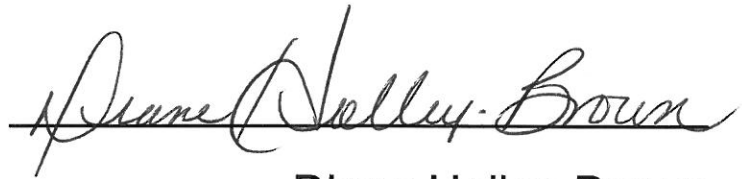


NOTICE

Please note that this bid from Form Tech Concrete Forms, Inc. for CRFQ DOT16*86 was received at the Purchasing Division office prior to the established bid opening date and time on April 21, 2016 as noted on the coversheet, but was unable to load properly through wvOASIS at the public bid opening. This bid has since been loaded and is now posted.

A handwritten signature in cursive script that reads "Diane Holley-Brown". The signature is written in black ink and is positioned above the printed name and title.

Diane Holley-Brown
Assistant Purchasing Director



April 22, 2016

April 21, 2016 1:30 PM Electronic Solicitation Responses (ESRs)

ISSUE

On Thursday, April 21, 2016 1:52 PM, the Purchasing Division contacted the wvOASIS Finance Team because five centralized solicitations closed at 1:30 PM, but no electronic solicitation responses (or “ESRs”) were received. At that time, a Finance Team member observed that the 1:30 PM sync cycle was complete and successful (See Exhibit 1). The team member also found one decentralized ESR that interfaced successfully during the 1:30 PM sync cycle (SR 0211 ESR0420160000005077; see Exhibit 2). Based on this information, the team member advised the Purchasing Division that everything appeared to be in order.

At 3:19, the Purchasing Division contacted wvOASIS again after noticing ESRs in the system relating to the five centralized solicitations: CRFQs ADJ160000020, CPR160000001, DOT160000083, DOT160000086, and DNR160000028.

Exhibit 1

Job ID	Item Type	Catalog Id	Catalog Name	Job Name	User ID	Start Time	End Time	Run Status	Return Code	
446257	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 16:31:49	04-21-2016 16:31:56	Complete	Successful	View Log
446206	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 15:31:29	04-21-2016 15:31:32	Complete	Successful	View Log
446129	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 14:29:59	04-21-2016 14:30:13	Complete	Successful	View Log
446108	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 13:29:59	04-21-2016 13:30:03	Complete	Successful	View Log
446063	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 12:29:49	04-21-2016 12:29:53	Complete	Successful	View Log
445986	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 11:29:59	04-21-2016 11:30:01	Complete	Successful	View Log
445963	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 10:29:59	04-21-2016 10:30:01	Complete	Successful	View Log
445914	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 09:29:49	04-21-2016 09:29:54	Complete	Successful	View Log
445824	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 08:29:49	04-21-2016 08:29:53	Complete	Successful	View Log
445719	System Batch	127	Load to Advantage	DAFN012701_Load_to_Advantage_127	batch	04-21-2016 07:30:19	04-21-2016 07:30:40	Complete	Successful	View Log

Exhibit 2

The screenshot displays a web-based procurement system interface. At the top, a header bar contains the text: "Solicitation Response(SR) Dept: 0211 ID: ESR04201600000005077 Ver.: 1 Function: New Phase: Final Modified by batch_04/21/2016". Below the header, there are several tabs: "General Information", "Contact", "Default Values", "Discount", and "Document Information". The "General Information" tab is active, showing the following details:

- Procurement Folder: 209322
- Procurement Type: Agency Purchase Order
- Vendor ID: 000000199924
- Legal Name: F M PLE HARDWARE CO INC
- Alias/DBA:
- Total Bid: \$1,000.00
- Response Date: 04/20/2016
- Response Time: 15:46

On the right side of the interface, the following information is displayed:

- SO Doc Code: ARFQ
- SO Dept: 0211
- SO Doc ID: GSD1600000162
- Published Date: 4/15/16
- Close Date: 4/21/16 (highlighted with a red box)
- Close Time: 13:00 (highlighted with a red box)
- Status: Closed
- Solicitation Description: Toro Lawn Mower Parts

