



REQUEST FOR QUOTE (RFQ) – BID# 7598795

2019-CS-052 STATEWIDE GUARDRAIL REPAIR AND REPLACEMENT

SUBMISSION DEADLINE: Friday, May 31, 2019 at 01:00 PM (ET)

PRE-BID CONFERENCE: 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. The representative must register at the pre-bid conference and disclose the identity of the vendor whom he/she represents. Because attendance at the pre-bid conference is mandatory, a vendor's failure to attend and register at the pre-bid conference shall result in disqualification of the vendor's bid proposal as non-responsive to the solicitation.

N/A

Buyer Name: ALYSSA WARD 
Title: BUYER I

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
 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.

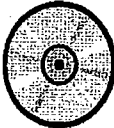
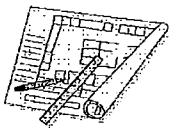
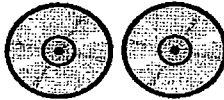


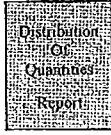
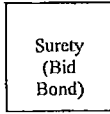

THIS IS NOT A BIDDER CERTIFICATION FORM

*** 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 (Hard Copy)	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 Life 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 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.

**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: 2019-CS-052

Rhode Island Federal-Aid\State-Aid Project Numbers: STPG-9999(080)

Project: Statewide Guardrail 2020-2022

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, 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 May 31, 2019 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 shall consist of the statewide repair/maintenance of damaged and/or deteriorated sections of guardrail and other protective devices such as concrete barrier and replacement of obsolete and/or substandard guardrail and other protective devices with all incidentals as directed by the Engineer to complete the work of this Contract to the satisfaction of the Engineer. This Contract involves crash location repairs to guardrail and other protective devices. Most of the work is to repair guardrail in kind but when the guardrail and other protective devices are found to be substandard they are replaced as directed by the Engineer. Also included is traffic control on all roadways in conjunction with this work. Locations of work for this Contract include guardrail and other protective devices along 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 May 10, 2019 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: 5/2/2019

Estimate Name - SW G 20-22
 Project Name - Statewide Guardrail 2020-2022
 R.I. Contract No. - 2019-CS-052
 FAP Nos. - STPG-9999(080)

Seq No.	Item Code	Description	Quantity	UM
001	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	20,000.00	LF
002	201.9902	REALIGNMENT OF GUARDRAIL POST (ALL TYPES AND LENGTHS)	150.00	EACH
003	201.9903	EMERGENCY RESPONSE - TRAFFIC CONTROL & GENERAL CLEANUP	20,000.00	EACH
004	202.0700	COMMON BORROW	5.00	CY
005	202.0800	GRAVEL BORROW	5.00	CY
006	202.9901	GUARDRAIL POST HOLE, HAND DUG (ALL TYPES AND LENGTHS)	60.00	EACH
007	601.9901	CLASS (A) CONCRETE FOOTING CAST IN PLACE FOR R.I. STD 34.3.1 & 34.3.4	16.00	EACH
008	601.9902	CONCRETE FOOTING FOR CABLE HIGH TENSION GUARDRAIL POSTS (ALL TYPES AND SHAPES) PRECAST	20.00	EACH
009	901.9901	GUARDRAIL POST (ALL RI STANDARD TYPES EXCEPT RI STD 34.1.2 & PEDESTAL POST)	350.00	EACH
010	901.9902	GUARDRAIL POST IN LEDGE, (ALL TYPES & FINISHES)	50.00	EACH
011	901.9903	COMPOSITE OR WOOD GUARDRAIL BLOCKOUT (ALL TYPES AND SIZES) OR BRIDGE PARAPET OFFSET BRACKET ASSEMBLY	400.00	EACH
012	901.9904	M 14X18 GUARDRAIL BLOCKOUT	80.00	EACH
013	901.9905	STEEL W BEAM SINGLE FACE GUARDRAIL IN EARTH AND ASPHALT, RI STD 34.1.0 & 34.2.0	20,000.00	LF
014	901.9906	STEEL W BEAM DOUBLE FACE GUARDRAIL IN EARTH AND ASPHALT, RI STD 34.1.0 & 34.2.0	200.00	LF
015	901.9907	STEEL W BEAM RAIL (12.5' BY 12")	900.00	EACH
016	901.9910	STEEL W BEAM SINGLE FACE GUARDRAIL WITH RUBRAIL IN EARTH AND ASPHALT, RI STD 34.1.0 & 34.2.0	50.00	LF
017	901.9911	STEEL W BEAM DOUBLE FACE GUARDRAIL WITH RUBRAIL IN EARTH AND ASPHALT, RI STD 34.1.0 & 34.2.0	50.00	LF
018	901.9912	STEEL BEAM RUBRAIL SECTION (12' BY 6")	5.00	EACH
019	901.9913	STEEL W BEAM TO STEEL THRIE BEAM GUARDRAIL TRANSITION RAIL	20.00	EACH
020	901.9914	STEEL THRIE BEAM SINGLE FACE GUARDRAIL IN EARTH AND ASPHALT WITH COMPOSITE BLOCKOUT, TL-3	300.00	LF
021	901.9915	STEEL THRIE BEAM DOUBLE FACE GUARDRAIL IN EARTH AND ASPHALT WITH COMPOSITE BLOCKOUT, TL-3	100.00	LF
022	901.9916	STEEL THRIE BEAM RAIL (12.5' BY 20")	25.00	EACH
023	901.9919	STEEL THRIE BEAM SINGLE FACE GUARDRAIL IN EARTH AND ASPHALT, RI STD 34.1.0 & 34.5.3, TL-4	200.00	LF
024	901.9920	STEEL THRIE BEAM DOUBLE FACE GUARDRAIL IN EARTH AND ASPHALT, RI STD 34.1.0 & 34.5.4, TL-4	300.00	LF
025	901.9921	STEEL THRIE BEAM RAIL (25' BY 20")	80.00	EACH
026	901.9924	GUARDRAIL END TREATMENT - NON-ENERGY ABSORBING TERMINAL	90.00	EACH

