



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.



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Welcome, Lu Anne Cottrill

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Solicitation Response(SR)

Dept: 0803

ID: ESR11182100000003150

Ver.: 1

Function: New

Phase: Final



Modified by batch , 11/18/2021

Header 8

[List View](#)

General Information

[Contact](#)

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[Discount](#)

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[Clarification Request](#)

Procurement Folder: 959645

Procurement Type: Central Master Agreement

Vendor ID: 000000164192

Legal Name: ARROW SAFETY DEVICE CO

Alias/DBA:

Total Bid: \$6,246.50

Response Date: 11/18/2021

Response Time: 9:20

Responded By User ID: Arrow1930!

First Name: Lora

Last Name: Holland

Email: lholland@arrowsafetydev

Phone: 302-856-2516

SO Doc Code: CRFQ

SO Dept: 0803

SO Doc ID: DOT2200000075

Published Date: 10/29/21

Close Date: 11/18/21

Close Time: 13:30

Status: Closed

Solicitation Description: SURFACE MOUNTED TUBULAR
MARKERS AND REPLACEMENT

Total of Header Attachments: 8

Total of All Attachments: 8



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder: 959645
Solicitation Description: SURFACE MOUNTED TUBULAR MARKERS AND REPLACEMENT COMPONENTS
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2021-11-18 13:30	SR 0803 ESR11182100000003150	1

VENDOR
000000164192
ARROW SAFETY DEVICE CO

Solicitation Number: CRFQ 0803 DOT2200000075
Total Bid: 6246.5
Response Date: 2021-11-18
Response Time: 09:20:35
Comments:

FOR INFORMATION CONTACT THE BUYER
John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor
Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	COMPLETE TUBULAR MARKER, WHITE POST, WHITE SHEETING	50.00000	EA	31.230000	1561.50

Comm Code	Manufacturer	Specification	Model #
46161508			

Commodity Line Comments:

Extended Description:

COMPLETE SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, WHITE, TO INCLUDE POST, WHITE RETROREFLECTIVE SHEETING (APPLIED), BASE, AND POST ATTACHMENT HARDWARE.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	COMPLETE TUBULAR MARKER, YELLOW POST, YELLOW SHEETING	50.00000	EA	31.230000	1561.50

Comm Code	Manufacturer	Specification	Model #
46161508			

Commodity Line Comments:

Extended Description:

COMPLETE SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, YELLOW, TO INCLUDE POST, YELLOW RETROREFLECTIVE SHEETING (APPLIED), BASE, AND POST ATTACHMENT HARDWARE.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	REPLACEMENT TUBULAR MARKER, WHITE POST, WHITE SHEETING	50.00000	EA	27.560000	1378.00

Comm Code	Manufacturer	Specification	Model #
46161508			

Commodity Line Comments:

Extended Description:

REPLACEMENT SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, WHITE, TO INCLUDE POST, WHITE RETROREFLECTIVE SHEETING (APPLIED), AND POST ATTACHMENT HARDWARE.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	REPLACEMENT TUBULAR MARKER, YELLOW POST, YELLOW SHEETING	50.00000	EA	27.560000	1378.00

Comm Code	Manufacturer	Specification	Model #
46161508			

Commodity Line Comments:

Extended Description:

REPLACEMENT SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, YELLOW, TO INCLUDE POST, YELLOW RETROREFLECTIVE SHEETING (APPLIED), AND POST ATTACHMENT HARDWARE.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	SURFACE MOUNTED FLEXIBLE TUBULAR MARKER BASE	50.00000	EA	7.350000	367.50

Comm Code	Manufacturer	Specification	Model #
46161508			

Commodity Line Comments:

Extended Description:

SURFACE MOUNTED FLEXIBLE TUBULAR MARKER BASE



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Highways

Proc Folder: 959645

Doc Description: SURFACE MOUNTED TUBULAR MARKERS AND REPLACEMENT COMPONENTS

Reason for Modification:

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2021-10-29	2021-11-18 13:30	CRFQ 0803 DOT2200000075	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code:

Vendor Name : *ARROW SAFETY DEVICE CO.*

Address : *123 DIXON STREET,*

Street :

City : *SELBYVILLE*

State : *DE*

Country : *US*

Zip : *19975*

Principal Contact : *DAVID SPETEK*

Vendor Contact Phone: *302-856-2516*

Extension: *11*

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor
Signature X

FEIN# *26-3237023*

DATE *11/17/21*

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION**REQUEST FOR QUOTATION:**

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Division of Highways (WVDOH) to establish an open-end contract for Surface Mounted Tubular Markers and replacement components as needed. Per the Bid Requirements, Specifications, Terms and Conditions attached to this Solicitation.

