

# SOLICITATION INFORMATION

December 28, 2004

**BID NUMBER #B04650**

**TITLE: RI CONTRACT #2004 - CB - 060  
COMPREHENSIVE BRIDGE REHABILITATION  
PROGRAM – ROBIN HOLLOW RD.**

**OPENING DATE AND TIME: 1/19/05 – 11:30 A.M.**

PRE-BID/ PROPOSAL CONFERENCE: YES                      DATE: 1/6/05 TIME: 10:00 A.M.  
LOCATION: TMC, TWO CAPITOL HILL, RM. 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 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.

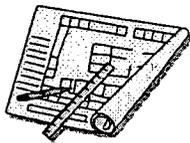
NO BID OFFER WILL BE ACCEPTED WITHOUT PROPER BIDDER REGISTRATION AND DIGITAL ID'S.

**RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION**

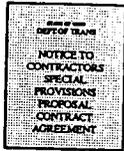
**RIDOT Provides:**



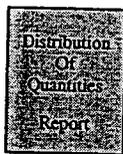
CD



Plans (on CD)

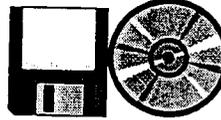


Contract Documents  
(on CD)

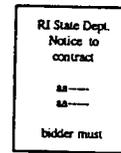


DOQ Report  
(on CD)

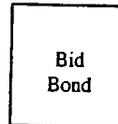
**Bidder Must Submit:**



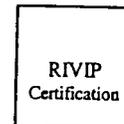
Readable 3 1/2"  
High Density  
Disk or CD



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 Biding 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 August 16, 2004, 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 040405 (2.8.1)**. 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 040405 (2.8.1) 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 030520 (2.8.0) 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: 2004-CB-060

Rhode Island Federal-Aid\State-Aid Project Numbers: BRO-0588(001), IM-0953(102)

Project: Comprehensive Bridge Rehabilitation Program - Group 2 - Robin Hollow Rd - Bridge No. 588

Limits: Interstate Route 95 Northbound and Southbound structures, 7 foot widening on the median side of each structure and 500 feet at each approach.

City/Town: WEST GREENWICH

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 **January 19, 2005 at 11:30am**. 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: DESCRIPTION: Rhode Island Contract No. 2004-CB-060 Federal Aid- Project Nos. BRO-0588(001) and IM-0953(102) is for the Comprehensive Bridge Rehabilitation Program -Group 2 project, at the Robin Hollow Road Bridge No. 588, in the Town of West Greenwich, Rhode Island, Kent County. The work encompassed in this Contract shall include, but not be limited to, rehabilitating the existing bridges that carry the Route I-95 northbound and southbound lanes. The existing bridge decks, parapets, prestressed beams, wingwalls and end posts on the high speed side of the structures will be removed and disposed. The existing abutments will be widened and new wingwalls and all new end posts constructed. New prestressed concrete beams, concrete decks and parapets will be constructed.**

**In addition there will be rehabilitation of the existing structure to remain. The rehabilitation will include, but not be limited to, repairs to abutments, removing and replacing bearings, and new joints. Other roadway and bridge items shall include: installing additional slope pavement at abutments to accommodate the widened structure; installing guardrail and paved waterways; cutting and matching pavement; installing plantable soil and seed; installing striping and 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 10 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 **December 29, 2004** 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 Construction Plans, 2004 Standard Specifications for Road and Bridge Construction, 2004 Compilation of Approved Specifications, Required Contract Provisions for Federal-Aid Construction Contracts, Rhode Island Standard Details, Bridge Standard Details, General Provisions, General Provisions-Contract Specific, Specifications-Job Specific, Distribution of Quantities, Federal Wage Rates, Quest Lite User Manual, Quest Lite Installation Software, and Quest Lite Bid File. 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.**

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

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

Required Contract Provisions - The attention of prospective bidders is called to the fact that this project is to be bid upon and the contract executed under the rules and regulations for carrying out the provisions of the Federal-Aid Highway Act, subject to all appropriate Federal Laws, including Title VI of the Civil Rights Act of 1964, as amended and supplemented, and the required provisions for Federal - Aid Contracts, as provided for in Chapters 85, 86 and 88 of the Public Laws of Rhode Island, 1960.

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

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

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

Pre-Bid Conference - A Pre-Bid Conference will be held in Providence, Rhode Island, at the Department of Transportation, Two Capitol Hill in the Transportation Management Center (TMC) on **January 6, 2005** at **10:00am** 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 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: 12/1/2004

Project Name - Comprehensive Bridge Rehabilitation Program - Group 2 -  
 Robin Hollow Rd - Bridge No. 588  
 R.I. Contract No. - 2004-CB-060  
 FAP Nos: BRO-0588(001), IM-0953(102)

