



REQUEST FOR QUOTE (RFQ) – BID# 7550984

2016-CM-003 STATEWIDE IMPACT ATTENUATOR REPAIR AND REPLACEMENT 2017-2019

SUBMISSION DEADLINE: Wednesday, October 26, 2016 at 01:00 PM (ET)

PRE-BID CONFERENCE: [X] NO [] YES
Mandatory: [] NO [] YES: Any vendor who intends to submit a bid proposal in response to this solicitation must have its designated representative attend the mandatory pre-bid conference.
Buyer Name: Lisa Hill
Title: Chief Buyer

QUESTIONS Prospective bidders are hereby notified that all questions pertaining to this contract must be submitted to the Department of Transportation in writing through its website at http://www.dot.ri.gov/contracting/bids by accessing the questions & answers menu located within the 'contracting', then 'bidding opportunities' link. Response to the submitted questions will also be posted under this link, phone calls will not be accepted.

SURETY REQUIRED: YES

BOND REQUIRED: YES

DISK BASED BID: [] NO [X] YES: See attached Disk Based Bidding Information

NOTE TO VENDORS: Vendors must register on-line at the Rhode Island Division of Purchases website at www.purchasing.ri.gov. Offers received without the completed three-page Rhode Island Vendor Information Program (RIVIP) Generated Bidder Certification Cover Form attached may result in disqualification.

THIS IS NOT A BIDDER CERTIFICATION FORM



State of Rhode Island Department of Administration
Division of Purchases

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISED
November 20, 2013

NOTICE TO VENDORS

Each bid proposal for a *public works project* must include a "public copy" to be available for public inspection upon the opening of bids. **Bid proposals that do not include a copy for public inspection will be deemed nonresponsive.**

To comply with this requirement, *in addition to* the Quest Lite compatible electronic copy and one hard copy, bid proposals for *highway and bridge public works projects* must also include a duplicate original of the Quest Lite compatible electronic copy on a *read-only* CD-R media disc as the "public copy."

The public copy disc must be separately enclosed in a protective cover clearly marked "Public Copy" and include the following information (all available from the Bidder Certification Cover Form): (1) title of solicitation; (2) name of bidder and RIVIP vendor ID number; (3) bid number; and (4) date of bid.

The public copy may redact any trade secrets or commercial or financial information which is of a privileged or confidential nature pursuant to the "Access to Public Records Act," R. I. Gen. Laws §§ 38-2-1 *et seq.*

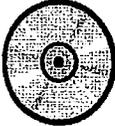
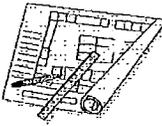
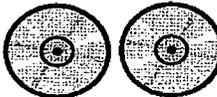
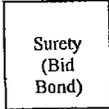
For further information on how to comply with this statutory requirement, see R.-I. Gen. Laws §§ 37-2-18(b) and (j). Also see Procurement Regulations 5.11, 5.13, and 12.102.05 accessible at www.purchasing.ri.gov.

*** THIS IS A DISK-BASED BID ***

**ELECTRONIC BIDDING
PROCEDURE NOTICE**

**ALL BID OFFERS MUST BE PREPARED USING THE QUEST LITE BID
PREPARATION SOFTWARE PACKAGE**

Bidders **MUST** register in person at the RIDOT Contract Administration office to obtain the necessary Bidder Registration and Digital ID codes for the Quest Lite software.

RIDOT Provides:		Bidder Must Submit:	
			
CD	Plans (on CD)	2 High-Density Compact Disks (CDs) w/Quest Lite Bid "zip" file**	Completed & Signed Proposal (Hard Copy)
			
Contract Documents (on CD)	DOQ Report (on CD)	Bid Surety (Bid Bond)	Completed & Signed (Hard Copy)

Contact the Contracts & Specifications Office at 222-2495 to request technical assistance on issues directly related to the Quest Lite software
Office Hours: 8:00 AM – 4:00 PM

****Refer to the RIDOA "Notice to Contractors" for additional information on the "Public Copy" submission requirements.**

NO BID OFFER WILL BE CONSIDERED

UNLESS ACCOMPANIED BY A COMPACT DISK (CD)

CONTAINING THE BID PROPOSAL FILE

GENERATED BY THE QUEST LITE BID PREPARATION SOFTWARE

Failure to comply will result in a mandatory disqualification per Section 12.102.07 of the RI Dept. of Administration Division of Purchases Procurement Regulations

