

# SOLICITATION INFORMATION

April 12, 2005

**BID NUMBER #B05024**

**TITLE: RI CONTRACT #2005-CM-006  
STATEWIDE IMPACT ATTENUATOR REPAIRS**

**OPENING DATE AND TIME: 5/4/05 – 11:30 AM**

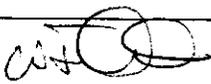
PRE-BID/ PROPOSAL CONFERENCE: YES      DATE: 4/21/05      TIME: 9:00 AM

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, CPM   
ADMINISTRATOR OF PURCHASING SYSTEMS

Vendors must register on-line at the State Purchasing Website at [www.purchasing.ri.gov](http://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.

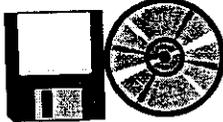
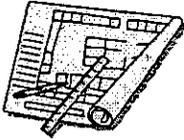
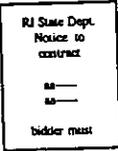
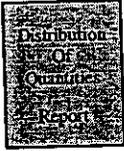
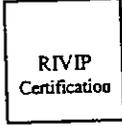
When the result of an Internet solicitation of registered vendors is unsuccessful (no offers, one offer which exceeds the estimated cost) the State of Rhode Island will cancel the original solicitation and resolicit the original offer directly from vendors. The Purchasing Agent reserves the right to 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	
<b>RIDOT Provides:</b>	<b>Bidder Must Submit:</b>
 CD	 Readable 3 1/2" High Density Disk <u>or</u> CD
 Plans (on CD)	 Completed & Signed Proposal
 Contract Documents (on CD)	 Completed Bond
 DOQ Report (on CD)	 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 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: 2005-CM-006**

**Rhode Island Federal-Aid\State-Aid Project Numbers: STP-999(069)**

**Project: Statewide Impact Attenuator Repairs**

**Limits: Statewide**

**City/Town: STATEWIDE**

**County: STATEWIDE**

**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 **May 4, 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: RI Contract No. 2005-CM-006, RI Federal Aid Project No. STP-999(069), is for Statewide Impact Attenuator Repairs. The project includes, but is not limited to, the statewide replacement, repair, inspection, cleaning, repositioning, and refurbishing of impact attenuators on the roadways identified in the "Locations" paragraph in the General Provisions - Contract Specific of the Contract Documents. The Contractor will also be required to provide traffic control plans and traffic control devices as required for all work.**

**The Contractor will not be required to meet a Disadvantaged business Enterprise (DBE) goal for this project.**

Computer Disks for competitive bidding for the above described work will be furnished by the Department of Transportation, Division of Administrative Services, Contracts & Specifications Office, Room 108, Two Capitol Hill, Providence, Rhode Island, 02903, Tel.Number (401)-222-2495. The Plans, Specifications and Special Provisions may also be examined on or after **April 13, 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](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, in the **Transportation Management Center (TMC) Room 126** on **April 21, 2005 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 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: 3/15/2005

Project Name - Statewide Impact Attenuator Repairs  
 R.I. Contract No. - 2005-CM-006  
 FAP Nos: STP-999(069)