INVOICE TO**SHIP TO**

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

STATE OF WEST VIRGINIA

VARIOUS LOCATIONS AS
INDICATED BY ORDER

No City WV
US

No City WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	COMPLETE TUBULAR MARKER, WHITE POST, WHITE SHEETING	50.00000	EA	31.23	1561.50

Comm Code**Manufacturer****Specification****Model #**

46161508

SHOR-TITE

SHUR-FLEX

SF0140

Extended Description:

COMPLETE SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, WHITE, TO INCLUDE POST, WHITE RETROREFLECTIVE SHEETING (APPLIED), BASE, AND POST ATTACHMENT HARDWARE.

INVOICE TO**SHIP TO**

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

STATE OF WEST VIRGINIA

VARIOUS LOCATIONS AS
INDICATED BY ORDER

No City WV
US

No City WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	COMPLETE TUBULAR MARKER, YELLOW POST, YELLOW SHEETING	50.00000	EA	31.23	1561.50

Comm Code**Manufacturer****Specification****Model #**

46161508

SF0140

Extended Description:

COMPLETE SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, YELLOW, TO INCLUDE POST, YELLOW RETROREFLECTIVE SHEETING (APPLIED), BASE, AND POST ATTACHMENT HARDWARE.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	REPLACEMENT TUBULAR MARKER, WHITE POST, WHITE SHEETING	50.00000	EA	27.56	1378.00

Comm Code	Manufacturer	Specification	Model #
46161508	SHUR-TITE	SHUR-FLEX	550110W

Extended Description:

REPLACEMENT SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, WHITE, TO INCLUDE POST, WHITE RETROREFLECTIVE SHEETING (APPLIED), AND POST ATTACHMENT HARDWARE.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	REPLACEMENT TUBULAR MARKER, YELLOW POST, YELLOW SHEETING	50.00000	EA	27.56	1378.00

Comm Code	Manufacturer	Specification	Model #
46161508	SHUR-TITE	SHUR-FLEX	EK364R3

Extended Description:

REPLACEMENT SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, YELLOW, TO INCLUDE POST, YELLOW RETROREFLECTIVE SHEETING (APPLIED), AND POST ATTACHMENT HARDWARE.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	SURFACE MOUNTED FLEXIBLE TUBULAR MARKER BASE	50.00000	EA		

Comm Code	Manufacturer	Specification	Model #
46161508	<i>SHUR-TITE</i>	<i>SHUR FLEX BASE</i>	<i>SP0007</i>

Extended Description:

SURFACE MOUNTED FLEXIBLE TUBULAR MARKER BASE

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Tech Questions due by 10:00am	2021-11-08

	Document Phase	Document Description	Page 5
DOT2200000075	Final	SURFACE MOUNTED TUBULAR MARKERS AND REPLACEMENT COMPONENTS	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

EXHIBIT A**BID SCHEDULE**

The following estimated quantities are for bid purposes only. Actual quantities will be determined by the needs of the West Virginia Division of Highways and may be increased or decreased.

Item Number	Estimated Quantity	Unit of Measure	Description	Unit Cost	Total
SURFACE Mounted Flexible Tubular Markers Category					
1	50	Each	Complete Surface Mounted Flexible Tubular Marker, White, To include post, white retroreflective sheeting (applied), base, and post attachment hardware.	31.23	1561.5
2	50	Each	Complete Surface Mounted Flexible Tubular Marker, Yellow, To include post, yellow retroreflective sheeting (applied), base, and post attachment hardware.	31.23	1561.5
3	50	Each	Replacement Surface Mounted Flexible Tubular Marker, White, To include post, white retroreflective sheeting (applied), and post attachment hardware.	27.56	1378
4	50	Each	Replacement Surface Mounted Flexible Tubular Marker, Yellow, To include post, yellow retroreflective sheeting (applied), and post attachment hardware.	27.56	1378
5	50	Each	Surface Mounted Flexible Tubular Marker Base.	7.35	367.5

