

SOLICITATION INFORMATION

October 5, 2005

BID NUMBER #B05660

**TITLE: RI CONTRACT #2005-CI-038, WARWICK TRAIN
STATION TRAFFIC & DRAINAGE**

OPENING DATE AND TIME: 10/21/05 AT 11:30 AM

PRE-BID/ PROPOSAL CONFERENCE: YES DATE: 10/11/05 TIME: 10:00 AM

MANDATORY: NO

LOCATION: DOT
 2 CAPITOL HILL
 TMC – ROOM 126
 PROVIDENCE, RI 02903

SURETY REQUIRED: YES

BOND REQUIRED: YES

WILLIAM J. ANDERSON 
ADMINISTRATOR OF PURCHASING SYSTEMS

WJA:da

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.

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.

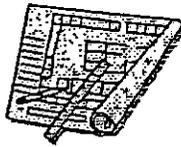
NO BID OFFER WILL BE ACCEPTED WITHOUT PROPER BIDDER REGISTRATION AND DIGITAL ID'S.

**RHODE ISLAND
DEPARTMENT OF TRANSPORTATION**

RIDOT Provides:



CD



Plans (on CD)

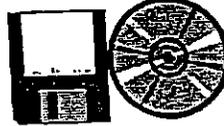


Contract Documents
(on CD)

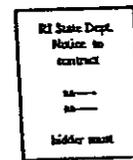


DOQ Report
(on CD)

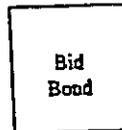
Bidder Must Submit:



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)

**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-CI-038

Rhode Island Federal-Aid/State-Aid Project Numbers: TFG-STAT(004)

Project: Warwick Station Traffic & Drainage Improvements

Limits: Jefferson Boulevard from Coronado Road to Airport Connector and the former Harrington Properties (AP 323; Lots 380 and 388)

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 **October 21, 2005 at 11:30 AM**. 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-CI-038, RI Federal Aid Project No. TGF-STAT(004) is for Warwick Station Traffic & Drainage Improvements in the city of Warwick. The contract encompasses drainage and intersection improvements for Jefferson Boulevard and the future Warwick Intermodal Station site. Intersection improvements include upgrading of the Coronado Road/Jefferson Boulevard intersection and traffic signal system to accommodate left turn storage bays to increase capacity of the intersection. Drainage improvements include a 2700 linear foot RCP storm drain to separate Jefferson Boulevard and the proposed Warwick Intermodal Station stormwater from an existing restricted pipe to improve the existing flooding conditions on the existing site. The work to be performed under this contract includes but is not limited to the following items: Replacement of sidewalks, widening of existing pavement, resetting of granite curbing, full depth pavement removal and reconstruction in excavated trench areas and road widening areas. Also required is cold planing of the remaining, existing paved surface, hot mix overlay, installation of traffic signals, detectors and controllers, removal of existing concrete pipe, and placement of reinforced concrete pipe and associated catch basins, manholes and weir walls in detention ponds. Also included, as part of this work is the demolition of buildings at the following locations: 65 Fresno Road (AP 323; Lot 380) and 83 Imers Street (AP 323, Lot 388). This work shall include but not necessarily be limited to: demolition of buildings, concrete foundations, pads and asphalt paved surfaces, acquisition of the necessary permits, abatement and legal disposal of asbestos-containing materials, removal and off-site recycling/disposal of hazardous and special wastes including PCB light ballasts, mercury containing fluorescent light bulbs and thermostats, and miscellaneous containers of hazardous and special wastes, recycling/disposal of construction debris, disposal of solid waste, utility shut-offs (as necessary); backfilling all excavations with approved common borrow, removal and off-site disposal of underground storage tanks including contents, site restoration, seeding, traffic control and all other incidental work necessary to complete the work of the project 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 20 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 **September 30, 2005** every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

The Bid Package consists of a compact disk containing the RIDOT Standard Specifications for Road and Bridge Construction 2004 Edition, Compilation of Approved Specifications 2004, Required Contract Provisions for Federal Aid Construction Contracts, Rhode Island Standard Details, Bridge Standard Details, General Provisions, Contract Specific Documents, Plans, Federal Wage Rates, Quest Lite Installations and User Manual, and Quest Lite bid file. Only complete bid packages will be provided.