Item List

Date: 5/2/2019

Estimate Name - SW G 20-22
 Project Name - Statewide Guardrail 2020-2022
 R.I. Contract No. - 2019-CS-052
 FAP Nos. - STPG-9999(080)

Seq No.	Item Code	Description	Quantity	UM
027	901.9925	STAGE I OF NON-ENERGY ABSORBING END TREATMENT REPLACEMENT PACKAGE	100.00	EACH
028	901.9926	STAGE II OF NON-ENERGY ABSORBING END TREATMENT REPLACEMENT PACKAGE	40.00	EACH
029	901.9932	GUARDRAIL END TREATMENT - ENERGY ABSORBING TERMINAL	50.00	EACH
030	901.9933	STAGE I OF ENERGY ABSORBING END TREATMENT REPLACEMENT PACKAGE	40.00	EACH
031	901.9935	STAGE II OF ENERGY ABSORBING END TREATMENT REPLACEMENT PACKAGE	4.00	EACH
032	901.9940	BUFFER END PIECE (COMPONENT OF RI STD 34.3.1)	40.00	EACH
033	901.9941	STEEL W BEAM 12.5' BY 12" RAIL W/PREPUNCHED OR DRILLED HOLES	60.00	EACH
034	901.9942	TERMINAL END SECTION (SINGLE FACE) FOR USE WITH W-BEAM (RI STD 34.3.2) OR THRIE BEAM RAIL	75.00	EACH
035	901.9945	CABLE ASSEMBLY FOR RI STD 34.3.1 & 34.3.4 AND TENSION CABLE	75.00	EACH
036	901.9946	CABLE HIGH TENSION GUARDRAIL ASSEMBLY (ALL TYPES AND SHAPES)	100.00	LF
037	901.9947	CABLE HIGH TENSION GUARDRAIL POST (ALL TYPES AND SHAPES) & REATTACH CABLES & RE-TENSION CABLES	2,500.00	EACH
038	901.9948	CABLE SPLICE TURNBUCKLE (ALL TYPES AND SHAPES)	15.00	EACH
039	901.9949	CABLE TERMINAL RELEASE POST (NO. 1, 2, OR 3), UPPER POST, & REATTACH CABLE & RE-TENSION CABLE	75.00	EACH
040	901.9950	CABLE TERMINAL RELEASE POST (NO. 1, 2, OR 3), LOWER POST W/CONCRETE FOOTING CAST IN PLACE, & REATTACH CABLE & RE-TENSION CABLE	5.00	EACH
041	901.9951	CABLE TERMINAL POST (NO. 4, 5, 6, 7, 8 OR 9) & REATTACH CABLE & RE-TENSION CABLE	65.00	EACH
042	901.9952	RESET CABLE TERMINAL RELEASE POST & REATTACH CABLES & RE-TENSION CABLES	10.00	EACH
043	901.9953	STEEL W BEAM GUARDRAIL CONNECTION TO EXISTING ENDPOST APPROACH END SECTION, RI STD 34.3.5	3.00	EACH
044	901.9954	STEEL W BEAM GUARDRAIL CONNECTION TO EXISTING ENDPOST TRAILING END SECTION, RI STD 34.3.6	3.00	EACH
045	901.9959	STEEL THRIE BEAM GUARDRAIL BRIDGE CONNECTION, RI BRIDGE STD 9.10	2.00	EACH
046	901.9962	STEEL W BEAM TERMINAL CONNECTOR	10.00	EACH
047	901.9963	STEEL THRIE BEAM TERMINAL CONNECTOR	35.00	EACH
048	901.9965	GUARDRAIL PEDESTAL POST (ALL FINISHES)	75.00	EACH
049	901.9966	MASH GUARDRAIL END TREATMENT- ENERGY ABSORBING TERMINAL	200.00	EACH
050	901.9967	MASH STAGE I ENERGY ABSORBING END TREATMENT REPLACEMENT PACKAGE	50.00	EACH

