

The following documentation is an electronicallysubmitted 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.

NOASIS	Jump to: PRCUID 🟦 Go 🕼 Home 🌮 Personalize 🚳 Accessibility 🛜 App Help 🌾 About
ome, Lu Anne Cottril	Procurement Budgeting Accounts Receivable Accounts Payable
citation Response(SR) Dept: 0439 ID: ESR1206190000003409 Ver.: *	1 Function: New Phase: Final Modified by batch , 12/10/2019
Header 🗓 4	
	⊟ List View
General Information Contact Default Values Discount Document	nt Information
Procurement Folder: 651935	SO Doc Code: CRFQ
Procurem ent Type: Central Purchase Order	<b>SO Dept:</b> 0439
Vendor ID: VS000019029	SO Doc ID: EBA200000014
Legal Name: Dielectric LLC	Published Date: 12/2/19
Alias/DBA:	Close Date: 12/10/19
Total Bid: \$57,365.83	Close Time: 13:30
Response Date: 12/09/2019	Status: Closed
Response Time: 6:55	Solicitation Description: Addendum No.02; MEDIUM POWER FMANTENNA
	Total of Header Attachments: 4
	Total of All Attachments: 4



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

#### State of West Virginia Solicitation Response

Proc Folder: 651935 Solicitation Description:Addendum No.02; MEDIUM POWER FM ANTENNA Proc Type:Central Purchase Order						
Date issued	Solicitation Closes	Solicita	tion Response	Version		
	2019-12-10 13:30:00	SR	0439 ESR1206190000003409	1		

VENDOR					
VS0000019029	)				
Dielectric LLC					
Solicitation N	lumber: CRFQ 04	EBA200000014			
Total Bid :	\$57,365.83	Response Date:	2019-12-09	Response Time:	06:55:56

**Comments:** Offered terms are 50% with order with balance net 30 after shipment. Note: payment terms may be subject to negotiation.

FOR INFORMATION CONTACT THE BUYER					
Guy Nisbet					
(304) 558-2596					
guy.l.nisbet@wv.gov					
Signature on File	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	Medium POWER FM ANTENNA	1.00000	EA	\$57,365.830000	\$57,365.83
Comm Code	Manufacturer	Specification		Model #	
43221703					
Extended De	scription : Medium POWER UHF T	V TRANSMIT ANT	ENNA		

**Comments:** Ref. quote 900239CMZ which has breakdown of pricing. Upon award, Commercial General Liability Insurance will be furnished in the amount specified.



Department of Administration, Purchasing Division 2019 Washington Street East Charleston, WV 25305-0130 Dec 6, 2019

Attention: Guy Nisbet RE: RFQ# EBA2000000014 – Medium Power FM Antenna

Mr. Nisbet,

Thank you for the opportunity to respond to the West Virginia, WVBY-FM Antenna Project. We are pleased to offer the following proposal for your review.

Since our inception in 1942, Dielectric has considered itself a solution-oriented engineering company, with pride in our depth of knowledge and our experience in both FM and TV. Our Corporate parent Sinclair Broadcasting is one of the nation's largest TV station owners and like Dielectric, an industry leader with respect to current and future broadcast technologies.

We have included a list of any clarifications with our response. Unless specifically addressed, Dielectric takes no exception to the RFQ specifications. If any information is missing it is not intentional. We have included Dielectric's standard Terms and Conditions of Sale and Warranty, however the terms of West Virginia stated within the RFQ will take precedent.

We welcome any questions and an opportunity for any further clarification if necessary.

Kind regards,

Jav Martin

Vice President, Sales

Cc: Christine Zuba



#### CLARIFICATIONS TO WEST VIRGINIA REQUEST FOR QUOTATION CRFQ# EBA2000000014 SPECIFICATIONS

#### Sections 1 and 2

Understood

3.1.1 Comply, except where clarified as follows:

**3.1.1.1.3.4** Comply, The customer is responsible for providing all required tower details/drawings including leg diameters, face size, cross member sizes, location of any other transmission lines with the antenna aperture, and tower orientation.