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 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.

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 RIDOT in the TMC, Room 126 on **October 11, 2005** at **10:00 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

Project Name - Warwick Station Traffic & Drainage Improvements

R.I. Contract No. - 2005-CI-038

FAP Nos: TFG-STAT(004)

Seq No.	Item Code	Description	Quantity	UM
001	201.0305	COMPLETE REMOVAL AND DISPOSAL OF ISOLATED STUMPS (6" TO 24")	5.00	EACH
002	201.0321	CLEARING AND GRUBBING	4,954.00	SY
003	201.0401	REMOVE AND DISPOSE GRANITE CURB	528.00	LF
004	201.0402	REMOVE AND DISPOSE CONCRETE CURB	851.00	LF
005	201.0403	REMOVE AND DISPOSE SIDEWALKS	2,603.00	SY
006	201.0406	REMOVE AND DISPOSE HIGHWAY BOUNDS	2.00	EACH
007	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	6,915.00	SY
008	201.0410	REMOVE AND DISPOSE CATCH BASINS	1.00	EACH
009	201.0411	REMOVE AND DISPOSE CATCH BASIN AND GUTTER INLETS	9.00	EACH
010	201.0412	REMOVE AND DISPOSE MANHOLE	8.00	EACH
011	201.0414	REMOVE AND DISPOSE PIPE - ALL SIZES	1,739.00	LF
012	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	194.00	LF
013	201.0418	REMOVE AND DISPOSE HYDRANT	6.00	EACH
014	201.0419	REMOVE AND DISPOSE FENCE	318.00	LF
015	201.0424	REMOVE AND DISPOSE RETAINING WALL	16.50	CY
016	201.0427	REMOVE AND DISPOSE CONCRETE CAR STOPS	14.00	EACH
017	201.0428	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER	2.00	EACH
018	201.0432	REMOVE AND DISPOSE HEADWALL	2.00	EACH
019	201.0602	REMOVE AND STOCKPILE GROUND MOUNTED SIGNS	1.00	EACH
020	201.9901	REMOVE AND DISPOSE PRECAST CONCRETE GORE	20.00	SY
021	201.9902	REMOVE AND DISPOSE ADVERTISEMENT SIGN AND FOUNDATION	1.00	LS
022	201.9903	REMOVE AND RELOCATE RESTAURANT SIGN	1.00	LS
023	201.9904	REMOVE AND DISPOSE MULCH BEDS AND PLANTINGS	99.00	SY
024	201.9905	REMOVE AND RELOCATE SIGN	2.00	EACH
025	201.9906	REMOVE AND SALVAGE TRAFFIC SIGNAL SYSTEM	2.00	EACH
026	201.9907	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGN	8.00	EACH
027	201.9908	REMOVE AND STOCKPILE LIGHT STANDARD AND LUMINAIRE	2.00	EACH
028	201.9909	REMOVE AND DISPOSE LIGHT STANDARD FOUNDATION	4.00	EACH
029	201.9910	DEMOLITION OF BUILDINGS AND STRUCTURES	1.00	LS
030	201.9911	MANAGEMENT OF MISCELLANEOUS HAZARDOUS AND SPECIAL WASTE	1.00	LS
031	201.9912	ASBESTOS ABATEMENT	1.00	LS
032	201.9913	MANAGEMENT OF UNDERGROUND STORAGE TANKS	3.00	EACH
033	201.9914	DISPOSAL OF SOLID WASTE	5.00	TON
034	202.0100	EARTH EXCAVATION	3,059.00	CY
035	202.0700	COMMON BORROW	1,935.00	CY
036	203.0100	STRUCTURAL EXCAVATION EARTH	496.00	CY
037	203.0700	PERVIOUS FILL	496.00	CY

Items List

Date: 9/22/2005

Project Name - Warwick Station Traffic & Drainage Improvements
 R.I. Contract No. - 2005-CI-038
 FAP Nos: TFG-STAT(004)