BACKGROUND

The wvOASIS system is a web-based, enterprise-wide financial application that runs on multiple servers. When a vendor submits a Solicitation Response document in the Vendor Self Service (VSS) portal, the document remains sealed in the VSS electronic lockbox until the solicitation closing date and time are reached. Then, the responses are copied from the lockbox to the procurement folder by a synchronizing interface. The Purchasing Division is not able to access electronic solicitation responses until they are exported from the lockbox to the procurement folder. The synchronizing interfaces, or sync cycle, run every hour at the bottom of the hour, from 7:30 AM to 5:30 PM weekdays.

ANALYSIS

Members of the wvOASIS Technical Team identified the cause of the issue relating to the April 21, 2016 1:30 PM ESR documents. The system clocks on two wvOASIS servers were out of sync by a matter of seconds. This caused the 1:30 PM sync cycle to begin at 1:29 PM. Because the ESRs relating to the five centralized solicitations were not eligible to be interfaced until after their 1:30 PM closing time, they were not copied to their respective procurement folders until the completion of the 2:30 PM sync cycle. It should be noted that the decentralized ESR shown in Exhibit 2 had a closing time of 1:00 PM, making it eligible to be interfaced at 1:29 PM.

CONCLUSION

After careful review, it is our conclusion that the ESR documents relating the five centralized solicitations were received in the wvOASIS system prior to the 1:30 PM closing time and should be considered valid bids by the Purchasing Division. The specific ESR documents are:

CRFQ 0603 ADJ1600000020

Solicitation Response SR,0603,ESR04061600000004696,1
Solicitation Response SR,0603,ESR04191600000005013,1
Solicitation Response SR,0603,ESR04191600000005025,1
Solicitation Response SR,0603,ESR04201600000005072,1
Solicitation Response SR,0603,ESR04201600000005074,1
Solicitation Response SR,0603,ESR04201600000005079,1

CRFQ 0203 CPR1600000001

No solicitation responses received

CRFQ 0803 DOT1600000083

Solicitation Response SR,0803,ESR03281600000004481,1

CRFQ DOT1600000086

Solicitation Response SR,0803,ESR04201600000005078,1

Solicitation Response SR,0803,ESR04201600000005081,1

CRFQ DNR1600000028

Solicitation Response SR,0310,ESR04211600000005085,1

Solicitation Response SR,0310,ESR04211600000005092,1



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

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

List View

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

Procurement Folder: 198338

Procurement Type: Central Master Agreement

Vendor ID:

Legal Name: FORM TECH CONCRETE FORMS INC

Alias/DBA:

Total Bid: \$929.15

Response Date:

Response Time:

SO Doc Code: CRFQ

SO Dept: 0803

SO Doc ID: DOT1600000086

Published Date: 3/25/16

Close Date: 4/21/16

Close Time: 13:30

Status: Closed

Solicitation Description:

Total of Header Attachments: 0

Total of All Attachments: 0



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 198338

Solicitation Description : PREFORMED SILICON FOAM BRIDGE EXPANSION JOINT SYSTEM

Proc Type : Central Master Agreement

Date issued	Solicitation Closes	Solicitation No	Version
	2016-04-21 13:30:00	SR 0803 ESR04201600000005081	1

VENDOR

000000182029
 FORM TECH CONCRETE FORMS INC

FOR INFORMATION CONTACT THE BUYER

Sheila L Hannah
 (304) 558-4317
 sheila.l.hannah@wv.gov

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	JOINT SYSTEM 1/2" WIDE	1.00000	LF	\$10.350000	\$10.35

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 1/2" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	JOINT SYSTEM 3/4" WIDE	1.00000	LF	\$18.550000	\$18.55

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 3/4" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	JOINT SYSTEM 1" WIDE	1.00000	LF	\$27.150000	\$27.15

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 1" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	JOINT SYSTEM 1 1/4" WIDE	1.00000	LF	\$30.000000	\$30.00