Item List

Date: 5/2/2019

Estimate Name - SW G 20-22
 Project Name - Statewide Guardrail 2020-2022
 R.I. Contract No. - 2019-CS-052
 FAP Nos. - STPG-9999(080)

Seq No.	Item Code	Description	Quantity	UM
051	901.9968	MASH STAGE II OF ENERGY ABSORBING END TREATMENT REPLACEMENT PACKAGE	25.00	EACH
052	901.9969	MASH GUARDRAIL STEEL BEAM ANCHORAGE TRAILING END SECTION	30.00	EACH
053	901.9971	METALIZED AND PAINTED STEEL GUARDRAIL POST (ALL RI STANDARD TYPES EXCEPT RI STD 31.1.2 & PEDESTAL POST)	10.00	EACH
054	901.9972	METALIZED AND PAINTED STEEL W BEAM RAIL (12.5' BY 12") ALL TYPES	26.00	EACH
055	901.9973	METALIZED AND PAINTED STEEL W BEAM SINGLE FACE GUARDRAIL IN EARTH AND ASPHALT, RI STD 34.1.0 & 34.2.0	25.00	LF
056	901.9976	METALIZED AND PAINTED STEEL W BEAM SINGLE FACE GUARDRAIL WITH RUBRAIL IN EARTH AND ASPHALT, RI STD 34.1.0 & 34.2.0	50.00	LF
057	901.9977	METALIZED AND PAINTED STEEL W BEAM TO STEEL THRIE BEAM GUARDRAIL TRANSITION RAIL	6.00	EACH
058	901.9978	METALIZED AND PAINTED STEEL THRIE BEAM RAIL (12.5' BY 20") ALL TYPES	4.00	EACH
059	901.9979	METALIZED AND PAINTED STEEL THRIE BEAM SINGLE FACE GUARDRAIL IN EARTH AND ASPHALT WITH COMPOSITE BLOCKOUT, TL-3	75.00	LF
060	901.9981	METALIZED AND PAINTED GUARDRAIL END TREATMENT - NON-ENERGY ABSORBING TERMINAL	6.00	EACH
061	901.9982	METALIZED AND PAINTED GUARDRAIL END TREATMENT ENERGY ABSORBING TERMINAL	6.00	EACH
062	901.9983	METALIZED AND PAINTED BUFFER END PIECE (COMPONENT OF RI STD 34.3.1)	7.00	EACH
063	901.9984	METALIZED AND PAINTED TERMINAL END SECTION (SINGLE FACE), RI STD 34.3.2	8.00	EACH
064	901.9985	NATINA REACTIVE COLOR TREATMENT ON GALVANIZED SURFACES	200.00	LF
065	901.9993	GUARDRAIL BOX-BEAM SECTION	2.00	EACH
066	901.9994	GUARDRAIL BOX-BEAM POST	30.00	EACH
067	901.9995	GUARDRAIL BOX-BEAM PEDESTAL POST	5.00	EACH
068	901.9996	GUARDRAIL BOX-BEAM SPLICE COUPLING	2.00	EACH
069	901.9997	GUARDRAIL BOX-BEAM END TREATMENT - REPAIR IN KIND	2.00	EACH
070	902.0100	STEEL BACKED TIMBER GUARDRAIL STANDARD 34.4.0	60.00	LF
071	904.9904	REMOVE AND RESET CABLE ASSEMBLY FOR RI STD 34.3.1 & 34.3.4 AND TENSION CABLE	10.00	EACH
072	909.9901	MODIFIED DOUBLE-FACED PRECAST MEDIAN BARRIER	20.00	LF
073	909.9902	MODIFIED SINGLE-FACED PRECAST MEDIAN BARRIER	20.00	LF
074	916.9901	COMPLETE CRASH CUSHION ATTENUATING TERMINAL	5.00	EACH
075	916.9902	STAGE I OF CRASH CUSHION ATTENUATING TERMINAL	5.00	EACH

Item List

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Seq No.	Item Code	Description	Quantity	UM
076	916.9903	STAGE II OF CRASH CUSHION ATTENUATING TERMINAL	5.00	EACH
077	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	400.00	SF
078	923.0105	DRUM BARRICADE STANDARD 26.2.0	100.00	BDAY
079	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	200.00	EACH
080	924.0113	ADVANCE WARNING ARROW PANEL	500.00	PDAY
081	926.9901	UNANCHORED PRECAST MEDIAN BARRIER FOR TRAFFIC CONTROL LEFT IN PLACE	50.00	LF
082	928.9901	TRUCK MOUNTED ATTENUATOR (TMA) WITH TRUCK MOUNTED FLASHING ARROW BOARD (TMFAB)	5,000.00	HRS
083	929.9901	FIELD OFFICE	42.00	PMO
084	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	200.00	SY
085	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	200.00	SY