Seq No.	Item Code	Description	Quantity	UM
038	206.0208	REMOVAL OF BALED HAY EROSION CHECKS	522.00	LF
039	206.0230	BALED HAY EROSION CHECK AND SILT FENCE COMBINED STANDARD 9.3.0	18.00	LF
040	207.0202	BALED HAY DITCH EROSION CHECK STANDARD 9.4.0	126.00	LF
041	209.0110	BALED HAY CATCH BASIN INLET PROTECTION STANDARD 9.8.0	378.00	LF
042	212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	1.00	LS
043	302.0100	GRAVEL BORROW SUBBASE COURSE	2,504.00	CY
044	401.0100	BITUMINOUS BASE COURSE	1,003.00	TON
045	401.0101	BITUMINOUS BINDER COURSE	502.00	TON
046	401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	2,385.00	TON
047	403.0300	ASPHALT EMULSION TACK COAT	25,093.00	SY
048	410.1000	TEMPORARY PATCHING MATERIAL/TRENCHES	29.00	TON
049	601.0200	CLASS XX PORTLAND CEMENT CONCRETE	94.00	CY
050	701.0412	REINFORCED CONCRETE PIPE M 170 CLASS III 12 INCH	262.00	LF
051	701.0424	REINFORCED CONCRETE PIPE M 170 CLASS III 24 INCH	205.00	LF
052	701.0436	REINFORCED CONCRETE PIPE M 170 CLASS III 36 INCH	1,922.00	LF
053	701.0442	REINFORCED CONCRETE PIPE M 170 CLASS III 42 INCH	382.00	LF
054	701.0612	REINFORCED CONCRETE PIPE M 170 CLASS V 12 INCH	198.00	LF
055	701.5206	6 INCH DUCTILE IRON WATER PIPE CLASS 52, RESTRAINED JOINT	6.00	LF
056	701.6008	8 INCH DUCTILE IRON SEWER SAFE PIPE CLASS 52	40.00	LF
057	701.6016	16 INCH DUCTILE IRON SEWER SAFE PIPE CLASS 52	48.00	LF
058	701.6024	24 INCH DUCTILE IRON SEWER SAFE PIPE CLASS 52	13.00	LF
059	701.8003	PIPE BEDDING CLASS C	100.00	CY
060	701.8100	FURNISH AND INSTALL DUCTILE IRON FITTINGS	600.00	LBS
061	701.8106	6 INCH GATE VALVE AND BOX	6.00	EACH
062	701.8150	TYPE K COPPER SERVICE PIPE	127.00	LF
063	701.8151	CURB STOP BOX	11.00	EACH
064	701.8163	POST TYPE HYDRANT	6.00	EACH
065	701.8170	8X6 TAPPING SLEEVE & TAPPING VALVE WITH GATE BOX	1.00	EACH
066	701.9901	CUT-IN'S FOR EXISTING MANHOLE OR CATCH BASIN	4.00	EACH
067	701.9902	BACKFLOW PREVENTOR "DUCKBILL" ELASTOMERIC CHECK VALVE	1.00	EACH
068	701.9903	8 INCH SDR 35 PVC PIPE	89.00	LF
069	702.0208	5' MANHOLE BRICK STANDARD 3.2.1	2.00	EACH
070	702.0209	6' MANHOLE BRICK STANDARD 3.2.1	1.00	EACH
071	702.0513	FRAME AND GRATE STANDARD 6.3.1	5.00	EACH
072	702.0517	FRAME AND GRATE, STANDARD 6.3.2	16.00	EACH
073	702.0522	FRAME AND COVER STANDARD 6.2.1	15.00	EACH
074	702.0532	PRECAST CONCRETE APRON STONE 5' STANDARD 7.1.7	2.00	EACH
075	702.0540	GRANITE INLET STONE 5 FOOT STANDARD 7.3.5	3.00	EACH
076	702.0542	GRANITE APRON STONE 5FT. STANDARD 7.3.7	12.00	EACH
077	702.0610	PRECAST CATCH BASIN 5' DIAMETER STANDARD 4.4.0	1.00	EACH

Items List

Date: 9/22/2005

Project Name - Warwick Station Traffic & Drainage Improvements
 R.I. Contract No. - 2005-CI-038
 FAP Nos: TFG-STAT(004)