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

DAVID SPEIER, PRESIDENT
(Name, Title)

[Signature]
(Printed Name and Title)

123 DIXON STREET SELBYVILLE DE 19975
(Address)

(302) 856-2516 x11 302-856-1549
(Phone Number) / (Fax Number)

DSPEIER@ARROWSAFETYDEVICE.COM
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

ARROW SAFETY DEVICE COMPANY
(Company)

[Signature]
(Authorized Signature) (Representative Name, Title)

DAVID SPEIER, PRESIDENT
(Printed Name and Title of Authorized Representative)

11/17/21
(Date)

(302) 856-2516 x11 302-856-1549
(Phone Number) (Fax Number)

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or "Interested parties" means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Arrow Safety Device Co. Address: 123 Dixon A.
Seelyville DE 19975

Name of Authorized Agent: David T. Speier Address: 331 Walnut Hill Dr.
Berlin, MD 21811

Contract Number: _____ Contract Description: _____

Governmental agency awarding contract: _____

☐ Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

☒ Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

☐ Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

☒ Check here if none, otherwise list entity/individual names below.

Signature: [Signature]

Date Signed: 11/17/21

Notary Verification

State of Delaware, County of Sussex:

I, LINDA FULKERSIN, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 17 day of Nov, 2021

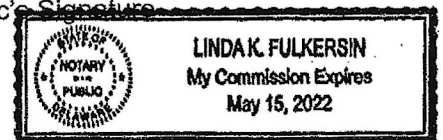
[Signature]
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



Revised June 8, 2018

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(l), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: 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 exceeds 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: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, 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: Arrow Safety Device Co.

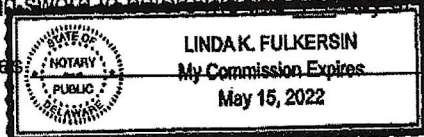
Authorized Signature: David T. Spivey Date: 11/17/21

State of Delaware

County of Sussex, to-wit:

Taken, subscribed, and sworn to before me this 17 day of Nov, 2021.