Rhode Island Department of Transportation (RIDOT)

Notice to Contractors

THIS IS A DISK-BASED BID

Bid offers will be accepted *only on a CD generated by RIDOT-supplied software called Quest Lite; each 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 for all new bidders and others unfamiliar with these procedures. SEE BELOW.*

CONTACT: **RIDOT CONTRACTS & SPECIFICATIONS**
Rm. 108, Two Capitol Hill, Providence, RI 02903
Phone: **401-222-2495**
Hours: **Mon – Fri, 8:00AM – 4:00PM**

1. Required Registration Codes for Each Bidder.

Registration Codes for RIDOT software are necessary to install and use the software; a firm only needs to register once to acquire secure, unique bidder identification codes to be used with all RIDOT disk-based construction project bids Bidders must retain these codes for future use.

2. The required Quest Lite installation software and all applicable Contract Documents are provided on a CD-ROM.

The Contract Documents include the RI DOA Division of Purchases Procurement Regulations, RI Standard Specifications, Amended December 2010 and all revisions, the RI Standard Details for Highway and Bridge Construction, Bridge Standard Details, General Provisions, Special Provisions, Distribution of Quantities and Engineering Plans, and all other applicable documents

3. Minimum Computer Hardware and Operating System Requirements.

- Windows XP SP2 w/Pentium IV processor
- CD-ROM Drive, Floppy Drive, Printer & 15" Monitor (17" recommended)
- 20GB Hard Disk with 1GB free (40 GB with 5 GB free recommended)
- 512 MB RAM (1 GB recommended)
- 32 MB Video Card (64 MB SVGA recommended)
- Internet Explorer 6 0 SP 2

4. Addenda, when necessary, are available on Purchases' RIVIP website.

at: <http://www.purchasing.ri.gov/RIVIP/BidSearch.asp>

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.

5. Training may be requested up to three 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

6. Technical Support.

Assistance is available upon request by contacting the Contracts & Specifications office during work hours or emailing Quest@dot.ri.gov.

01/25/2011

NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Rhode Island Department of Transportation (RIDOT)
Contracts and Specifications

ELECTRONIC BIDDING PROCEDURES QUEST LITE UPGRADE

Effective January 1, 2011, 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 040408 (2.8.4)**. Failure to comply with this requirement could result in the disqualification of your bid offer.

Full installation and upgrade-only software packages, including installation directions, for Quest Lite Version **040408 (2.8.4)** 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 040407 (2.8.3) need only install the upgrade package to complete the conversion, **UNLESS** a previous upgrade installation was used to upgrade from 2.8.2 to 2.8.3, in which case these installations must be removed and the full installation performed. Earlier versions (2.8.2 or lower) will require the full installation in all instances.

For technical assistance, contact the Contracts and Specifications office at 222-2495.

01/21/11

QUEST LITE VERSION 4.4.8 (2.8.4)

UPGRADE & FULL INSTALLATION

All bid offers prepared using the Department of Transportation's Quest Lite software must use the Quest Lite Version 040408 (2.8.4). If there is no Quest Lite installation, then the full installation must be completed. For earlier versions of Quest Lite, either the upgrade or full installation will be required to be completed. Both versions (upgrade and full installation) are provided on this project CD.

Before proceeding with any installations, note the following:

1. All users must register with the Department of Transportation in order to use Quest Lite. At the time of registration, users are provided with a set of unique company ID codes (Site Code, Bidder Code and company Short Name). Users **MUST RETAIN** these codes for future use.
2. Many users who currently have Quest Lite installed will only require the installation of the upgrade version. To determine if the upgrade installation is sufficient, the present version of the Quest Lite installation must be determined. This is accomplished in Quest Lite by clicking on Help/About. If the present version is 040407 (2.8.3) then the upgrade installation is sufficient **unless** an upgrade version has been previously used to upgrade version 2.8.2 to 2.8.3.
3. For earlier installations (versions below 2.8.3, and if an upgrade has been previously installed to upgrade to version 2.8.3), the full installation of Quest Lite is required. (Note: if the full installation is required, the upgrade installation **does not** need to be performed after the full installation is completed.)
4. To determine if an upgrade version of Quest Lite version is present, it is generally easiest to use the "Add or Remove Programs" function from the Control Panel to view the Quest Lite installations. Should both an installation and an upgrade version be installed, both programs must be removed using the "Remove" function and the new version 2.8.4 installed.
5. It is recommended that users consult the Quest Lite User Manual provided on this CD prior to attempting the installation of the upgrade or full program installation.
6. After completing the installation of the upgrade or full installation, it is recommended that a test bid be submitted to the Department to ensure the program is functioning correctly and that the Quest Lite bid files can be correctly imported into the Department's Quest program. **Test bids may be submitted on a CD to the Contracts office in Room 109 of the RIDOT Headquarters, or by e-mail to Quest@dot.ri.gov.**

Installation Instructions – Upgrade Version

Upgrade Quest Lite only if the current installed version is 2.8.3, and a previous upgrade has not been installed.

