



# West Virginia Purchasing Division

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The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 3

List View

General Information | Contact | Default Values | Discount | Document Information

Procurement Folder: 289033

Procurement Type: Central Master Agreement

Vendor ID: 000000162679

Legal Name: ROADS SAFE TRAFFIC SYSTEMS, INC

Alias/DBA:

Total Bid: \$24,540.00

Response Date: 02/22/2017

Response Time: 15:49

SO Doc Code: CRFQ

SO Dept: 0803

SO Doc ID: DOT1700000056

Published Date: 2/1/17

Close Date: 2/23/17

Close Time: 13:30

Status: Closed

Solicitation Description: CHANNELIZER CONES FOR ALL ROADWAYS

Total of Header Attachments: 3

Total of All Attachments: 3



Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	COMPLETE FLEXIBLE PLASTIC CHANNELIZER CONE	500.00000	EA	\$48.000000	\$24,000.00

Comm Code	Manufacturer	Specification	Model #
46161508			

**Extended Description :** COMPLETE FLEXIBLE PLASTIC CHANNELIZER CONE, TO INCLUDE SHEETING (PRE-APPLIED), AND RUBBER BASE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	REPLACEMENT FLEXIBLE PLASTIC CHANNELIZER CONE	10.00000	EA	\$29.000000	\$290.00

Comm Code	Manufacturer	Specification	Model #
46161508			

**Extended Description :** REPLACEMENT FLEXIBLE PLASTIC CHANNELIZER CONE, TO INCLUDE SHEETING PRE-APPLIED. MODEL SUPPLIED SHALL BE SAME AS MODEL SUPPLIED UNDER ITEM #1. (CHANNELIZER CONE ONLY)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	REPLACEMENT FLEXIBLE PLASTIC CHANNELIZER CONE	10.00000	EA	\$25.000000	\$250.00

Comm Code	Manufacturer	Specification	Model #
46161508			

**Extended Description :** REPLACEMENT FLEXIBLE PLASTIC CHANNELIZER CONE RUBBER BASE. MODEL SUPPLIED SHALL BE SAME AS MODEL SUPPLIED UNER ITEM #1. (BASE ONLY)



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

1200 New Jersey Ave., SE  
Washington, D.C. 20590

April 3, 2014

In Reply Refer To:  
HSST/WZ-322

Mr. Douglas Micelli  
Protection Services Inc.  
655 Lucknow Road  
Harrisburg Pennsylvania 17110

Dear Mr. Micelli:

This letter is in response to your request for the Federal Highway Administration (FHWA) to review a roadside safety system for eligibility for reimbursement under the Federal-aid highway program.

Name of system:	42 Inch Tall Cone
Type of system:	Traffic Cone Channelizer
Test Level:	NCHRP Report 350 Test Level 3
Component Testing by:	Washington Laboratories, Ltd. (WLL)
Date of request:	January 21, 2013
Date initially acknowledged:	February 21, 2013
Date of completed package:	November 19, 2013

### **Decision**

The following device is eligible, with details provided in the form which is attached as an integral part of this letter:

- 42 Inch Tall Traffic Channelizer Cone

Based on a review of crash test results for a similar product submitted by the manufacturer certifying the device described herein meets the crash test and evaluation criteria of the National Cooperative Highway Research Program (NCHRP) Report 350, the device is eligible for reimbursement under the Federal-aid highway program. Eligibility for reimbursement under the Federal-aid highway program does not establish approval or endorsement by the FHWA for any particular purpose or use.

The FHWA, the Department of Transportation, and the United States Government do not endorse products or services and the issuance of a reimbursement eligibility letter is not an endorsement of any product or service.

**Requirements**

To be found eligible for Federal-aid funding, roadside safety devices should meet the crash test and evaluation criteria contained in the NCHRP Report 350 or the American Association of State Highway and Transportation Officials' Manual for Assessing Safety Hardware (MASH).

**Description**

The device and supporting documentation are described in the attached form. The cone is similar to the Traffix Devices Looper Cone which was covered in FHWA Letter WZ-189. You have received written permission from Traffix Devices Inc., to use their full scale crash tests to support your certification that the Protection Services 42-inch tall cone meets the crash test criteria of NCHRP Report 350.

The two cone designs are comparable with the exception of the warning light attachment hole. The Traffix Devices Looper Cone was crash tested and resulted in a cracked windshield when the light detached and impacted the test vehicle. Washington Laboratories, Ltd., conducted quasi-static pull tests to assess the strength of the warning light attachment hole for both the Traffix Devices Looper Cone and the Protection Services Traffic Cone Channelizer. The WLL test report showed that the Protection Services Traffic Cone Channelizer had a greater capacity to retain the warning light than the crash tested cone. Therefore windshield damage is less likely when warning lights are used on the Protection Services Traffic Cone Channelizer.