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 1 1/4" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	JOINT SYSTEM 1 1/2" WIDE	1.00000	LF	\$41.500000	\$41.50

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 1 1/2" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	JOINT SYSTEM 2" WIDE	1.00000	LF	\$54.300000	\$54.30

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 2" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	JOINT SYSTEM 2 1/2" WIDE	1.00000	LF	\$68.550000	\$68.55

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 2 1/2" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	JOINT SYSTEM 3" WIDE	1.00000	LF	\$78.550000	\$78.55

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 3" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	JOINT SYSTEM 3 1/2" WIDE	1.00000	LF	\$85.750000	\$85.75

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 3 1/2" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	JOINT SYSTEM 4" WIDE	1.00000	LF	\$90.000000	\$90.00

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 4" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	JOINT SYSTEM 4 1/2" WIDE	1.00000	LF	\$95.000000	\$95.00

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 4 1/2" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
12	JOINT SYSTEM 5" WIDE	1.00000	LF	\$98.000000	\$98.00

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 5" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
13	JOINT SYSTEM 5 1/2" WIDE	1.00000	LF	\$107.150000	\$107.15

Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 5 1/2" WIDE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
14	JOINT SYSTEM 6" WIDE	1.00000	LF	\$124.300000	\$124.30

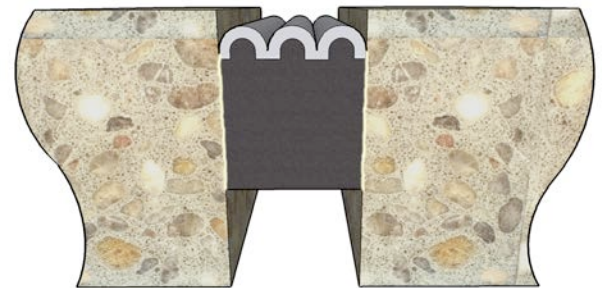
Comm Code	Manufacturer	Specification	Model #
30121715			

Extended Description : PROFORMED SILICON COATED FOAM BRIDGE EXPANSION
JOINT SYSTEM 6" WIDE

Wabo®HSeal

Pre-Compressed Horizontal Expansion Joint System

Features	Benefits
<ul style="list-style-type: none"> • Pre-Compressed 	Expands into place after installed into joint opening. Saves time and labor.
<ul style="list-style-type: none"> • UV stable polymer impregnated foam 	Acts as a secondary sealant in case the primary coating is damaged.
<ul style="list-style-type: none"> • No mechanical anchors 	Easy installation
<ul style="list-style-type: none"> • Versatile movement 	Can accommodate horizontal, vertical and skew expansion joint movements.



DESCRIPTION:

Wabo®HSeal is a pre-compressed traffic-grade silicone coated expansion joint system designed to provide a permanent weather tight seal. Primarily used in horizontal applications, the system is sealed in place with an epoxy, which allows it to accommodate horizontal, vertical, and skew expansion joint movements. The system has been designed to meet the high performance needs of State and Federal DOT projects.

Wabo®HSeal consists of a UV stable, micro-cell, polyurethane foam impregnated with a hydrophobic polymer and topped with a traffic-grade silicone coating. The impregnated foam provides a valuable secondary water tight seal in case the primary elastomeric coating is damaged. The system is supplied in pre-compressed sticks ready to be easily installed.

RECOMMENDED FOR:

- Sealing joints on bridges, parking decks, stadiums, buildings and waste water treatment facilities
- Repair and maintenance of existing joints
- Horizontal and vertical applications
- Expansion joints with varying joint widths.

PACKAGING/COVERAGE:

- Shipped in nominal standard lengths of 5 ft. (1.524 meters) pre-compressed sticks.
- Two component HSeal epoxy is supplied in two 32 oz containers.