**3.1.1.2.3** A pattern study at 4.4:1 scale will be conducted and supplied showing FCC compliance with the required azimuth pattern limitations.

**3.1.1.3.** The proposed transmission line is 3" flexible 50 ohm. A bill of materials is shown within. Since a dehydrator was not specified, one is not included here, however can be supplied at additional cost.

#### Sections 4 and 5

Understood and Comply

Section 6

6.1. Understood and Comply.

Section 7

Understood

#### ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: CRFQ 0439 EBA200000014

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

<u>Addendum Numbers Received:</u> (Check the box next to each addendum received)

[×	X]	Addendum No. 1	ſ	]	Addendum No. 6
þ.	×]	Addendum No. 2	[	]	Addendum No. 7
[	]	Addendum No. 3	[	]	Addendum No. 8
[	]	Addendum No. 4	]	]	Addendum No. 9
ſ	]	Addendum No. 5	I	]	Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Dielectric L	LC.
	Company
	and 1
11	Authorized Signature
December !	5, 2019
	Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing. Revised 6/8/2012



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

#### State of West Virginia Request for Quotation 04 — Audio/Video

P	roc Folder: 651935					
Doc Description: Addendum No.02; MEDIUM POWER FM ANTENNA						
P	roc Type: Central Purch	ase Order				
Date Issued	Solicitation Closes	Solicitatio	on No	Version		
2019-12-02	2019-12-10 13:30:00	CRFQ	0439 EBA200000014	3		

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

1.1.1

Vendor Name, Address and Telephone Number:

VENCOR -

Signature X All offers subject to all terms and con	FEIN #	DATE	- 10- 10-10-10-10-10-10-10-10-10-10-10-10-10-1
guy.l.nisbet@wv.gov	·····		•
Guy Nisbet (304) 558-2596			
FOR INFORMATION CONTACT THE B	JYER		

FORM ID : WV-PRC-CRFQ-001

#### ADDITIONAL INFORMATION:

#### Addendum

Addendum No.02 issued to publish and distribute the attached information to the vendor community.

\*\*\*\*\*\*

Centralized Request for Quotation (Medium - Power FM Antenna)

The West Virginia Purchasing Division is soliciting bids for the agency, The West Virginia Educational Broadcasting Authority (EBA) from qualified vendors to establish a one-time contract for the purchase of a "Medium-Power" FM Antenna, per the terms and conditions, specifications that are apart of this solicitation and attached hereto.

INVOLCE TO		SHE TO BE DE LE LA LE LA LE LA LA	
CHIEF FINANCIAL OFFICER		SITE MANAGER	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING WNPB-TV	
		191 SCOTT AVE	
BEAVER	WV25813	MORGANTOWN	WV 26505
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Medium POWER FM ANTENNA	1.00000	EA		
1					

Comm Code	Manufacturer	Specification	Model #	
43221703				

Extended Description :

Medium POWER UHF TV TRANSMIT ANTENNA

# SOLICITATION NUMBER: CRFQ 0439 EBA2000000014 Addendum Number: No.02

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

**Applicable Addendum Category:** 

- | | Modify bid opening date and time
- [ | Modify specifications of product or service being sought
- $\left[ \sqrt{\phantom{1}} \right]$  Attachment of vendor questions and responses
- [ ] Attachment of pre-bid sign-in sheet
- Correction of error
- [ ] Other

**Description of Modification to Solicitation:** 

Addendum issued to publish and distribute the attached documentation to the vendor community.

1. Vendor submitted Question and Agency response.

No other Changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

**Terms and Conditions:** 

- 1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
- 2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Revised 6/8/2012

# ATTACHMENT A

#### CRFQ EBA200000014 Medium Power UHF TV Antenna

#### Vendor submitted Questions and Agency Responses 12/02/2019

Q.1. Is this antenna going to be for a Radio Station or TV Station?

A.1. Radio station.

Q.2. What is the exact operating frequency?

A.2. 91.7 megahertz. The station is WVBY.

Q.3. While the main bid description states "Medium Power FR Antenna", why is it that most of the other parts of the bid still state Medium-Power UHF Television Transmit Antenna?