Seq No.	Item Code	Description	Quantity	UM
078	702.0615	PRECAST CATCH BASIN 6' DIAMETER STANDARD 4.4.0	4.00	EACH
079	702.0635	PRECAST MANHOLE 5' DIAMETER STANDARD 4.2.1	3.00	EACH
080	702.0640	PRECAST MANHOLE 6' DIAMETER STANDARD 4.2.2	2.00	EACH
081	702.0705	CATCH BASIN W/GUTTER INLET STANDARD 3.4.1	3.00	EACH
082	702.0750	MANHOLES, CATCH BASINS & INLETS DEPTHS GREATER THAN 12' STANDARD 3.7.0	21.00	VLF
083	702.9901	PRECAST CATCH BASIN 4' DIAMETER STANDARD 4.4.0 (MODIFIED)	7.00	EACH
084	702.9902	PRECAST CATCH BASIN 5' DIAMETER STANDARD 4.4.0 (MODIFIED)	6.00	EACH
085	702.9903	PRECAST MANHOLE 6' SQUARE STANDARD 4.3.0 (M)	4.00	EACH
086	703.9901	48 INCH HDPE PIPE FOR UNDERGROUND DETENTION FACILITY	720.00	LF
087	706.9000	PLUG AND CAP PIPE ALL SIZES	9.00	EACH
088	707.0900	ADJUST MANHOLES TO GRADE	7.00	EACH
089	707.0950	ADJUST TELEPHONE MANHOLE TO GRADE	1.00	EACH
090	707.0955	ADJUST ELECTRICAL MANHOLE TO GRADE	3.00	EACH
091	707.1000	ADJUST SANITARY MANHOLE	9.00	EACH
092	707.1100	ADJUST CATCH BASINS	3.00	EACH
093	707.1800	ADJUST CATCH BASIN TO MANHOLE AND FURNISH FRAME AND COVER	2.00	EACH
094	708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	1,094.00	LF
095	708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	13.00	EACH
096	708.9042	CLEANING MANHOLES ALL TYPES AND SIZES	5.00	EACH
097	709.0100	CONCRETE CONNECTING COLLAR STANDARD 1.3.0	1.50	CY
098	709.0200	CONCRETE HEADWALLS FOR PIPE CULVERTS STANDARD 2.1.0	5.00	CY
099	712.0100	WATER GATE BOX	11.00	EACH
100	713.8269	ADJUST WATER GATE BOXES TO GRADE	16.00	EACH
101	713.8300	ADJUST GAS GATE BOXES TO GRADE	31.00	EACH
102	804.2000	MOBILIZATION & DEMOBILIZATION OF PILE DRIVING EQUIPMENT	1.00	LS
103	805.2000	TEMPORARY SHEET PILING STEEL FURNISH AND DRIVE	2,102.00	SF
104	808.1810	CONCRETE SURFACE FINISHING RUBBED REGULAR	920.00	SF
105	810.0300	EPOXY COATED BARS GRADE 60	7,140.00	LBS
106	901.0101	GUARDRAIL STEEL BEAM SINGLE FACE EARTH AND ASPHALT	1,691.00	LF
107	901.0151	TERMINAL END SECTION SINGLE FACE STANDARD 34.3.2	3.00	EACH
108	901.0152	TAPERED ANCHOR SECTION SINGLE FACE EARTH AND ASPHALT	3.00	EACH
109	901.0160	REFLECTORIZED TRIANGULAR DELINEATORS STANDARD 34.2.5	50.00	EACH
110	903.0206	CHAIN LINK FENCE 6' STD 31.2.0	877.00	LF
111	903.0227	GATE, CHAIN LINK 6' STANDARD 31.2.0	2.00	EACH
112	903.9901	REMOVE AND RELOCATE WROUGHT IRON FENCE	186.00	LF
113	903.9902	REMOVE AND RELOCATE FENCE LIGHTS	6.00	EACH