**Summary and Standard Provisions**

Therefore, the system described and detailed in the attached form is eligible for reimbursement and may be installed under the range of conditions tested.

Please note the following standard provisions that apply to FHWA eligibility letters:

- This finding of eligibility does not cover other structural features of the systems, nor conformity with the Manual on Uniform Traffic Control Devices.
- Any changes that may influence system conformance with NCHRP Report 350 criteria will require a new reimbursement eligibility letter.
- Should the FHWA discover that the qualification testing was flawed, that in-service performance reveals safety problems, or that the system is significantly different from the version that was crash tested, we reserve the right to modify or revoke this letter.
- You are expected to supply potential users with sufficient information on design and installation requirements to ensure proper performance.
- You are expected to certify to potential users that the hardware furnished has the same chemistry, mechanical properties, and geometry as that submitted for review, and that it will meet the crash test and evaluation criteria of the NCHRP Report 350.
- To prevent misunderstanding by others, this letter of eligibility is designated as number WZ-322 and shall not be reproduced except in full. This letter and the test documentation upon which it is based are public information. All such letters and documentation may be reviewed at our office upon request.
- This letter shall not be construed as authorization or consent by the FHWA to use, manufacture, or sell any patented system for which the applicant is not the patent

holder. The FHWA does not become involved in issues concerning patent law. Patent issues, if any, are to be resolved by the applicant.

- The Protection Services Cones are patented products and considered proprietary. If proprietary systems are specified by a highway agency for use on Federal-aid projects: (a) they must be supplied through competitive bidding with equally suitable unpatented items; (b) the highway agency must certify that they are essential for synchronization with the existing highway facilities or that no equally suitable alternative exists; or (c) they must be used for research or for a distinctive type of construction on relatively short sections of road for experimental purposes. Our regulations concerning proprietary products are contained in Title 23, Code of Federal Regulations, Section 635.411.

Sincerely yours,

A handwritten signature in blue ink that reads "Michael S. Griffith". The signature is written in a cursive style with a large, stylized initial "M".

Michael S. Griffith  
Director, Office of Safety Technologies  
Office of Safety

Enclosures

**PRODUCT COMPLIANCE CHECKLIST FORM**

This form should be completed in its' entirety by the vendor, and submitted as part of the vendor's bid package.

**CHANNELIZER CONES - ALL ROADWAYS (ITEMS 1-3)**

- 1) Channelizer Cone manufacturer: Protection Services / Work Area Protection
- 2) Trade name(s) and model number(s) of Channelizer Cones to be supplied: CC-42 w/CB4220 Base
- 3) Channelizer Cone APL lab approval number : 1394641
- 4) Manufacturer(s) and Series number(s) of sheeting(s) to be utilized : 3M as specified series 331X
- 5) Sheeting APL lab approval number(s) : 1433736

- 6) Channelizer Cones supplied with horizontal, circumferential, alternating orange and white retroreflective stripes that are 6 inches wide?
 

Yes	No
X	
- 7) Channelizer Cones have a minimum of two orange and two white stripes with the top stripe being orange with any non-retroreflectorized spaces between the horizontal orange and white stripes not exceeding 1 inch?
 

Yes	No
X	
- 8) Sheeting used on Channelizer Cones is Type ASTM-IV material, approved for use on Channelizer Cones, listed on the WVDOH APL for Retroreflective Sheatings?
 

Yes	No
X	
- 9) Channelizer cone is listed on the Materials Division "Channelizer Cones" Approved Product List (APL)?
 

Yes	No
X	
- 10) The intended applications for the sheeting manufacturer's products to be supplied under this contract are in accordance with the sheeting manufacturer's recommendations, and the sheeting manufacturer has reviewed the recommended application procedures with the device manufacturer.
 

Yes	No
X	
- 11) Product bid for items 1-3 is a model listed within the "approved for use on all roadways" section of the APL and is manufactured of low density polyethylene?
 

Yes	No
X	
- 12) Channelizer Cone is permanently hot stamped in a prominent location with the letters "WVDOH" a minimum of 1" in height?
 

Yes	No
X	

PRINT NAME: Douglas Miceli

SIGN NAME: [Signature]

NAME OF VENDOR: Roadsafe Traffic Systems Inc.

DATE: 2/22/17



STATE OF WEST VIRGINIA  
Purchasing Division

# PURCHASING AFFIDAVIT

**MANDATE:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Roadsafe Traffic Systems Inc.

Authorized Signature: [Signature] Date: 2/22/17

State of Pa.

County of Dauphin, to-wit:

Taken, subscribed, and sworn to before me this 22 day of Feb., 2017.

My Commission expires 4/14/2018, 20    .

**AFFIX SEAL HERE**

**NOTARY PUBLIC** [Signature]

*Purchasing Affidavit (Revised 08/01/2015)*

