LF
S179	T06.9908	SINGLE 1-1/4" HDPE DUCT - UNDERGROUND	165.00	LF
S180	T06.9909	3" RIGID STEEL CONDUIT WITH DUAL INNERDUCTS ATTACHED TO STRUCTURE	245.00	LF

Items List

Date: 9/2/2005

Project Name - Reconstruction of Route 5 (Contract 2)
 R.I. Contract No. - 2005-CH-075
 FAP Nos: STP-0005(025), STPG-0005(026)

Seq No.	Item Code	Description	Quantity	UM
181	T07.9901	25-WATT HPS CUTOFF LUMINAIRE	33.00	EACH
S182	T08.0100	LIGHT STANDARD FOUNDATION WITH ANCHOR BOLTS STANDARD 18.1.0	33.00	EACH
S183	T08.2031	ALUMINUM LIGHTING STD. 30 FT. W/ SINGLE DAVIT ARM EXTN. 10 FT. STANDARD 18.3.0	33.00	EACH
S184	T09.1000	SERVICE PEDESTAL STANDARD 18.4.0	1.00	EACH
S185	T11.1025	25 FOOT GAL STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	1.00	EACH
S186	T11.1358	DUAL MAST ARM (35X40) GAL STEEL TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	1.00	EACH
S187	T11.2008	TRAFFIC SIGNAL STANDARD,8 FOOT,STD 19.4.0	3.00	EACH
S188	T11.2500	ALUMINUM PEDESTAL POLE AND FOUNDATION TRAFFIC SIGNAL STANDARD GALVANIZED STEEL AND FOUNDATION STANDARD 19.3.0	4.00	EACH
S189	T11.6005	TETHER WIRE 5/16	430.00	LF
S190	T11.6006	SPAN AND MESSENGER WIRES 6/16	430.00	LF
S191	T11.9901	60' GALVANIZED STEEL CAMERA POLE WITH LOWERING DEVICE AND FOUNDATION	1.00	EACH
S192	T11.9902	CAMERA MOUNTING ARM WITH POLE ADAPTER LOCATION	1.00	EACH
S193	T11.9903	PORTABLE LOWERING TOOL	1.00	EACH
S194	T12.0018	ACTUATED CONTROLLER TS-2, TYPE 1 W/8 PHASE ASSEMBLY GROUND MOUNTED INCLUDING FOUN	2.00	EACH
S195	T12.9150	METER SOCKET W/MANUAL BY-PASS	2.00	EACH
S196	T12.9901	FIBER OPTIC SPLICE ENCLOSURE - 72 STRAND	3.00	EACH
S197	T12.9902	FIBER OPTIC PATCH PANEL - 12 POSITION	3.00	EACH
S198	T12.9903	FIBER OPTIC PATCH CORD	18.00	EACH
S199	T12.9904	ETHERNET SWITCH	3.00	EACH
S200	T12.9905	ETHERNET ROUTER	2.00	EACH
S201	T12.9907	CAMERA POWER SUPPLY	2.00	EACH
S202	T12.9908	VIDEO SERVER/RECEIVER	4.00	EACH
S203	T12.9909	CAMERA ASSEMBLY	2.00	EACH
S204	T12.9910	SYSTEM START-UP SUPPORT	1.00	LS
S205	T12.9911	CENTRAL COMPUTER SYSTEM	1.00	LS
S206	T12.9918	ACTUATED CONTROLLER TS-2 TYPE 1 WITH 8 PHASE ASSEMBLY, POLE MOUNTED INCLUDING CAB	1.00	EACH
S207	T13.1000	TRAFFIC DETECTORS-LOOP, STANDARD 19.6.0	6,830.00	LF
S208	T13.1004	TRAFFIC DETECTOR RELAY-LOOP 4 CHANNEL	7.00	EACH
S209	T13.9901	OPTICOM DETECTOR - SINGLE CHANNEL, ONE WAY	6.00	EACH
S210	T13.9902	OPTICOM PHASE SELECTOR AND CHASSIS	2.00	EACH
S211	T13.9903	HEAVY DUTY PEDESTRIAN-PUSHBUTTON W/SIGN	12.00	EACH
S212	T14.3413	1 WAY 3 SECTION SPAN MOUNTED SIGNAL HEAD 12 INCH	16.00	EACH
S213	T14.3513	1 WAY 3 SECTION MAST ARM MOUNTED SIGNAL HEAD 12 INCH	4.00	EACH
S214	T14.3516	1 WAY 4 SECTION MAST ARM MOUNTED SIGNAL HEAD 12 INCH (W/ DUAL IND DUAL ROW L.E.D.	3.00	EACH

Items List

Date: 9/2/2005

Project Name - Reconstruction of Route 5 (Contract 2)
 R.I. Contract No. - 2005-CH-075
 FAP Nos: STP-0005(025), STPG-0005(026)

Seq No.	Item Code	Description	Quantity	UM
S215	T14.3911	1 WAY PEDESTAL MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD 12 INCH	3.00	EACH
S216	T14.3913	1 WAY BRACKET MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD 12 INCH	9.00	EACH
S217	T14.9901	TEMPORARY TRAFFIC SIGNAL - ROUTE 113	1.00	LS
S218	T14.9902	TEMPORARY TRAFFIC SIGNAL - LOWE'S	1.00	LS
S219	T14.9903	ADJUST TEMPORARY TRAFFIC SIGNAL SYSTEMS	4.00	EACH
S220	T14.9904	REMOVE AND SALVAGE TEMPORARY TRAFFIC SIGNAL SYSTEM	2.00	EACH
S221	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	476.80	SF
S222	T15.1000	STREET SIGN ASSEMBLY STD. 24.6.1	17.00	EACH
S223	T15.1100	STREET SIGN - OVERHEAD MOUNTED	9.00	EACH
S224	T16.0200	REMOVE AND RELOCATE GROUND MOUNTED SIGN	1.00	EACH
S225	T16.0300	GROUND MOUNTED PRIMARY DIRECTIONAL SIGN POST-STEEL BREAKAWAY	70.00	EACH
S226	T20.0006	6 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	33,210.00	LF
S227	T20.0012	12 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	5,896.00	LF
S228	T20.0104	4 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	18,620.00	LF
S229	T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	18,685.00	LF
S230	T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	3,628.00	LF
S231	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	10,482.00	LF
S232	T20.2018	8 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	940.00	LF
S233	T20.2020	EPOXY RESIN PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	41.00	EACH
S234	T20.2022	EPOXY RESIN PAVEMENT MARKING WORD "ONLY" STANDARD 20.1.0	4.00	EACH