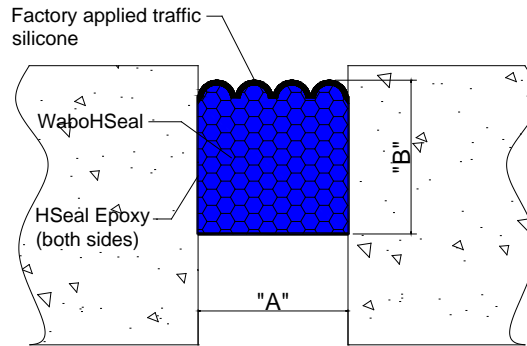
Seal Depth		Yield	
1.5"	38 mm	69 LF	21 m
2"	50 mm	55 LF	17 m
3"	75 mm	40 LF	12 m
4"	100 mm	31 LF	9.5 m



TECHNICAL DATA:

Design Information:

WaboHSeal is designed to meet the high performance needs of State and Federal DOT projects. With the use of the supplied two component epoxy adhesive, it will ensure adequate long term adhesion to the surrounding surface. While also providing a permanent, weather tight seal, eliminating costly water damage as well as allow for a greater degree of joint movement.



Model EH

Movement Table

Model Number	Joint Opening "A"						Rec. Min Install J.O.		System Depth "B"	
	Min.		Max.		Total		in	mm	in	mm
	in	mm	in	mm	in	mm				
25EH	0.50	13	1.50	38	1.00	25	0.75	19	2.00	51
40EH	0.75	19	2.25	57	1.50	38	1.25	32	2.00	51
50EH	1.00	25	3.00	77	2.00	51	1.75	44	3.00	76
65EH	1.25	32	3.75	96	2.50	64	2.25	57	3.00	76
75EH	1.50	38	4.50	115	3.00	76	2.75	70	3.00	76
90EH	1.75	44	5.25	134	3.50	89	3.25	83	3.00	76
100EH	2.0	51	6.00	153	4.00	102	3.75	95	3.00	76

Other sizes are available, contact WBA for details. Contact your WBA Representative with your special design needs.

Physical Properties (Foam Seal)

PHYSICAL PROPERTY	ASTM TEST METHOD	REQUIREMENTS
Tensile Strength, min	ASTM D3574	21 psi Min.
Ultimate Elongation	ASTM D3574	125% +/- 20%
Thermal Conductivity		0.05 W/m.°C
Temperature Stability Range		- 40°F to 185°F
Resistance to Compression Set	ASTM D3574	Max 2.5%
Density lb/ft ³ (at mean joint)		>25



Physical Properties (Exposed Silicone Seal)

PHYSICAL PROPERTY	ASTM TEST METHOD	REQUIREMENTS
Effects of accelerated weathering resilience	ASTM C793	Pass per D5893, 5000 hrs
Ultimate elongation	ASTM D412 (Die C)	≥ 600%
Tensile Stress@150%	ASTM D412 (Die C)	28 psi%

APPLICATION

Installation Summary:

- Store indoors at room temperature. Expansion of WaboHSeal is quicker when warm and slower when cold. When installing WaboHSeal in extreme heat, store in a cool place to give the installer sufficient time for placement.
- Cut the shrink wrap and remove the masonite strapping from the WaboHSeal, and remove the white release paper from both sides of the stick.
- Apply a thin bead of epoxy on inside face of joint opening where the material will be in contact with the concrete slab.
- Place WaboHSeal in the joint and recess at least 1/4" from the top of the finished surface.
- At splice locations apply a thin bead of sealant that will blend into the elastomeric at the exterior face.
- If WaboHSeal is subject to high heel foot traffic it should be covered with a plate.
- Installation Instructions are available from Watson Bowman Acme and are included with the material.

Related Documents:

- Material Safety Data Sheet
- WaboHSeal Specification
- WaboHSeal Sales Drawings
- WaboHSeal Installation Procedure

For Best Results:

- Surfaces to be sealed must be sound, dry, clean and free of oil, grease, laitance, rust and other foreign material that would prevent proper adhesion.
- Excessive moisture will defeat the self-adhesive application advantage of the tape but will not lessen the effectiveness of the expanded material as a seal.
- Remove dirt and other loose particles.
- Do not install if the joint's anticipated movement will exceed the seal's movement range.
- Periodically inspect the applied material and repair localized areas as needed. Consult a Watson Bowman Acme representative for additional information.
- Make certain the most current version of the product data sheet is being used. Please consult the website (www.wbacorp.com) or contact a customer service representative.
- Proper application is the responsibility of the user. Field visits by Watson Bowman Acme personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

