



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

Request for Quotation

RFQ NUMBER
 EBA135

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
 SHELLY MURRAY
 304-558-8801

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

WNPB-TV
 191 SCOTT AVENUE
 MORGANTOWN, WV
 26505 293-6511

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/24/2008				
BID OPENING DATE: 01/31/2008		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
----- ADDENDUM NO. 2 -----						
THIS ADDENDUM IS ISSUED TO ADDRESS QUESTIONS RAISED PRIOR TO THE QUESTION DEADLINE OF 01/03/2008						
ATTACHMENT: QUESTIONS AND RESPONSES COMPACT DISK TO BE MAILED						
THE BID OPENING DATE WILL REMAIN 01/31/2008						
0001	1	LS		840-10		
ANTENNAS AND ACCESSORIES, TELEVISION						
EXHIBIT 10						
REQUISITION NO.: EBA135						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE		TELEPHONE		DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE		

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA Business Associate Addendum -** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

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



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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
NO. 1				
NO. 2				
NO. 3				
NO. 4				
NO. 5				
<p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY 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.</p> <p>..... SIGNATURE</p> <p>..... COMPANY</p> <p>..... DATE</p> <p>----- END OF ADDENDUM NO. 2 -----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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Questions regarding the technical specifications supplied with RFQ EBA135

Overview

QUESTION: This section states that the “project will add companion digital transmitters to 7 existing analog transmitter sites”. However we did not see any specifications for transmitters in this RFQ. Please clarify whether or not the transmitter equipment is requested at this time or will be requested in a separate RFQ.

RESPONSE: This RFQ is for antennas and transmission lines only. It includes all hangers and connectors, but does not include dehydrators.

Reference Section 1 General Mechanical Specifications

1.3 Vendor shall provide mounting adapters for each antenna

QUESTION: Please clarify the definition of mounting adapter. Antennas are supplied with standard mounting flanges or standoff brackets as required. Tower interface steel is typically supplied by a tower vendor. An antenna manufacturer can supply custom interfaces if detailed tower drawings are supplied that specify the mechanical parameters of the tower at the specific tower aperture that will be occupied by the antenna. To offer a custom interface, please provide tower drawings.

RESPONSE: The vendor shall supply the mounting hardware to interface to the tower. Some of the tower manufacturers are no longer in business. Drawings are provided when available. A generic type of mount is desired, with field drilling of holes for brackets accepted.

Reference Section 2 Transmission Lines

2.1.3 Vendor shall provide all hangers, clamps, grounding kits, hoisting grips, and other hardware necessary for installation

QUESTION: Please provide tower drawings of the proposed transmission line routing that stipulate whether round member adapters or angle adapters are required. If round member adapters please note the clamping range required, i.e. 1-2 inch, 2-3 inch, 3-4 inch etc., and if the member size or type changes along the elevation of the transmission line run.

RESPONSE: Please refer to attached CD; each site has a subfolder with the type of tower and hanger type.

Reference Section 3 Specific Sites

QUESTION: Please note that throughout the bid the antenna mounting configuration is neither expressed nor implied. Are all seven antennas top mount, side mount, or inverted

mount? Are the panel antennas “wrapped around” (face mounted per face) tower faces, or required with separate mounting poles for top, side, or inverted mounting? If wrapped around the tower please provide face dimensions and proposed mounting locations.

Is electrical beam tilt required and is null fill required? Please provide vertical plane (elevation pattern) pattern requirements for each site.

RESPONSE: The type of mounting configuration is at the vendor’s discretion. All antennas will be side mounted, and “wrap around” is acceptable. No beam tilt is required.

3.4 Romney subsection 3.4.7 Directional Tabulation and subsection 3.4.8 Directional pattern

QUESTION: The pattern subsections do not stipulate pattern tabulations or directionality in the exhibit for Romney. Is the appropriate antenna required non-directional, or was the data required omitted in error?

RESPONSE: The directional pattern for Romney is omnidirectional. The pattern is provided to assure that there is information for each site.

Reference Section 5

5.1 Vendor shall provide pricing for an optional radome for each antenna

QUESTION: Please specify the type of radome requested. Some designs inherently use a radome to cover radiating elements, i.e. panel antenna elements. Are each of the seven antennas to be enclosed in a cylindrical radome? If so, how will that conflict with a panel antenna that is designed to be “wrapped around” the tower?