4

A.3. Our apologies for the confusion. This should read "Medium Power FM Antenna". The exact ratings are in the specifications.



**Quote Document** 

22 Tower Road Raymond, ME 04071 Tel: +1 207.655.8100 Fax: +1 2.7.655.8173 www.dielectric.com

	Quote Number	900239CMZ
	Facility ID	
r	Quote Date	12/5/2019
	Sales Person	ZUBA
	Currency	USD

Bill to: Ship to: WEST VIRGINIA PURCHASING WVBY-FM DIVISION Name and telephone number 2019 WASHINGTON ST. E. Street Address CHARLESTON, WV 25305 City, State, Zip

Payments	
Incoterms	
Freight Carrier	
Shipping Instructions	
Packing Instructions	
Governing Terms	Terms and Conditions of Sales for Broadcast or Engineering Services (Rev C. 1 January 2016)

FOR WVBY-FM 91.7 MHZ, BECKLEY, WV FOB SITE. PAYMENT TERMS: 50% WITH ORDER, BALANCE NET 30 DAYS AFTER SHIPMENT. PAYMENT TERMS MAY BE SUBJECT TO NEGOTIATION.

Line	Item	Item Description	Qty	Unit		Net Price	Extended Price
		**** ANTENNA - FM SIDE MOUNT. DCR-C6-R					
		CIRCULARLY POLARIZED DIRECTIONAL ANTENNA					
		FOR WVBY-FM 91.7 MHZ. FULL WAVELENGTH					
		SPACING. INPUT 3-1/8" 50 OHM. INCLUDES					
1	1100000077	STANDARD TOWER LEG MOUNTS	1	EA	\$	28,753.00	\$28,753.00
		FM PATTERN STUDY. CUSTOMER MUST PROVIDE					
		ALL REQUIRED TOWER					
		DRAWINGS/DETAIL/ORIENTATION WITHIN 10 DAYS			•	0 500 00	<b>*</b> 0 <b>5</b> 00 00
2	1100000077		1	EA	\$	8,500.00	\$8,500.00
2	1100000077	TRANSMISSION LINE 3-50 FLEXIBLE. 450 FT INCLUDES ITEMS 4-16	4	<b>F</b> A	¢	16 010 00	¢16 010 00
3	11000000077 11000006462	FLEXLINE 3-50 ANDREW HJ8-50B	450	EA	\$	16,212.83	\$16,212.83
4	1100000402	FLEXLINE 3-50 ANDREW HJ6-50B	400	F I			
		FLEXLINE CONN 3-50 EIA FEMALE BLOCK H8FB-302-S					
5	11000002371GP	FOR 3-50 AIR HJ8-50B CONVERTED TO GAS PASS	1	EA			
		H8ATTACH-318 HJ8-50 INSTALL KIT FOR 3-1/8" EIA					
6	400009298	CONNECTOR H8FB-302-S	1	EA			
7	11000002371	FLEXLINE CONN 3-50 GS FEMALE H8FB-302-S	1	EA			
8	R0013705508	CONN ANCHOR 3-50 W / SCALLOP INS "QS"	1	EA			
9	11000000993	FLEXLINE 3" HOISTING GRIP 26985A	4	EA			
10	11000000515	FLEX 3"HANGER BUTTERFLY 31766A-11 10PK	9	EA			
11	11000002446	FLEXLINE RMA6 31670-6 10PK	18	EA			
12	11000002447	FLEXLINE ANGLE ADPTR 10PK - 31768A	1	EA			
13	11000002449	FLEXLINE HRDW KIT 31769-1 3/8 X 1" 10PK	1	EA			
14	11000002378	FLEXLINE 3" WALL/ROOF FEED THRU 40394-2	1	EA			
15	11000000992	FLEXLINE 3-1/8" GROUND KIT 223700-724	3	EA			
16	11000002385	FLEXLINE WEATHERPROOF KIT - 221213	1	EA			
17	RFREIGHT	SHIPPING - HANDLING.	1	EA	\$	3,900.00	\$3,900.00