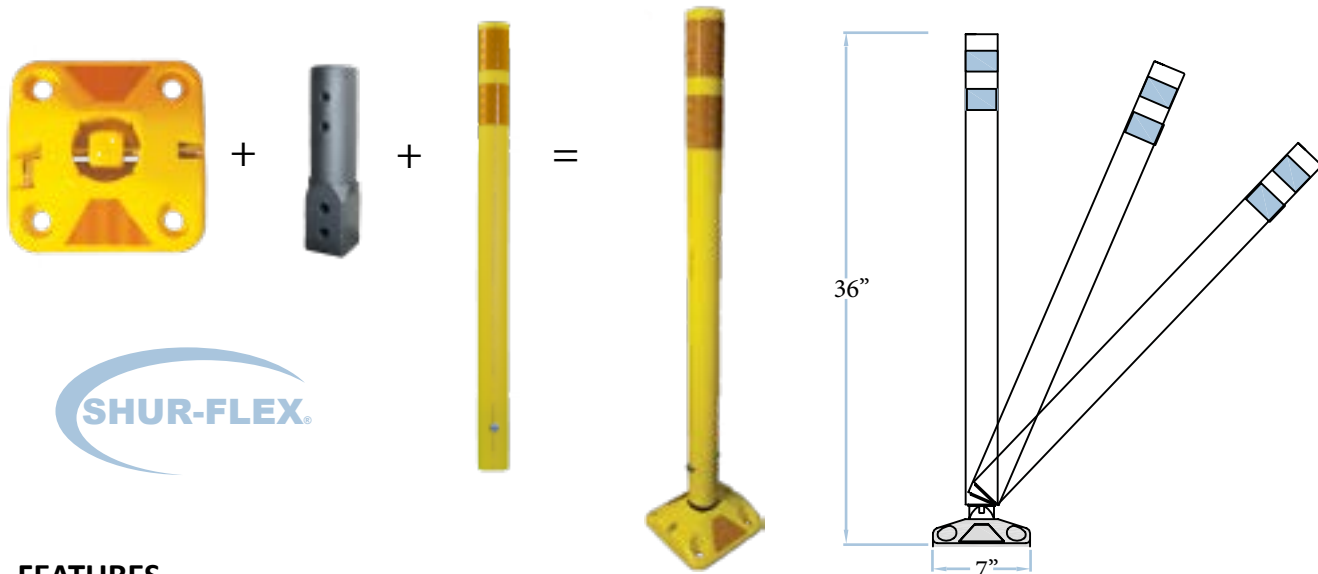
My Commission expires May 15, 2022



AFFIX SEAL HERE

NOTARY PUBLIC

Linda K. Fulkersin



FEATURES

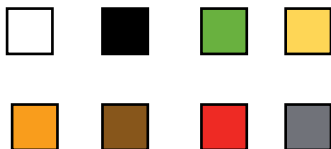
- Utilizes the patented Shur-Flex® system
- Non-mechanical flexible design is self-righting upon impact
- Multiple reflectivity options
- Multiple base options
- Premium UV added for long lasting color
- Base can be bolted or epoxied
- NTPEP tested, MUTCD compliant

SPECIFICATIONS

Shur-Flex® System - 3 Component Design

- The flexible square to round joint is a simple one piece, non-metallic molded design that withstands multiple impacts assuring long-life in corrosive environments.
- Posts are manufactured with greater wall thickness to provide structural integrity.
- Standard posts are round top providing 360° degrees of reflectivity but can be permanently sealed and partially flattened to accommodate up to a 3" x 12" piece of reflective sheeting.
- All post colors or styles are interchangeable with any product utilizing the Shur-Flex® system. Making the Shur-Flex® system the most versatile on the market today.
- Multiple base options. 7"x 7", 7"x 10", and slope base.

AVAILABLE POST COLORS



TECHNICAL INFORMATION

Post Diameter: 2.25" OD
Post Heights: 18" up to 48"
Materials: High Density Thermoplastic

AVAILABLE BASE COLORS



Office: 512.218.9500



Email: sales@shur-tite.com



www.shur-tite.com



Shur-Tite Products
PO Box 2283
Round Rock, TX 78680



May 7, 2007

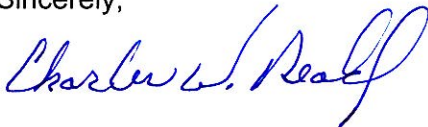
Texas Department of Transportation
Michael A. Chacon, P.E.
Traffic Engineering Section
125 E. 11th Street
Austin, TX 78701-2483

Dear Mr. Chacon,

On Wednesday, April 18, 2007, I witnessed SHUR-TITE Products crash test their Shur-Flex Surface Mount Delineator. They used 8 each; 3' tall 20% recycled tire rubber, HDPE blend post with their composite bases. The bases were attached to the surface using ½" wedge anchors. The post took 10 hits in the same direction using a 1990 Oldsmobile Ciera SL with the speed between 50 and 55 MPH. The bumper height on the car is 17". The post did not list in any direction more than 10 degrees. The reflectors used were a 3M prismatic which stayed on the posts after 10 hits with some minor scarring on the impact side.

I certify that SHUR-TITE Products met the requirements of DMS-4400 on their Shur-Flex Surface Mount Delineator in the crash test I witnessed on April 18, 2007.

Sincerely,



Charles W. Heald P.E.



The seal appearing on this document was authorized by

Charles W. Heald, P.E.
24054



P.O. BOX 2283, ROUND ROCK, TEXAS 78680 PHONE: 512-218-9500 FAX: 512-388-0417 www.shur-tite.com

Certification of Compliance: MASH Category 1 Device

The **SHUR-FLEX® Surface Mount Delineator; #SF0040**; manufactured by SHUR-TITE® Products, consists of a post, flexible insert, and a surface mounted base component. This multi-hit, self-righting, flexible delineator is certified to comply with the crash requirements of MASH, 2nd Edition Category 1 Traffic Control Device.

Certified compliance is based upon the definition of small, lightweight channelizing and delineating devices as described in the FHWA memorandum related to policy of acceptance.

The SHUR-FLEX® Surface Mount is certified to comply with the FHWA memorandum as follows:

1. The first category contains those small and lightweight channelizing and delineating devices with no attachments that have been in common use for years and are known to be crashworthy by crash testing of similar devices or years of demonstrably safe operational performance.
2. The device is allowed based on the developer's self-certification if the device:
 - A. is built to a specification for a device for which the crashworthiness has been validated by crash or surrogate testing, or
 - B. is a type of device that is being accepted as being crashworthy on the basis of crash test experience with similar devices or years of demonstrably safe operational performance.