1. Close Quest Lite before attempting the installation.
2. Using the project CD, double-click on the “Upgrade Only” option provided on the Start page.
3. When prompted for a password, enter “ridot”
4. Follow the instructions provided in the installation wizard to complete the installation.
5. When executing Quest Lite for the first time after installing the upgrade, users may be prompted to enter their company bidder codes.

Installation Instructions – Complete Installation

A complete Installation of the software is required only if Quest Lite is:

1. Not installed on the computer/laptop; or
2. The installed version of Quest Lite is older than 2.8.3, i.e. 2.8.2 or under; or
3. The 2.8.3 upgrade version of Quest Lite is installed.

If any of 1 through 3 above apply, follow these instructions:

1. If a Quest Lite version 2.8.2 or older, or a 2.8.3 upgrade are currently installed,
 - a. Close Quest Lite.
 - b. Remove all the existing installation(s) of Quest Lite. To accomplish this, follow the instructions provided on pages 19 – 25 of the Quest Lite User Manual provided with this project CD. Follow the installation removal directions for the operating system in use on the machine.
2. Using the project CD, double-click on the “Complete Installation” option provided on the Start page.
3. When prompted for a password, enter “ridot”.
4. Follow the instructions provided in the installation wizard to complete the installation.
5. When executing Quest Lite for the first time after completing the installation, the user will be prompted to enter the company bidder codes provided by the Department. Once this information is entered, the installation process will be complete.

For technical assistance, contact the Contracts & Specifications office at 222-2495.

**State of Rhode Island and Providence Plantations
Department of Transportation**

**Notice to Contractors
Special Provisions
Proposal
Contract Agreement
Contract Bond**

for the Performance of

Rhode Island Contract Number: 2016-CM-003

**Rhode Island Federal-Aid\State-Aid Project STP-ATTN(001)
Numbers:**

Project: Statewide Impact Attenuator Repair and Replacement 2017-2019

Limits: Statewide except no work in New Shoreham

City/Town:

County:

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, Amended December 2010, with all revisions.
- The Rhode Island Standard Details, 1998 Edition, with all revisions.
- The Rhode Island Bridge Standard Details, 2010 Edition, with all revisions.
- The Division of Purchases Procurement Regulations Adopted December 2010.

*** Refer to Section 12.102.05 PREPARATION OF PROPOSAL of the STATE OF RHODE ISLAND PROCUREMENT REGULATIONS 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 26, 2016 at 1:00PM. 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) 222-3766. Failure to comply will result in mandatory disqualification per Item 4 of Section 12.102.12 of the Division of Purchases Procurement Regulations Adopted December 2010 and RI General Law 37-2-17 which references the RI Vendor Information Program (RIVIP).

DESCRIPTION: This Contract involves crash location repairs to impact attenuators and includes impact attenuator component and system replacements and repositioning and refurbishing of impact attenuators as directed by the Engineer. This work includes crash cushions and sand barrels. Also included is traffic control on all roadways in conjunction with this work. Locations of work for this Contract include impact attenuator devices along all State roads and properties as directed by 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 Race-Conscious Goal, or Contract Goal, of not less than 5.00 percent of the contract bid price, to the Contractors, Subcontractors, and/or suppliers which qualify as Disadvantaged Business Enterprises (DBE's). Failure by the Contractor to demonstrate every good faith effort in fulfilling its DBE commitment during the construction period will result in the reduction in contract payments by the amount determined by multiplying the awarded contract value by the established DBE percentage, and subtracting the dollar value of the work actually performed by DBE contractors. This action will not preclude RIDOT from imposing sanctions or other remedies available as specified in paragraph (I)(C) of the Disadvantaged Business Enterprise Affirmative Action Certification for Contractors and Consultants.