**Total Net Price** 

\$57,365.83

Bill to:	Ship to:	Quote Number	900239CMZ
WEST VIRGINIA PURCHASING	WVBY-FM	Facility ID	
DIVISION	Name and telephone number	Quote Date	12/5/2019
2019 WASHINGTON ST. E.	Street Address	Sales Person	ZUBA
CHARLESTON, WV 25305	City, State, Zip	Currency	USD

#### Acceptance of Quotation

By execution below, or by sending a Purchase Order referencing this proposal, the undersigned accepts this proposal to furnish equipment and services on this schedule subject to the Terms and Conditions of Sale for Broadcast and Engineering Services attached hereto and/or incorporated by reference herein, and authorizes Dielectric LLC to proceed with the procurement and fabrication of this equipment. Your acceptance of this proposal is conditioned upon your acceptance of the Dielectric LLC terms and your agreement to be bound by and comply with the Dielectric LLC terms. Dielectric LLC's failure to object to provisions contained in any Purchase Order or other document from you shall not be construed as a waiver by Dielectric LLC of the Dielectric LLC Terms or an acceptance of any such provisions. Any conflicting or additional terms or conditions set forth in a Purchase Order or other

document from you are not binding upon Dielectric LLC, and Dielectric LLC hereby expressly objects thereto. If for any reason this proposal is not accepted by Dielectric LLC any condition to an accepted order is removed. ONLY SUCH PORTION OF THE DOWN PAYMENT THAT HAS NOT BEEN COMMITTED OR SPENT WILL BE REFUNDED.

Compay Name:
Signature:
Printed Name:
Title:
Date:
Requested Date:

This requested ship date is subject to review by Dielectric. If Dielectric cannot meet the requested ship date, you will be contacted to work out a manually acceptable shipment date. Dielectric requires that the customer take ownership of the product no later than 14 calendar days after the agreed-upon ship date.

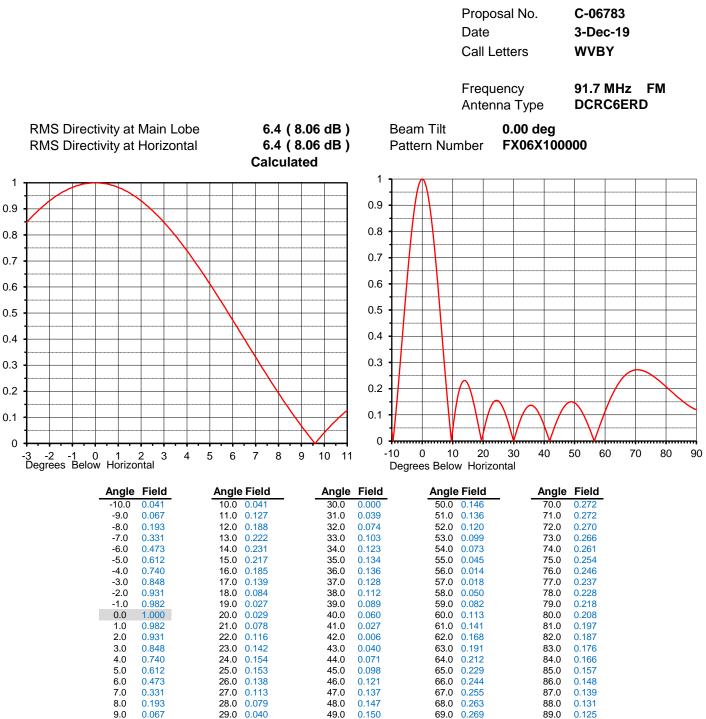
Dielectric									
Antenna Model	:	DCRC	6ERD						
Proposal Number:	C-06783	20110							
Date:	3-Dec-19								
Customer:	WV Educationa	I Broadcasti	ng						
Location:	Beckly, WV		-						
Electrical Specifications									
Polarization: Azimuth Pattern: Antenna Input: VSWR: Bandwidth: Rated Input Power:	<b>3-1/8</b> " Channel <b>40 kW</b>	50 Ohm 1.08 : 1 (16.02 dBk)	EIA/DCA Maximum A	verage Power					
		. ,		5					
Mechanical Specifications									
Mounting: Environmental Protection: Height: Weight: Effective Projected Area:	Side Mounted Full Radome 53.6 ft (16.3m) 600 lb (0.3t) 39.7 ft <sup>2</sup> (3.7m <sup>2</sup> )	Excludes M TIA-222-G		c Wind Speed:	90 m/h (144	.8 km/h)			
Channel Specifications									
· · · ·	*Pattern Study R	Required		Peak Main Lobe	Peak Main Lobe	Peak at Horizontal	Peak at Horizontal		
Call Freq	Hpol ERP	Vpol ERP	TPO	Hpol Gain	Vpol Gain	Hpol Gain	Vpol Gain		
				inpor ouni	rper eam	inper eam	Tpor Ouin		