The SHUR-FLEX® Surface Mount is comprised of a SHUR-TITE® Delineator post that has proven its safe operational performance through years of extensive field service. The addition of the SHUR-FLEX® Flexible Insert transforms the post into a more resilient product, a concept used and accepted as safe over many years. The surface base component is a durable HDPE design to be bolted or epoxied to the surface. The Flexible Insert and delineator post is then pinned onto this base. This design has proven itself in longtime similar product installations and as a breakaway footing section for countless other roadside product applications.

Certified by:

A handwritten signature in blue ink, appearing to read 'D. Heald', written over a horizontal line.

Darrell Heald
President

Document # 200550

Date of Issue: December 20, 2019

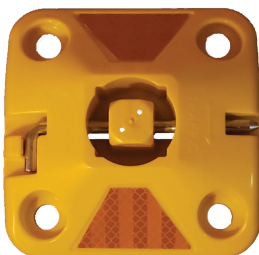


P.O. Box 2283 - Round Rock, Texas 78680
(512) 218-9500

Bolt Down for SHUR-FLEX® Surface Mount

INSTALLATION INSTRUCTIONS

- Use supplied 5/8" green nylon plugs and 1/2" X 3 1/2" hex lag bolts with washers. Using a Hammer Drill with an Industrial 5/8" diameter bit, drill 4 ea - 5/8" diameter holes 3-1/2" deep using the Base as your pattern. Blow the holes clean.
- Insert the nylon plugs into the holes so that the top of the plugs are flush with the surface of the roadway (the top of the plugs must fit flush with the surface of the roadway).
- Position the Base over the holes with plugs in place and screw the 1/2" lag bolts with the washers into the nylon plug and tighten. Use a 3/4" socket to tighten bolts snugly to a (torque rating of min 30 – max 38 ft lbs). A impact wrench is recommended, however "DO NOT OVER TIGHTEN".
- After securing the base, insert the post into the base and secure with the L-Pin.
- *The 2 middle holes may be used if placing on a narrow headwall.





2-Part Epoxy for 7X7 Base

P.O. Box 2283 - Round Rock, Texas 78680
(512) 218-9500

INSTALLATION INSTRUCTIONS

COVERAGE RATE

- Mix ratio is 1 to 1, equal parts of A & B
- Concrete: (12 oz. mixed epoxy for each base)
- Asphalt: (16 oz. of mixed epoxy for each base)
- Approximately 11ea Delineators per mixed gallon on concrete
- Approximately 8ea Delineators per mixed gallon on asphalt

ROAD SURFACE PREPARATION

All surfaces should be clean, free of dirt, dust, grease, oil or any foreign material that will prevent the proper bond of the adhesive to the surface. The surface should be structurally sound and secure. Do not apply epoxy adhesive or markers unless the road surface is dry.

BASE PREPARATION

The base should be clean and free of dirt and oil prior to flame treatment. For effective flame treating, the tip of the outer blue envelope of flame should just touch the surface of the base material. Time exposure to the flame is approximately one to two seconds. Flame treating overexposure on the plastic can deform or soften the base which can induce failures. Flame treating is NOT heat treating. The base must be expoxied the same day as flame treating.

APPLICATION OF EPOXY

Use rate of coverage shown above and place adhesive onto the base of the marker and the surface. Place the marker with the adhesive on the road surface using sufficient pressure to ensure a visible bead of adhesive is around the perimeter of the marker and **adhesive is coming up thru the holes in the base**. Ensure that epoxy covers the bolt holes.

NOTE: Do not step on markers after placement of the adhesive. simple hand pressure is all that is needed to ensure adequate performance. protect the area from traffic until the adhesive is set. Excessive pressure on markers may result in insufficient adhesive remaining under the marker.

MARKER ADHESIVE CURE TIME GUIDE

Temp. F (C)	Set Time (hrs.)
110 (43.3)	1/4 to 1/2
100 (37.8)	1/2 to ¾
90 (32.2)	1 hr. to 1-1/2 hrs.
80 (26.7)	1-1/2 hr. to 2-1/4 hrs.
70 (21)	3 to 4 hrs.
60 (15.6)	4 to 5 hrs.
50 (10)	6 to 7 hrs.