RESPONSE: The radome shall cover the radiating elements. This is to prevent VSWR shutdown. The entire antenna does not need to be enclosed.

QUESTION: Is the vertical length of transmission line as noted for each site measured up to the bottom or lowest point of the antenna?

RESPONSE: The vertical length is specified to the Center of Radiation of each antenna.

QUESTION: Will equivalent substitutions be permitted?

RESPONSE: Yes

QUESTION: Is 1-5/8" air transmission line required for all antennas or can a less costly size be substituted and will dehydrators be needed?

RESPONSE: 1 5/8" air dielectric transmission line shall be the standard at all sites, WV Public Broadcasting will provide pressurization- Vendor shall provide pressure windows for the connectors

QUESTION: Can any information about the towers be supplied?

QUESTION: For any of the sites where side mounted antennas are required, please confirm that WNPB can provide adequate tower details for brackets to be designed and supplied by the successful bidder.

RESPONSE: On a CD with this addendum drawings and pictures are provided, with a subfolder associated with each site

QUESTION: What establishes a winning bid?

RESPONSE: Once bids are received, they are evaluated and an award is made to the lowest responsible bidder who meets the specifications, in accordance with West Virginia Code §5A-3-11.

QUESTION: Is it correct that 'installation' of the equipment is not part of the bid scope?

RESPONSE: Installation is not within the scope of this RFQ. A separate RFQ will be released to address installation.

QUESTION: Given payment for each individual site will not take place until 'after installation', what is the installation schedule for each site? The delivery schedule is shown as between March and May 2008, however timing of the installs (and payment) is unclear.

RESPONSE: The antennas will be installed as soon as practical upon delivery. The payment process was spelled out in the bid documents, 8.1. "Upon completion of antenna site installation and verification of operation for a specific site, payment for that individual site shall be issued."

QUESTION: For any of the sites where side mounted antennas are requested, please confirm that mounting brackets are to be supplied by the bidders?

RESPONSE: Mounting brackets shall be provided by the vendor

QUESTION: Are the requested antennas, to be top mounted or side mounted at each site?

RESPONSE: Antennas shall be side mounted

QUESTION: In order to properly Section 1.1, we will need the above information for each site. If a recent structural analysis was performed for the towers, this information

typically would be the same as that used for the tower analysis. We are requesting the specific 222-G information as described above for each of the 7 sites.

QUESTION: For reference, can the Call Letters of each site be specified?

QUESTION: Since it is expected that the towers have been properly evaluated for added loads of a new antenna, can the model numbers of each antenna, that have been specified and or filed for, at each site, be provided as a reference.

RESPONSE:

Site RS-222G information

Forks of Cacapon W38EG-D

Antenna: Bogner B16UQ

RS-222-G information

Class: Class I

Exposure Category: C

Topographic Category: 2

Basic Wind Speed: Berkley County

Mathias W09CT-D

Antenna: DIE THA-MC-2/4-1

RS-222-G information

Class: Class I

Exposure Category: C

Topographic Category: 2

Basic Wind Speed: Hardy County

Parkersburg W51EG-D

Antenna: DIE TLP-8M

RS-222-G information

Class: Class I

Exposure Category: C

Topographic Category: 2

Basic Wind Speed: Wood County

Romney W27DC-D

Antenna: DIE TLP-8A

RS-222-G information

Class: Class I

Exposure Category: C

Topographic Category: 2

Basic Wind Speed: Hampshire County

Keyser W41DK-D

Antenna: DIE TUA-C3-06/18U
RS-222-G information
Class: Class I
Exposure Category: C
Topographic Category: 2
Basic Wind Speed: Mineral County

Martinsburg W08EE-D
Antenna: DIE THA-C2-2/4/1
RS-222-G information
Class: Class I
Exposure Category: C
Topographic Category: 2
Basic Wind Speed: Jefferson County

Wardensville W07DN-D
Antenna: DIE THB-C1-2/2-1
RS-222-G information
Class: Class I
Exposure Category: C
Topographic Category: 2
Basic Wind Speed: Hampshire County