# Dielectric

#### **ELEVATION PATTERN**

90.0

0.120

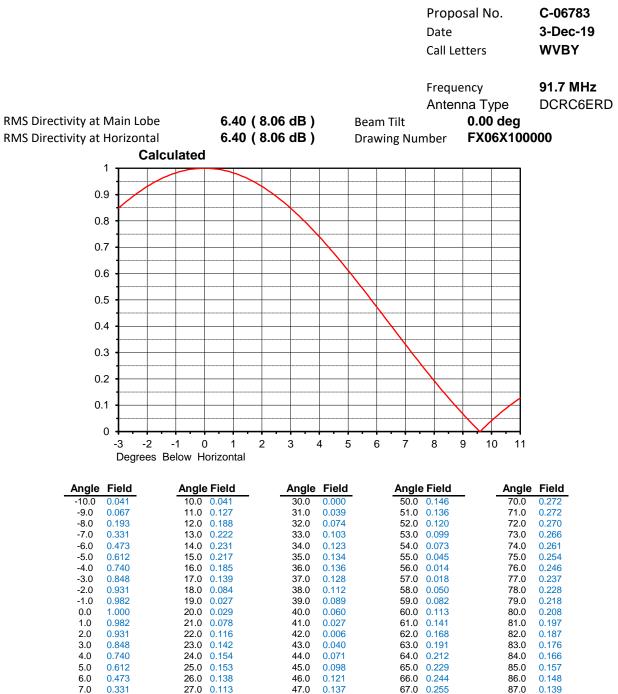


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# Trusted for Decades. Ready for Tomorrow.

# Dielectric

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48.0

49.0

0.147

0.150

68.0 0.263

69.0 0.269

88.0

89.0

90.0

0.131

0.125

0.120

8.0

9.0

0.193

0.067

28.0 0.079

29.0 0.040

# Trusted for Decades. Ready for Tomorrow.



### **MECHANICAL SPECIFICATIONS**

	↑ 0.7 ft (3.3 m) 		Date Call Freq	osal No. Letters uency nna Type	C-06783 3-Dec-19 WVBY 91.7 MHz DCRC6ERI	FM
			Preliminar	y Specific	cations	
	53.6 ft (16.3m)	Side N	lounted			
		Height A	e TIA-222-G GL(z) nd Speed		t (103.6 m) /h (144.8 km/h)	
	¥		e Class e Category ohy Category	II C 1		
		Design Ic Wind Spe		0.5 ir 40 m	n t <sub>iz</sub> = /h (64.4 km/h)	1.26 in
	<b>Mechanical Specifications</b> Height Height of Center of Radiation Effective Projected Area Weight	H2 H3 (EPA) <sub>A</sub> W	without ice 53.6 ft (16.3m) 26.8 ft (8.2m) 39.7 ft <sup>2</sup> (3.7m <sup>2</sup> ) 600 lb (0.3t)	<b>with i</b> 4 91.8 ft² (8 2100 lb	.5m²) M	lounts Excluded lounts Excluded
Antenna designed in accordance with AISC	specifications for design of structural	steel as pre	scribed by TIA-222-	G		

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ME:

CTS

EE:

3-Dec-19

Date:

Prepared by:

CAB

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