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Seq No.	Item Code	Description	Quantity	UM
114	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	289.50	CY
115	905.0122	BITUMINOUS SIDEWALK TYPE I-2 STANDARD 43.2.0	11.00	TON
116	906.0110	GRANITE CURB, QUARRY SPLIT STRAIGHT, STANDARD 7.3.0	220.00	LF
117	906.0111	GRANITE CURB, QUARRY SPLIT CIRCULAR, STANDARD 7.3.0	334.00	LF
118	906.0116	GRANITE CURB, QUARRY SPLIT 2 FOOT CORNERS, STANDARD 7.3.4	52.00	EACH
119	906.0120	GRANITE WHEELCHAIR RAMP CURB STANDARDS 7.3.3, 43.3.0 AND 43.3.1	9.00	EACH
120	906.0210	CEMENT CONCRETE CURB PRECAST STRAIGHT STANDARD 7.1.0	246.00	LF
121	906.0211	CEMENT CONCRETE CURB PRECAST CIRCULAR STANDARD 7.1.0	44.00	LF
122	906.0230	CEMENT CONCRETE SLOPE FACE CURB PRECAST STRAIGHT STANDARD 7.2.0	381.00	LF
123	906.0231	CEMENT CONCRETE SLOPE FACE CURB PRECAST CIRCULAR STANDARD 7.2.0	114.00	LF
124	906.0245	PRECAST CAR STOPS, STD. 7.2.4	11.00	EACH
125	906.0250	PRECAST CONCRETE WHEELCHAIR RAMP CURB STANDARDS 7.1.3, 43.3.0 AND 43.3.1	9.00	EACH
126	906.0270	PRECAST CONCRETE TRANSITION CURB STANDARD 7.2.2	7.00	EACH
127	906.0700	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	2,628.00	LF
128	907.0100	WATER FOR DUST CONTROL	302.00	MGAL
129	907.0200	CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE)	27.00	TON
130	914.5010	FLAGPERSONS	1,424.00	MHRS
131	914.5020	FLAGPERSONS - OVERTIME	356.00	MHRS
132	915.0100	HIGHWAY BOUND GRANITE STANDARD 14.2.0	8.00	EACH
133	919.0101	TEST PITS	40.00	EACH
134	920.0055	PLACED STONE RIPRAP R-3, R-4, R-5 STANDARD 8.3.0	732.00	SY
135	920.0135	BEDDING FOR RIPRAP FS-2 STANDARD 8.3.0	732.00	SY
136	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	272.00	SF
137	923.0105	DRUM BARRICADE STANDARD 26.2.0	56,266.00	BDAY
138	924.0113	ADVANCE WARNING ARROW PANEL	264.00	PDAY
139	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	748.00	PDAY
140	928.0800	TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW BOARD	264.00	PDAY
141	929.0100	FIELD OFFICES 240 SQUARE FOOT MINIMUM	22.00	PMO
142	929.0300	CHAMP MANAGEMENT SYSTEM	10,000.00	EACH
143	931.0110	CLEANING AND SWEEPING PAVEMENT	1,050.00	HSY
144	932.0100	CUTTING AND MATCHING ASPHALT	366.00	LF
145	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	4,821.00	LF
146	932.0220	FULL DEPTH SAWCUT OF BITUMINOUS SIDEWALK/DRIVEWAY	578.00	LF

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147	932.0230	FULL DEPTH SAWCUT OF PORTLAND CEMENT CONCRETE SIDEWALK/DRIVEWAY	800.00	LF
148	935.0500	REMOVING BITUMINOUS SURFACE - COLD PLANING	16,582.00	SY
149	936.0110	MOBILIZATION	1.00	LS
150	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
151	943.0100	TRAINEE MAN-HOURS	880.00	MNHR
152	L01.0102	LOAM BORROW 4 INCHES DEEP	5,821.00	SY
153	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	6,163.00	SY
154	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	6,163.00	SY
155	L02.0102	RESIDENTIAL SEEDING (TYPE 2)	5,821.00	SY
156	L05.0502	ADHESIVE MULCH STABILIZER	1.00	ACRE
157	L10.0101	MECHANICAL TREE AND SHRUB ROOT PRUNING	80.00	LF
158	L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	5.00	EACH
159	L11.0103	SHRUB PLANT PROTECTION DEVICE STANDARD 51.2.0	70.00	LF
S160	T04.5001	6 AWG SINGLE CONDUCTOR CABLE 600V INSULATION	426.00	LF
S161	T04.5302	14 AWG 2 CONDUCTOR TWISTED SHIELDED CABLE	2,811.00	LF
S162	T04.5305	14 AWG 5 CONDUCTOR CABLE	3,796.00	LF
S163	T04.5307	14 AWG 7 CONDUCTOR CABLE	643.00	LF
S164	T05.0100	PRECAST TYPE A HANDHOLE STANDARD 18.2.0	19.00	EACH
S165	T06.1020	2 IN. RIGID STEEL CONDUIT - UNDERGROUND	27.00	LF
S166	T06.2020	2 IN. RIGID STEEL CONDUIT-OVERHEAD	20.00	LF
S167	T06.3020	2 IN. RIGID STEEL CONDUIT-UNDER EXISTING PAVEMENT	60.00	LF
168	T06.5120	2 INCH SCHEDULE 40 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	88.00	LF
169	T06.5130	3 INCH SCHEDULE 40 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	651.00	LF
170	T06.5140	4 INCH SCHEDULE 40 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	5.00	LF
171	T06.5220	2 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	69.00	LF
172	T06.5230	3 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	134.00	LF
173	T06.5420	2 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDER EXISTING PAVEMENT	49.00	LF
174	T06.5430	3 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDER EXISTING PAVEMENT	330.00	LF
S175	T06.6020	2 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-OVERHEAD	30.00	LF
S176	T07.1250	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM LUMINAIRE	3.00	EACH
S177	T08.0100	LIGHT STANDARD FOUNDATION WITH ANCHOR BOLTS STANDARD 18.1.0	3.00	EACH
S178	T08.2031	ALUMINUM LIGHTING STD. 30 FT. W/ SINGLE DAVIT ARM EXTN. 10 FT. STANDARD 18.3.0	3.00	EACH
S179	T11.1025	25 FOOT GAL STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	3.00	EACH
S180	T11.1253	DUAL MAST ARM (25X25) GAL STEEL TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	1.00	EACH