Seq No.	Item Code	Description	Quantity	UM
001	916.9901	REPLACE FRONT RESTRAINING CABLE ANCHOR (G.R.E.A.T SYSTEM)	2.00	EACH
002	916.9902	REPLACE HEX-FOAM CARTRIDGE TYPE #51 (G.R.E.A.T SYSTEM)	80.00	EACH
003	916.9903	REPLACE TRANSITION PANEL (G.R.E.A.T SYSTEM)	6.00	EACH
004	916.9904	REPLACE EXTENSION PANEL (G.R.E.A.T SYSTEM)	3.00	EACH
005	916.9905	REPLACE CONCRETE ANCHOR BOLTS (G.R.E.A.T SYSTEM)	10.00	EACH
006	916.9908	REPLACE REFLECTIVE NOSE COVER ASSEMBLY (G-R-E-A-T)	14.00	EACH
007	916.9909	REPLACE SUPPORT LEG (G-R-E-A-T)	10.00	EACH
008	916.9910	REPLACE MUSHROOM BOLT ASSEMBLY/DETECTOR (G-R-E-A-T)	7.00	EACH
009	916.9911	REPLACE DIAPHRAGM ASSEMBLY (G-R-E-A-T)	8.00	EACH
010	916.9912	REPLACE THIN-BEAM FENDER PANEL (G-R-E-A-T)	8.00	EACH
011	916.9913	REPLACE RESTRAINING CABLE (G-R-E-A-T)	3.00	EACH
012	916.9914	REPLACE 1/2" DIA. PROOF COIL CHAIN (9 LINKS) (G-R-E-A-T)	10.00	EACH
013	916.9915	REPLACE REAR RESTRAINING CABLE ANCHOR (G-R-E-A-T)	2.00	EACH
014	916.9916	CHAINRAIL SECTION 9' LENGTH (G.R.E.A.T SYSTEM)	2.00	EACH
015	916.9917	DIAPHRAGM PANEL COMPLETE WITH HINGES AND BRACKETS BAY 1-6 (HYRO-CELL)	5.00	EACH
016	916.9918	SAFETY-FLEX BELT (HYRO-CELL)	5.00	EACH
017	916.9919	RESTRAINING CABLE (HYRO-CELL)	4.00	EACH
018	916.9920	PULL-OUT CABLE (HYRO-CELL)	10.00	EACH
019	916.9921	SECONDARY CABLE (HYRO-CELL)	20.00	EACH
020	916.9922	FRONT ANCHOR PLATE (HYRO-CELL)	8.00	EACH
021	916.9923	BACK-UP PLATE (HYDRO-CELL)	3.00	EACH
022	916.9924	BACK-UP PLATE WITH BRACES (HYDRO-CELL)	3.00	EACH
023	916.9925	REPLACE END SHOE (HYDRO-CELL)	2.00	EACH
024	916.9926	REPLACE SAFETY-FLEX BELT (HYDRO-CELL)	5.00	EACH
025	916.9927	REPLACE SUPPORT LEG (HYDRO-CELL)	10.00	EACH
026	916.9928	REPLACE VINYL CELL (HYDRO-CELL)	18.00	EACH
027	916.9929	REPLACE CELL CARTRIDGE (HYDRO-CELL CLUSTER)	108.00	EACH
028	916.9930	CAP INSERT (HYDRO-CELL CLUSTER)	28.00	EACH
029	916.9931	COMPLETE REPLACEMENT HYDRO-CELL CLUSTER 6' UNIT	2.00	EACH
030	916.9932	REPLACE COVER ALL TYPES (HEX-FOAM / HYDRO-CELL)	15.00	EACH
031	916.9933	REPLACE DEBRIS SKIRT (HEX-FOAM / HYDRO-CELL)	27.00	EACH
032	916.9934	REPLACE TURNBUCKLE 3/8" DIA. X 6 ALL TYPES (HEX-FOAM / HYDRO-CELL)	75.00	EACH
033	916.9935	FENDER PANEL (HEX-FOAM / HYDRO-CELL)	20.00	EACH
034	916.9936	REPLACE CARTRIDGE SUPPORT BRACKET ASSEMBLY (HEX-FOAM)	10.00	EACH
035	916.9937	SAFETY-FLEX NOSE BELT (HEX-FOAM)	6.00	EACH
036	916.9938	REPLACE SAFETY-FLEX NOSE SUPPORT LEGS (HEX-FOAM)	20.00	EACH

## Items List

Date: 3/15/2005

Project Name - Statewide Impact Attenuator Repairs  
 R.I. Contract No. - 2005-CM-006  
 FAP Nos: STP-999(069)

Seq No.	Item Code	Description	Quantity	UM
037	916.9939	REPLACE DIAPHRAGM ASSEMBLY BAY 1-7 (HEX-FOAM)	10.00	EACH
038	916.9940	REPLACE DIAPHRAGM ASSEMBLY BAY 8-12 (HEX-FOAM)	6.00	EACH
039	916.9941	REPLACE 5" CARTRIDGE SUPPORT BRACKET (IIEX-FOAM)	6.00	EACH
040	916.9942	REPLACE 10" CARTRIDGE SUPPORT BRACKET (HEX-FOAM)	6.00	EACH
041	916.9943	RESTRAINING CABLE (HEX-FOAM)	5.00	EACH
042	916.9944	SECONDARY CABLE (HEX-FOAM)	6.00	EACH
043	916.9945	PULL-OUT CABLE (HEX-FOAM)	8.00	EACH
044	916.9946	HEX-FOAM CARTRIDGE TYPE 80	100.00	EACH
045	916.9947	HEX-FOAM CARTRIDGE TYPE 81	20.00	EACH
046	916.9948	HEX-FOAM CARTRIDGE TYPE 82	50.00	EACH
047	916.9949	VINYL CELL (IIEX-FOAM)	6.00	EACH
048	916.9950	QUADGUARD 6 BAY 90" "E" C.I.P.	2.00	EACH
049	916.9951	QUADGUARD 6 BAY 69" "D" C.I.P.	2.00	EACH
050	916.9952	SUPPORT LEGS (QUAD-GUARD FLEX-NOSE BELT)	10.00	EACH
051	916.9953	CARTRIDGE ASSEMBLY TYPE 1 QUADGUARD	100.00	EACH
052	916.9954	CARTRIDGE ASSEMBLY TYPE 2 QUADGUARD	60.00	EACH
053	916.9955	QUADGUARD 6BAYS "D" SYSTEM PERFORMANCE 36" 1753M.M. YELLOW NOSE COVER	2.00	EACH
054	916.9956	FENDER PANEL ASSEMBLY QUADGUARD	10.00	EACH
055	916.9957	QUADGUARD 4 BAYS "D" SYSTEM 36" WIDE W/TENSION WIRE STRUT YELLOW NOSE COVER	4.00	EACH
056	916.9958	QUADGUARD 8 BAY 36" "D" SYSTEM	2.00	EACH
057	916.9959	QUAD-GUARD SAFETY FLEX NOSE BELT (NARROW 24"-30")	8.00	EACH
058	916.9960	QUAD-GUARD SAFETY FLEX NOSE BELT (MEDIUM 36")	2.00	EACH
059	916.9961	QUAD-GUARD SAFETY FLEX NOSE BELT (WIDE 69"-90")	2.00	EACH
060	916.9962	QUAD-GUARD DIAPHRAGM ASSEMBLY (36" WIDE)	10.00	EACH
061	916.9963	QUAD-GUARD DIAPHRAGM ASSEMBLY (24" WIDE)	4.00	EACH
062	916.9964	QUAD-GUARD DIAPHRAGM ASSEMBLY (30" WIDE)	2.00	EACH
063	916.9965	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (44")	2.00	EACH
064	916.9966	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (48")	2.00	EACH
065	916.9967	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (50")	2.00	EACH
066	916.9968	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (52")	1.00	EACH
067	916.9969	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (55")	1.00	EACH
068	916.9970	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (58")	1.00	EACH
069	916.9971	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (60")	1.00	EACH
070	916.9972	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (61")	1.00	EACH
071	916.9973	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (64")	1.00	EACH
072	916.9974	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (68")	1.00	EACH
073	916.9975	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (71")	1.00	EACH
074	916.9976	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (74")	1.00	EACH
075	916.9977	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (77")	1.00	EACH
076	916.9978	QUAD-GUARD DIAPHRAGM ASSEMBLY "WIDE" (80")	1.00	EACH