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, 2016 every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

The Bid Package consists of a single compact disk (CD) containing the following items: Construction Plans, Standard Specifications for Road and Bridge Construction, Compilations of Approved Specifications, Required Contract Provisions for Federal-Aid Construction Contracts, RI Division of Purchases Procurement Regulations, General Provisions, Rhode Island Standard Details, Rhode Island Bridge Standard Details, Federal Wage Rates, Contract-Specific General Provisions, Job-Specific Specifications, Distribution of Quantities, Appendices (if applicable), Quest Lite bid file, Quest Lite installation software and a Quest Lite User Manual. Only complete bid packages will be issued.

Prospective Bidders are hereby notified that all questions pertaining to this Contract must be submitted to the Department of Transportation in writing through its website at <http://www.dot.ri.gov/contracting/bids/> by accessing the Questions & Answers Menu located within the "Contracting", then "Contract Opportunities" link. Responses to the submitted questions will also be posted under this link. PHONE CALLS WILL NOT BE ACCEPTED.

For help with RIDOT's Quest Lite bid preparation software, please contact the Contracts & Specifications Office, Room 108, Two Capitol Hill, Providence, Rhode Island, 02903, Tel. Number (401)-222-2495 or e-mail Quest@dot.ri.gov.

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 subject to all applicable federal laws and regulations for carrying out the provisions of the Federal-Aid Highway program..

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.

There will be no Pre-Bid Conference scheduled for this project.

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

The Rhode Island Department of Transportation, in accordance with Title VI of the Civil Rights Act of 1964, 42 U.S.C. §§ 2000d - 2000d-4 and 49 C.F.R. Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964, issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, Disadvantaged Business Enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, national origin, age, or disability in consideration for an award.

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 5:00 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.

Item List

Date: 9/22/2016

Estimate Name - PS&E Estimate
 Project Name - Statewide Impact Attenuator Repair and Replacement 2017-2019
 R.I. Contract No. - 2016-CM-003
 FAP Nos. - STP-ATTN(001)

Seq No.	Item Code	Description	Quantity	UM
001	201.9901	EMERGENCY RESPONSE - TRAFFIC CONTROL GENERAL CLEANUP	10,000.00	EACH
002	916.9901	REPLACE ENERGY ABSORBING CARTRIDGE/CYLINDER FOR IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES) INCLUDING ASSOCIATED SUPPORT BRACKETS & LOCATOR TABS	400.00	EACH
003	916.9902	REPLACE DIAPHRAGM ASSEMBLY FOR IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES)	50.00	EACH
004	916.9903	REPLACE THRIE-BEAM FENDER PANEL/SLIDING PANEL ASSEMBLY FOR IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES)	200.00	EACH
005	916.9904	REPLACE REFLECTIVE NOSE COVER ASSEMBLY FOR IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES) INCLUDING ASSOCIATED SUPPORT LEGS	90.00	EACH
006	916.9905	REPLACE TRANSITION PANEL FOR IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES)	2.00	EACH
007	916.9906	REPLACE EXTENSION OR END PANEL FOR IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES)	8.00	EACH
008	916.9907	REPLACE BUMPER ASSEMBLY FOR IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES)	3.00	EACH
009	916.9908	REPLACE CONCRETE ANCHOR BOLTS FOR IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES)	40.00	EACH
010	916.9911	G.R.E.A.T. SYSTEM - REPLACE CHAIN RAIL SECTION (ALL TYPES & SIZES)	2.00	EACH
011	916.9912	G.R.E.A.T. SYSTEM - REPLACE FRONT RESTRAINING CABLE ANCHOR (ALL TYPES & SIZES)	2.00	EACH
012	916.9913	G.R.E.A.T. SYSTEM - REPLACE PROOF COIL CHAIN (ALL TYPES & SIZES)	2.00	EACH
013	916.9914	G.R.E.A.T SYSTEM - REPLACE SUPPORT LEG (ALL TYPES & SIZES)	4.00	EACH
014	916.9915	QUADGUARD SYSTEM - 4 BAYS (24", 36", 69", OR 90" WIDE)	3.00	EACH
015	916.9916	QUADGUARD SYSTEM - 5 BAYS (24", 36", 69", OR 90" WIDE)	3.00	EACH
016	916.9917	QUADGUARD SYSTEM - 6 BAYS (24", 36", 69", OR 90" WIDE)	3.00	EACH
017	916.9918	QUADGUARD SYSTEM - 7 BAYS (24", 36", 69", OR 90" WIDE)	3.00	EACH
018	916.9919	QUADGUARD SYSTEM - 8 BAYS (24", 36", 69", OR 90 " WIDE)	3.00	EACH
019	916.9922	QUADGUARD "ELITE" SYSTEM - REPLACE CYLINDER RETAINER CABLE	4.00	EACH
020	916.9926	QUADGUARD "ELITE" SYSTEM - REPLACE HIT INDICATOR	4.00	EACH
021	916.9931	TAU II SYSTEM - REPLACE CABLE (ALL TYPES & SIZES)	4.00	EACH
022	916.9932	TAU II SYSTEM - REPLACE BACKSTOP ASSEMBLY (ALL TYPES & SIZES)	2.00	EACH
023	916.9933	TAU II SYSTEM - REPLACE ANCHOR PACKAGE (ALL TYPES & SIZES)	10.00	EACH
024	916.9934	TAU II SYSTEM - REPLACE CABLE KEY ANCHOR (ALL TYPES & SIZES)	5.00	EACH