LIMITED WARRANTY:

Watson Bowman Acme Corp. warrants that this product conforms to its current applicable specifications. WATSON BOWMAN ACME CORP. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. The sole and exclusive remedy of Purchaser for any claim concerning this product, including, but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of Watson Bowman Acme Corp. Any claims concerning this product shall be submitted in writing within one year of the delivery date of this product to Purchaser and any claims not presented within that period are waived by Purchaser. IN NO EVENT SHALL WATSON BOWMAN ACME CORP. BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDES LOSS OF PROFITS) OR PUNITIVE DAMAGES. Other warranties may be available when the product is installed by a factory trained installer. Contact your local Watson Bowman Acme representative for details. The data expressed herein is true and accurate to the best of our knowledge at the time published; it is, however, subject to change without notice.

Contact

Watson Bowman Acme Corp. 95 Pineview Drive, Amherst, NY 14228
phone: 716-691-7566 / fax: 716-691-9239 / web site: <http://www.wbacorp.com>

WaboHSeal_9/15

SPECIFICATION
Section 05800, 07900

Wabo®HSeal
Model - "EH"
Horizontal Expansion Joint System

PART 1 - GENERAL

1.01 Work Included

- A. The work shall consist of furnishing and installing expansion joints in accordance with the details shown on the plans and the requirements of the specifications. The joints are proprietary designs utilizing polyurethane foam impregnated with a waterproof polymer.
- B. Related Work
 - Masonry
 - Precast concrete
 - Cast-in-place concrete
 - Curtain Walls
 - Metal Cladding
 - Sealants and caulking
 - Exterior insulation and finish systems

1.02 Submittals

- A. Template Drawings - Submit typical expansion joint cross-section(s) indicating pertinent dimensioning of opening, profile recess and adjacent construction.

1.03 Product Delivery, Storage and Handling

- A. Deliver products in each manufacturer's original, intact, labeled containers and store under cover in a dry location until installed. Store off the ground, protect from weather and construction activities.

1.04 Acceptable Manufacturer

- A. All joints shall be as designed and manufactured by Watson Bowman Acme Corp., 95 Pineview Drive, Amherst, New York 14228.
- B. Alternate manufacturers and their products will be considered, provided they meet the design concept and are produced of materials that are equal to or superior to those called for in the base product specification.
- C. Any proposed alternate systems must be submitted and receive approval 21 days prior to the bid. All post bid submittals will not be considered. This submission shall be in accordance with MATERIALS AND SUBSTITUTIONS.
 - Any manufacturer wishing to submit for prior approval must provide the following:
 1. A working 4" sample of the proposed system with a letter describing how system is considered superior to the specified system.

2. A project proposal drawing that illustrates the recommended alternate system installed in the vertical construction that is specific to the project. Typical catalog cut sections will not be considered.
3. Any substitution products not adhering to all specification requirements within, will not be considered.

1.05 Quality Assurance

- A. Manufacturer: Shall be ISO-9001:2008, RC14001:2008 certified and shall provide written confirmation that a formal Quality Management System and Quality Processes have been adopted in the areas of, (but not limited to) engineering, manufacturing, quality control and customer service for all processes, products and their components. Alternate manufacturers will be considered provided they submit written proof that they are ISO 9001:2000 certified prior to project bid date. Manufacturers in the process of obtaining certification will not be considered.
- B Manufacturer: Shall have a minimum ten (10) years experience specializing in the design and manufacture of Bridge/Highway and Parking OAS Expansion Control Systems.

PART 2 - PRODUCT

2.01 General

- A. Provide flexible profile manufactured from open-cell polyether urethane foam with a factory applied Traffic grade silicone membrane coating designed to provide protection against moisture and water intrusion on horizontal surfaces. Profile shall be capable of providing a minimum of plus or minus 50% building movement and accommodate moderate variations in width of opening, complex directional change transitions and resist ultraviolet degradation. Profile shall be installed without use of invasive anchor systems.