## Items List

Date: 3/15/2005

Project Name - Statewide Impact Attenuator Repairs  
 R.I. Contract No. - 2005-CM-006  
 FAP Nos: STP-999(069)

Seq No.	Item Code	Description	Quantity	UM
077	916.9979	QUAD-GUARD CARTRIDGE SUPPORT BRACKETS	20.00	EACH
078	916.9980	QUAD-GUARD FLEX BELT CLAMPS	10.00	EACH
079	916.9981	QUAD "ELITE" SYSTEM FLEX NOSE BELT (24", 30", 36")	2.00	EACH
080	916.9982	QUAD "ELITE" SYSTEM FLEX NOSE BELT (69", 90")	2.00	EACH
081	916.9983	QUAD "ELITE" SYSTEM HIT INDICATOR	2.00	EACH
082	916.9984	QUAD "ELITE" SYSTEM QE-1 CYLINDER	4.00	EACH
083	916.9985	QUAD "ELITE" SYSTEM QE-2 CYLINDER	2.00	EACH
084	916.9986	QUAD "ELITE" SYSTEM NOSE CYLINDER	2.00	EACH
085	916.9987	QUAD "ELITE" SYSTEM DIAPHRAGM ASSEMBLY (24")	2.00	EACH
086	916.9988	QUAD "ELITE" SYSTEM CYLINDER RETAINER CABLE	6.00	EACH
087	916.9989	QUAD "ELITE" SYSTEM BUMPER ASSEMBLY	6.00	EACH
088	917.9901	REPOSITION AND REFURBISH CRASH CUSHION (SAND BARREL)	300.00	EACH
089	917.9902	REPLACE CRASH CUSHION MODULE (SAND BARREL)	300.00	EACH
090	917.9903	INSPECT AND CLEAN HYDRO-CELL SANDWICH SYSTEM	15.00	EACH
091	917.9904	INSPECT AND CLEAN HEX-FOAM SANDWICH SYSTEM	100.00	EACH
092	917.9905	INSPECT AND CLEAN HYDRO-CELL CLUSTER	10.00	EACH
093	917.9906	INSPECT AND CLEAN QUADGUARD	30.00	EACH
094	917.9907	INSPECT AND CLEAN (G-R-E-A-T)	20.00	EACH
095	917.9908	REPOSITION AND REFURBISH HYDRO-CELL SANDWICH SYSTEM	10.00	EACH
096	917.9909	REPOSITION AND REFURBISH HYDROCELL CLUSTER UNIT	12.00	EACH
097	917.9910	REPOSITION AND REFURBISH QUADGUARD	40.00	EACH
098	917.9911	REPOSITION & REFURBISH HEX-FOAM SANDWICH SYSTEM	75.00	EACH
099	917.9912	REPOSITION & REFURBISH IMPACT ATTENUATOR (G-R-E-A-T)	14.00	EACH
100	917.9913	INSPECT AND CLEAN BARRELS	400.00	EACH
101	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	256.00	SF
102	922.9901	REFLECTORIZED ATTENUATOR PANELS	50.00	EACH
103	923.0125	PLASTIC PIPE TYPE III BARRICADE STANDARD 26.3.1	3.00	EACH
104	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	50.00	EACH
105	924.0113	ADVANCE WARNING ARROW PANEL	300.00	PDAY
106	928.0800	TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW BOARD	100.00	PDAY
107	929.0300	CHAMP MANAGEMENT SYSTEM	10,000.00	EACH
108	943.0100	TRAINEE MAN-HOURS	1,000.00	MNHR