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S181	T11.1358	DUAL MAST ARM (35X40) GAL STEEL TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	1.00	EACH
S182	T11.1359	DUAL MAST ARM (35X45) GAL STEEL TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	1.00	EACH
183	T11.2008	TRAFFIC SIGNAL STANDARD,8 FOOT,STD 19.4.0 ALUMINUM PEDESTAL POLE AND FOUNDATION	3.00	EACH
S184	T12.0018	ACTUATED CONTROLLER TS-2, TYPE 1 W/8 PHASE ASSEMBLY GROUND MOUNTED INCLUDING FOUN	2.00	EACH
S185	T12.9150	METER SOCKET W/MANUAL BY-PASS	2.00	EACH
S186	T13.1000	TRAFFIC DETECTORS-LOOP, STANDARD 19.6.0	5,842.00	LF
S187	T13.1004	TRAFFIC DETECTOR RELAY-LOOP 4 CHANNEL	6.00	EACH
188	T13.8200	PEDESTRIAN DETECTOR-PUSHBUTTON W/SIGN	8.00	EACH
S189	T14.3513	1 WAY 3 SECTION MAST ARM MOUNTED SIGNAL HEAD 12 INCH	17.00	EACH
S190	T14.3516	1 WAY 4 SECTION MAST ARM MOUNTED SIGNAL HEAD 12 INCH (W/DUAL IND, DUAL ROW L.E.D.	4.00	EACH
S191	T14.3613	1 WAY 3 SECTION BRACKET MOUNTED SIGNAL HEAD 12 INCH	1.00	EACH
192	T14.3911	1 WAY PEDESTAL MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD 12 INCH	2.00	EACH
193	T14.3912	2 WAY PEDESTAL MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD 12 INCH	1.00	EACH
194	T14.3913	1 WAY BRACKET MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD 12 INCH	4.00	EACH
S195	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	135.01	SF
S196	T15.1000	STREET SIGN ASSEMBLY STD. 24.6.1	1.00	EACH
S197	T15.1100	STREET SIGN - OVERHEAD MOUNTED	4.00	EACH
S198	T16.0300	GROUND MOUNTED PRIMARY DIRECTIONAL SIGN POST-STEEL BREAKAWAY	1.00	EACH
199	T20.0004	4 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	12,437.00	LF
200	T20.0104	4 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	10,678.00	LF
201	T20.0820	FAST DRYING WATERBORNE PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDAR	6.00	EACH
S202	T20.2004	4 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	10,018.00	LF
S203	T20.2008	8 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	297.00	LF
S204	T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	1,129.00	LF
S205	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	8,902.00	LF
S206	T20.2018	8 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	562.00	LF
S207	T20.2020	EPOXY RESIN PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	9.00	EACH
208	T20.9901	WET-RETRO-REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE (WHITE,YELLOW, AND BLACKOUT)	14,835.00	LF