Seq No.	Item Code	Description	Quantity	UM
001	201.0321	CLEARING AND GRUBBING	180.00	SY
002	201.0401	REMOVE AND DISPOSE GRANITE CURB	465.00	LF
003	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	1,025.00	SY
004	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	1,210.00	LF
005	201.9901	REMOVE & DISPOSE PAVED WATERWAY	110.00	SY
006	202.0100	EARTH EXCAVATION	480.00	CY
007	202.0700	COMMON BORROW	470.00	CY
008	202.9901	MILLINGS BENEATH GAURDRAIL	15.00	CY
009	203.0100	STRUCTURAL EXCAVATION EARTH	1,100.00	CY
010	203.0700	PERVIOUS FILL	1,300.00	CY
011	204.0100	TRIMMING AND FINE GRADING	4,250.00	SY
012	302.0100	GRAVEL BORROW SUBBASE COURSE	1,160.00	CY
013	401.0100	BITUMINOUS BASE COURSE	855.00	TON
014	401.0101	BITUMINOUS BINDER COURSE	335.00	TON
015	401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	335.00	TON
016	402.0870	DENSE FRICTION COURSE	224.00	TON
017	403.0300	ASPHALT EMULSION TACK COAT	9,255.00	SY
018	711.0110	3" PAVED WATERWAY CLASS I-1 STANDARD 8.4.0	167.50	SY
019	803.0400	CLEANING BRIDGE BEAM SEATS	4.00	EACH
020	803.9901	CLEANING BRIDGE BEAM SEATS AND DRAINS	4.00	EACH
021	803.9902	REMOVE AND DISPOSE EXISTING SUPERSTRUCTURE	1.00	LS
022	803.9903	REMOVE AND DISPOSE EXISTING SUBSTRUCTURE	1.00	LS
023	803.9904	FURNISH, FABRICATE, ERECT & REMOVE PROTECTIVE SHIELDING	6,900.00	SF
024	803.9905	FURNISH, FABRICATE, ERECT, AND REMOVE TEMPORARY DECK SHORING	1,050.00	SF
025	803.9907	FURNISH, FABRICATE, ERECT & REMOVE PROTECTIVE SHIELDING	5,500.00	SF
026	804.2000	MOBILIZATION & DEMOBILIZATION OF PILE DRIVING EQUIPMENT	1.00	LS
027	805.4100	SOLDIER PILES DRIVE, STEEL	21.00	EA
028	805.4400	TIMBER LAGGING - INSTALLED	1,000.00	SF
029	805.4600	GROUND ANCHORS INSTALLED	6.00	EA
030	805.4700	WALERS AND BRACING	42.00	LF
031	808.0322	CONCRETE SUBSTRUCTURE CLASS HP 3/4" END POSTS	16.00	CY
032	808.0502	CONCRETE SUBSTRUCTURE CLASS XX 3/4" ABUT FOOTING	25.00	CY
033	808.0504	CONCRETE SUBSTRUCTURE CLASS XX 3/4" WALL FOOTING	120.00	CY
034	808.0505	CONCRETE SUBSTRUCTURE CLASS HP 3/4" WALL STEMS	78.00	CY
035	808.0506	CONCRETE SUBSTRUCTURE CLASS HP 3/4" ABUT STEMS	51.00	CY
036	808.0508	CONCRETE SUBSTRUCTURE CLASS XX 3/4" APPROACH SLABS	120.00	CY
037	808.0602	CONCRETE SUBSTRUCTURE CLASS HP 3/4" BACKWALLS	45.00	CY

## Items List

Date: 12/1/2004

Project Name - Comprehensive Bridge Rehabilitation Program - Group 2 -  
 Robin Hollow Rd - Bridge No. 588  
 R.I. Contract No. - 2004-CB-060  
 FAP Nos: BRO-0588(001), IM-0953(102)