Item List

Date: 9/22/2016

Estimate Name - PS&E Estimate
 Project Name - Statewide Impact Attenuator Repair and Replacement 2017-2019
 R.I. Contract No. - 2016-CM-003
 FAP Nos. - STP-ATTN(001)

Seq No.	Item Code	Description	Quantity	UM
025	916.9935	TAU II SYSTEM - REPLACE FRONT SUPPORT WITH LEG KIT (ALL TYPES & SIZES)	20.00	EACH
026	916.9936	TAU II SYSTEM - REPLACE MID SUPPORT WITH LEG KIT (ALL TYPES & SIZES)	15.00	EACH
027	916.9937	TAU II SYSTEM - REPLACE LEG FOR BULKHEAD (ALL TYPES & SIZES)	15.00	EACH
028	916.9938	TAU II SYSTEM - REPLACE BULKHEAD (ALL TYPES & SIZES) INCLUDING WING ASSEMBLIES, BRACES, SPACERS, MOUNTS, PLATES AND 36" ADAPTOR	15.00	EACH
029	916.9939	TAU II SYSTEM - REPLACE CABLE GUIDE MOUNT INCLUDING CABLE GUIDE ASSEMBLY	2.00	EACH
030	916.9943	TAU II SYSTEM - REPLACE PIPE PANEL (ALL TYPES & SIZES)	5.00	EACH
031	916.9945	UNIVERSAL TAU-II ATTENUATOR SYSTEM CAPACITY 50 TO 59 MPH	3.00	EACH
032	916.9946	UNIVERSAL TAU-II ATTENUATOR SYSTEM CAPACITY 60 TO 70 MPH	3.00	EACH
033	916.9951	TRACC SYSTEM - REPLACE BASE ASSEMBLY (ALL STAGES)	3.00	EACH
034	916.9952	TRACC SYSTEM - REPLACE ENERGY ABSORBING RIP PLATE	10.00	EACH
035	916.9953	TRACC SYSTEM - REPLACE SIDE PANEL AND FRAME	10.00	EACH
036	916.9955	TRACC SYSTEM ATTENUATOR	2.00	EACH
037	916.9989	REPOSITION AND REFURBISH IMPACT ATTENUATOR (ALL BRANDS, TYPES & SIZES)	130.00	EACH
038	916.9990	REPOSTION AND REFURBISH CRASH CUSHION / SAND BARREL (ALL BRANDS, TYPES & SIZES)	30.00	EACH
039	916.9991	REPLACE CRASH CUSHION / SAND BARRERL (ALL BRANDS, TYPES & SIZES)	75.00	EACH
040	916.9992	CONCRETE LEVELING PAD	500.00	SF
041	916.9993	DIGITAL TORQUE WRENCH	1.00	EACH
042	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	256.00	SF
043	922.9901	REFLECTORIZED ATTENUATOR PANEL	100.00	EACH
044	923.0125	PLASTIC PIPE TYPE III BARRICADE STANDARD 26.3.1	3.00	EACH
045	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	100.00	EACH
046	924.0113	ADVANCE WARNING ARROW PANEL	100.00	PDAY
047	928.9901	TRUCK MOUNTED ATTENUATOR (TMA) WITH TRUCK MOUNTED FLASHING ARROW BOARD (TMFAB)	600.00	HRS
048	943.0200	TRAINEE MAN-HOURS	1,500.00	MHRS