NOTE: Do not apply when the road surface or air temperature is below 50° f (10° c). Only apply when the road surface and air temperature is above 50° f (10° c) and is anticipated that it will remain above 50° f (10° c) for the following 24 hour after application. When applying at cooler temperature, precondition material to approximately 77°f (25° c) prior to application.

FOR BEST RESULTS:

- Minimum application temperature 40° F (4.4° C).
- Do not thin, solvents will prevent proper cure.
- Moisture passing through substrate by pressure during application curing of the epoxy will cause bond failure.
- Store materials at 70 - 90 degrees for 24 hours prior to use.

TEMPERATURE CONSIDERATIONS

Surface temperature and ambient temperature is quite often beyond the control of the applicator. The applicator should, however, consider the effects of temperature on the product. A product that is stored in a temperature range of 80° to 90° F (26.7-32.2° C) will thin out slightly, making it easier to hand mix. A product mixed at a warmer temperature will have a slightly shorter pot life, perhaps in the neighborhood of 6 min. but faster setting time, thus permitting the area to be opened earlier to traffic.

Product temperatures below 70° F (21° C) thickens very rapidly to a heavy paste making it difficult to mix, provides longer working time, with resulting much longer setting time and delay in opening the areas to traffic. Automatic metering in mixing equipment is the ideal way of using the products. This equipment has the ability to warm the product up to 110 ° F (43.3° C), automatically meters the correct portion and provides thorough mixing.

When applying on road surfaces when it's anticipated that the surface will be in the 50's F (10's C), it is recommended that both components be stored at 70 ° to 90 ° (25°-26.7° C) for 24 hours prior to use.



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Highways

Proc Folder: 959645

Doc Description: SURFACE MOUNTED TUBULAR MARKERS AND REPLACEMENT COMPONENTS

Reason for Modification:

Price was not
extended on item
5

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2021-10-29	2021-11-18 13:30	CRFQ 0803 DOT2200000075	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code:

Vendor Name: ARROW SAFETY DEVICE CO.

Address: 123 DIXON STREET,

Street:

City: SOLYVILLE

State: DE

Country: US

Zip: 19975

Principal Contact: DAVID SPETIK

Vendor Contact Phone: 302-816-2516

Extension: 11

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor
Signature X

FEIN# 26-3237023

DATE

11/17/21

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION**REQUEST FOR QUOTATION:**

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Division of Highways (WVDOH) to establish an open-end contract for Surface Mounted Tubular Markers and replacement components as needed. Per the Bid Requirements, Specifications, Terms and Conditions attached to this Solicitation.

INVOICE TO

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

No City
US WV

SHIP TO

STATE OF WEST VIRGINIA

VARIOUS LOCATIONS AS
INDICATED BY ORDER

No City
US WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	COMPLETE TUBULAR MARKER, WHITE POST, WHITE SHEETING	50.00000	EA	31.23	1561.50

Comm Code	Manufacturer	Specification	Model #
46161508	SHOR-TITE	SHUR-FLEX	SF0140

Extended Description:

COMPLETE SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, WHITE, TO INCLUDE POST, WHITE RETROREFLECTIVE SHEETING (APPLIED), BASE, AND POST ATTACHMENT HARDWARE.

INVOICE TO

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

No City
US WV

SHIP TO

STATE OF WEST VIRGINIA

VARIOUS LOCATIONS AS
INDICATED BY ORDER

No City
US WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	COMPLETE TUBULAR MARKER, YELLOW POST, YELLOW SHEETING	50.00000	EA	31.23	1561.50

Comm Code	Manufacturer	Specification	Model #
46161508			SF0140

Extended Description:

COMPLETE SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, YELLOW, TO INCLUDE POST, YELLOW RETROREFLECTIVE SHEETING (APPLIED), BASE, AND POST ATTACHMENT HARDWARE.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	REPLACEMENT TUBULAR MARKER, WHITE POST, WHITE SHEETING	50.00000	EA	27.56	1378.00

Comm Code	Manufacturer	Specification	Model #
46161508	SHUR-TITE	SHUR-FLEX	5F0110W

Extended Description:

REPLACEMENT SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, WHITE, TO INCLUDE POST, WHITE RETROREFLECTIVE SHEETING (APPLIED), AND POST ATTACHMENT HARDWARE.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	REPLACEMENT TUBULAR MARKER, YELLOW POST, YELLOW SHEETING	50.00000	EA	27.56	1378.00