Provide Wabo®HSeal – Model “EH” as manufactured by Watson Bowman Acme Corp. and as indicated on drawings for Horizontal expansion joint locations.

2.02 Materials

- A. Seal - Profile shall be preformed and manufactured from a polyurethane impregnated with a waterproof polymer sealing compound that meets ASTM 518, ASTM 283 and DIN 18542. The profile shall meet the requirements of the properties listed in the table below.

Physical Properties

Density, lb/ft³ (at mean joint)
 Thermal Conductivity
 Temperature Stability Range
 Bleeding
 Tensile Strength
 Ultimate Elongation
 Resistance to Compression Set
 Shear Strength
 Mildew Resistance
 Staining

Results

>25
 0.05 W/m.°C
 -40°F to 185°F
 None at 185°F at 20%
 ASTM D3574, 21 psi Min.
 ASTM D3574 125% ±20%
 Max 2.5%
 Min. 8N/cm²
 Excellent
 None

2.03 Fabrication

- A. Seal profile shall be shipped in nominal five-foot standard lengths in manufacturer's standard shipping carton. Seals shall be cut to length on jobsite where required for straight lengths or directional change transitions utilizing appropriate tools, saws and miter boxes. All cuts shall be accurately measured and completed in a neat and workmanlike manner to ensure quality work.

2.04 Finishes

- A. Seals - Standard color offering: Gray.

PART 3 - EXECUTION

3.01 Installation

- A. Where indicated and noted on the contract drawings, install seal profiles in a neat workmanlike manner. All surfaces to receive seals shall be free from dirt, water, frost and any loose foreign debris that may be detrimental to effective joint sealing.
- B. Installation contractor shall verify that seal profile is to be installed in the proper width opening for the appropriate temperature at time of installation. Variations in width or incorrect opening that may affect proper installation and product performance shall be brought to the attention of the architect and product manufacturer prior to installation.
- C. Install seal profiles in strict accordance with the manufacturer's typical details and installation procedure p/n 20243 in conjunction with the advice of their qualified representative.

3.02 Clean and Protect

- A. Protect seal profile during construction. After work has been completed in the adjacent areas, clean exposed surfaces with a mild cleaner that will not harm or attack the elastomeric membrane coating.

EXHIBIT A
Pricing Page

Item Number	Quantity	Unit of Measure	Description	Unit Price	Extended Amount
1	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 1/2" Wide	\$10.35	\$10.35
2	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 3/4" Wide	\$18.55	\$18.55
3	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 1" Wide	\$27.15	\$27.15
4	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 1 1/4" Wide	\$30.00	\$30.00
5	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 1 1/2" Wide	\$41.50	\$41.50
6	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 2" Wide	\$54.30	\$54.30
7	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 2 1/2" Wide	\$68.55	\$68.55
8	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 3" Wide	\$78.55	\$78.55
9	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 3 1/2" Wide	\$85.75	\$85.75
10	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 4" Wide	\$90.00	\$90.00
11	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 4 1/2" Wide	\$95.00	\$95.00
12	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 5" Wide	\$98.00	\$98.00
13	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 5 1/2" Wide	\$107.15	\$107.15
14	1	LINEAR FOOT	Preformed Silicon Coated Foam Bridge Expansion Joint System 6" Wide	\$124.30	\$124.30
Grand Total					\$929.15

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 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 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: Form Tech Concrete Forms Inc.

Authorized Signature: *[Signature]* Date: 4-19-16

State of West Virginia

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 19 day of April, 2016

My Commission expires March 29, 2021.

AFFIX SEAL HERE

NOTARY PUBLIC *[Signature]*

Purchasing Affidavit (Revised 08-01-2015)



VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. **Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
- Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification;
- Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or**,
- Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,

2. **Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

3. **Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or**,

4. **Application is made for 5% vendor preference for the reason checked:**

- Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,

5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,

6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**

- Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: FORM TECH

Signed: [Signature]

Date: 4-20-16

Title: REGIONAL MANAGER

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.