Seq No.	Item Code	Description	Quantity	UM
038	808.1501	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" BRIDGE DECKS	188.00	CY
039	808.1503	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" PARAPETS	28.00	CY
040	808.1642	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1"	400.00	SF
041	808.1650	MASTIC JOINT SEALER (1" X 1")	390.00	LF
042	808.1810	CONCRETE SURFACE FINISHING RUBBED REGULAR	4,700.00	SF
043	808.9901	REMOVE & REPLACE POLYURETHANE JOINT SEALANT	1,600.00	CI
044	808.9902	CONCRETE SUBSTRUCTURE HP 3/4" CONCRETE - ENDPOST FOUNDATION	18.00	CY
045	808.9903	CONCRETE SUPERSTRUCTURE HP 3/4" CONCRETE - DIAPHRAGMS	16.00	CY
046	808.9910	CONCRETE SUBSTRUCTURE HP 3/4" CONCRETE - ENDPOST FOUNDATION	18.00	CY
047	808.9915	CONCRETE SUPERSTRUCTURE HES CONCRETE - DIAPHRAGMS	16.00	CY
048	809.0841	PRESTRESSED CONCRETE BEAM TYPE 4 FURNISH FABRICATE & ERECT CLASS HP 3/4"	938.00	LF
049	810.0200	STANDARD BARS GRADE 60	11,000.00	LBS
050	810.0300	EPOXY COATED BARS GRADE 60	63,000.00	LBS
051	811.1401	THERMOPLASTIC PIPE 3 INCH COMMERCIAL GRADE PLASTIC	56.00	LF
052	811.2000	WALL DRAINS 4 INCH DIAMETER W/FILTER STONE	24.00	LF
053	817.2110	REPAIRS TO STRUCTURAL CONCRETE MASONRY (PATCHING MORTAR)	25.00	CF
054	817.9901	REPAIRS TO STRUCTURAL CONCRETE MASONRY (ABUTMENT REFACING)	800.00	CF
055	819.0800	DRILL AND GROUT REINFORCING DOWELS	48.00	EACH
056	819.9901	DRILL AND GROUT ANCHOR RODS	24.00	EACH
057	820.0110	CONCRETE SURFACE TREATMENT (PROTECTIVE COATING)	2,200.00	SF
058	823.1760	STRIP SEAL EXPANSION JOINT ASSEMBLIES	103.00	LF
059	823.9901	FIXED JOINT ASSEMBLIES	103.00	LF
060	828.0303	ELASTOMERIC BEARINGS LAMINATED	4.00	EACH
061	828.9901	REMOVE & REPLACE ELASTOMERIC BEARINGS LAMINATED	24.00	EACH
062	830.0111	ALUMINUM BRIDGE RAIL 1 BAR STRUCTURAL	280.00	LF
063	833.0400	GRANITE IDENTIFICATION TABLETS	4.00	EACH
064	834.0212	SLOPE FACE GRANITE CURB STRAIGHT 10" X 15"	280.00	LF
065	834.0222	SLOPE FACE GRANITE CURB STRAIGHT TRANSITION	128.00	LF
066	901.0101	GUARDRAIL STEEL BEAM SINGLE FACE EARTH AND ASPHALT	1,967.00	LF
067	901.0196	GUARDRAIL CONNECTION TO EXISTING ENDPOST TRAILING END SECTION, STANDARD 34.3.6	3.00	EACH
068	901.0197	GUARDRAIL CONNECTION TO EXISTING ENDPOST APPROACH END SECTION, STANDARD 34.3.5	3.00	EACH
069	901.9901	SLOTTED RAIL TERMINAL COMPLETE IN PLACE	8.00	EACH
070	906.0602	BITUMINOUS BERM STANDARD 7.5.1	4,400.00	LF

## Items List

Date: 12/1/2004

Project Name - Comprehensive Bridge Rehabilitation Program - Group 2 -  
 Robin Hollow Rd - Bridge No. 588  
 R.I. Contract No. - 2004-CB-060  
 FAP Nos: BRO-0588(001), IM-0953(102)

Seq No.	Item Code	Description	Quantity	UM
071	907.0100	WATER FOR DUST CONTROL	4.00	MGAL
072	907.0200	CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE)	1.00	TON
073	914.5010	FLAGPERSONS	2,112.00	MHRS
074	914.5020	FLAGPERSONS - OVERTIME	211.00	MHRS
075	916.0600	SHOCK ABSORBING BARRIER MODULES	6.00	GRP
076	919.0101	TEST PITS	5.00	EACH
077	921.0100	SLOPE PAVING 16X8X4"	38.00	SY
078	921.9901	REMOVE & REPLACE SLOPE PAVING	18.00	SY
079	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	428.00	SF
080	923.0105	DRUM BARRICADE STANDARD 26.2.0	43,000.00	BDAY
081	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	50.00	EACH
082	924.0113	ADVANCE WARNING ARROW PANEL	120.00	PDAY
083	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	480.00	PDAY
084	926.0130	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	3,100.00	LF
085	926.9901	3M SCOTCHLITE LINEAR DELINEATION SYSTEM PANELS	680.00	LF
086	929.0100	FIELD OFFICES 240 SQUARE FOOT MINIMUM	8.00	PMO
087	929.0300	CHAMP MANAGEMENT SYSTEM	10,000.00	EACH
088	932.0100	CUTTING AND MATCHING ASPHALT	4,560.00	LF
089	934.1000	SURVEY PARTY	150.00	PDAY
090	936.0110	MOBILIZATION	1.00	LS
091	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
092	943.0100	TRAINEE MAN-HOURS	3,000.00	MNHR
093	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	13,705.00	SY
094	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	13,705.00	SY
095	L05.0506	JUTE MESH	13,705.00	SY
096	L11.0103	SHRUB PLANT PROTECTION DEVICE STANDARD 51.2.0	400.00	LF
097	T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	4,950.00	LF
098	T20.2016	6 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	5,580.00	LF
099	T20.9901	WET RETROREFLECTIVE TEMPORARY PAVEMENT MARKINGS REMOVABLE TAPE 6" WHITE	29,740.00	LF
100	T20.9902	WET RETROREFLECTIVE TEMPORARY PAVEMENT MARKINGS REMOVABLE TAPE 6" YELLOW	13,975.00	LF
101	T20.9903	REMOVE TEMPORARY PAVEMENT MARKINGS	22,610.00	LF