Comm Code	Manufacturer	Specification	Model #
46161508	SHUR-TITE	SHUR-FLEX	EK364R3

Extended Description:

REPLACEMENT SURFACE MOUNTED FLEXIBLE TUBULAR MARKER, YELLOW, TO INCLUDE POST, YELLOW RETROREFLECTIVE SHEETING (APPLIED), AND POST ATTACHMENT HARDWARE.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	SURFACE MOUNTED FLEXIBLE TUBULAR MARKER BASE	50.00000	EA	7.35	367.50

Comm Code	Manufacturer	Specification	Model #
46161508	SHUR-TITE	SHUR FLEX BASE	SP0007

Extended Description:

SURFACE MOUNTED FLEXIBLE TUBULAR MARKER BASE

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Tech Questions due by 10:00am	2021-11-08

EXHIBIT A**BID SCHEDULE**

The following estimated quantities are for bid purposes only. Actual quantities will be determined by the needs of the West Virginia Division of Highways and may be increased or decreased.

Item Number	Estimated Quantity	Unit of Measure	Description	Unit Cost	Total
SURFACE Mounted Flexible Tubular Markers Category					
1	50	Each	Complete Surface Mounted Flexible Tubular Marker, White, To include post, white retroreflective sheeting (applied), base, and post attachment hardware.	31.23	1561.5
2	50	Each	Complete Surface Mounted Flexible Tubular Marker, Yellow, To include post, yellow retroreflective sheeting (applied), base, and post attachment hardware.	31.23	1561.5
3	50	Each	Replacement Surface Mounted Flexible Tubular Marker, White, To include post, white retroreflective sheeting (applied), and post attachment hardware.	27.56	1378
4	50	Each	Replacement Surface Mounted Flexible Tubular Marker, Yellow, To include post, yellow retroreflective sheeting (applied), and post attachment hardware.	27.56	1378
5	50	Each	Surface Mounted Flexible Tubular Marker Base.	7.35	367.5

	Document Phase	Document Description	Page 5
DOT2200000075	Final	SURFACE MOUNTED TUBULAR MARKERS AND REPLACEMENT COMPONENTS	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: 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 exceeds 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: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, 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: Arrow Safety Device Co.

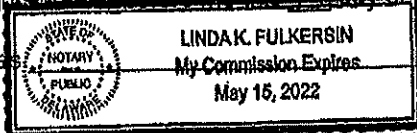
Authorized Signature: David T. Spicer Date: 11/17/21

State of Delaware

County of Sussex, to-wit:

Taken, subscribed, and sworn to before me this 19 day of Nov, 2021.

My Commission expires May 15, 2022



AFFIX SEAL HERE

NOTARY PUBLIC

Linda K. Fulkersin

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Arrow Safety Device Co. Address: 123 Dixon A.
Selbyville DE 19975

Name of Authorized Agent: David T. Speier Address: 331 Walnut Hill Dr.
Berlin, Md 21811

Contract Number: _____ Contract Description: _____

Governmental agency awarding contract: _____

☐ Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

☒ Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

☐ Check here if none, otherwise list entity/individual names below.

David T. Speier
331 Walnut Hill Drive
Berlin, Md 21811

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

☒ Check here if none, otherwise list entity/individual names below.

Signature: [Signature] Date Signed: 11/17/21

Notary Verification

State of Delaware, County of Sussex:

I, LINDA FULKERSIN, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 17 day of Nov, 2021

[Signature]

Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing Interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or *"Interested parties"* means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

DAVID SPEIER, PRESIDENT
(Name, Title)
[Signature]
(Printed Name and Title)
123 DIXON STREET SELBYVILLE DE 19975
(Address)
(302) 856-2516 x11 302-856-1549
(Phone Number) / (Fax Number)
DSPEIER@ARROWSAFETYDEVICE.COM
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

ARROW SAFETY DEVICE COMPANY
(Company)

[Signature]
(Authorized Signature) (Representative Name, Title)

DAVID SPEIER, PRESIDENT
(Printed Name and Title of Authorized Representative)

11/17/21
(Date)

(302) 856-2516 x11 302-856-1549
(Phone Number) (Fax Number)