



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
FOR11009

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1

ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER
304-558-2316

*709033859 304-252-4075
 TWO WAY RADIO INC
 568 HARPER PARK DR
 BECKLEY WV 25801

DIVISION OF FORESTRY
 VARIOUS LOCALES AS INDICATED
 BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
06/01/2011				

BID OPENING DATE: **06/22/2011** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 2 *****						
THIS ADDENDUM IS ISSUED TO:						
1) REPLACE THE ORIGINAL SPECIFICATIONS AND PRICING PAGES WITH THE ATTACHED REVISED SPECIFICATION AND PRICING PAGES.						
2) EXTEND THE DEADLINE FOR TECHNICAL QUESTIONS TO 06/08/2011 @ 4:00 PM. ALL TECHNICAL QUESTIONS MUST BE DIRECTED TO KRISTA FERRELL IN THE WV PURCHASING DIVISION VIA EMAIL OR FAX AT: KRISTA.S.FERRELL@WV.GOV OR FAX AT 304-558-4115. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.						
3) EXTEND THE BID OPENING DATE AND TIME TO: 06/22/2011 AT 1:30 PM						
***** END ADDENDUM NO. 2 *****						
0001	1	LS	939-72			
RADIO EQUIPMENT MAINTENANCE AND REPAIR						



SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Michael R. Bets* TELEPHONE: **304-252-4075** DATE: **6/17/2011**

TITLE: *Beckley Shop Man.* FEN: **540926996** ADDRESS CHANGES TO BE NOTED ABOVE

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

FOR11009
Bid Specifications for Narrow-band Compliance Upgrade
West Virginia Division of Forestry

The West Virginia Division of Forestry (WVDOF) wishes to update its repeater system to narrow-band compliance to meet new FCC regulations. The WVDOF also wishes to have an inventory of physical needs required to bring each repeater or control station to like-new performance. The WVDOF is NOT considering P25 compliance with this bid request.

The WVDOF owns twenty-one (21) radio repeaters and six (6) control stations as part of its repeater system. The current equipment being utilized is Motorola Quantar T-5365A. The repeaters and control stations are on a variety of state-owned and state-leased sites. The WVDOF considers the tower to be part of the repeater system.

The WVDOF utilizes P25 compliant Bendix King DPH X5102X hand held radios and Bendix King DMH 5992X mobile units with this repeater system. Compatibility with these radios and units must be maintained.

The WVDOF believes all existing repeaters and control stations have a wireline card included with the equipment. A list of repeaters and control stations and their locations is included in Attachment B; a map of the repeaters and control stations by District is included in Attachment C.

In fulfillment of this Purchase Order, the successful Vendor will be responsible for:

- Upgrading repeater and control station software to narrow-band compliance;
- Performing any necessary calibration;
- Preparing a report of physical needs for each site for repair or replacement of any components damaged by age, vermin, wear, weather, etc.;
- Providing firmware and module identification;
- Testing to ensure complete compatibility and operability.

Completion of this Purchase Order will be determined by complete compatibility and operability of the repeater system in narrow-band operation as tested by WVDOF personnel, as well as submission of the report of physical needs to the state project manager.

The inventory of physical needs for each site shall be a visual or electronic inspection, and should include items such as, but not limited to, approximate length and type of cable in need of replacement and any other components in need of repair or replacement which may be necessary to bring the repeater to like-new performance, as well as any modifications recommended for enhanced operation and extended life of the repeater.

The firmware and module identification information should include the station control board module ID, the wireline board module ID, station (backplane) ID, station control firmware version, wireline firmware version, exciter firmware version, codeplug version, exciter hardware version, UHSO hardware version, and presence of SIMM module in P651 (Y/N).

The WVDOF reserves the right to make a split award for this Purchase Order. Upgrades of repeaters and control stations in each District will be awarded to the Vendor submitting

the lowest bid for the District. Vendors may be awarded a Purchase Order for multiple Districts, based on the low bid for each District. Districts will not be split.

Vendors should submit a job cost bid for an entire District on Attachment A. The bid should include: Cost of the software upgrade; training of agency personnel in basic diagnostics of the equipment; cost of the report of physical needs; and labor and travel costs to the repeaters and control stations in the District. No separate reimbursement will be made to the Vendor for travel, training, or other expenses.

The WVDOF is also exploring the option of converting the French Creek control station (District 3) to act as both a control station and a repeater. The Vendor should include the cost to complete this conversion. This cost must include the cost of any necessary equipment and the labor to install, configure, and test the equipment. No separate reimbursement will be made to the Vendor for travel, training, or other expenses. The cost of the conversion will not be used to determine the low bid for District 3. The WVDOF reserves the right to complete this conversion outside of this Purchase Order if it is determined to be in the best interests of the WVDOF.

The Vendor must coordinate with the WVDOF state project manager or his designee on timing of site visits, installations, and testing to minimize the impact on agency duties.

Regardless of Purchase Order dates, all work should be completed by June 30, 2012, to meet FCC regulations and capture federal funding for this project.

CONFIDENTIAL INFORMATION

The WVDOF may grant Vendor and its employee's specific access to WVDOF's physical facilities, its computer network, systems/applications, and equipment and its information in various oral, written, or electronic forms as required for implementation of Purchase Order. All information disclosed or provided by the WVDOF will be considered to be Confidential Information regardless of whether it was provided before or after the date of this Purchase Order or how it was provided. Confidential Information will not include information that:

- Is generally known about the WVDOF and West Virginia State Government;
- Is now or subsequently becomes generally available to the public through no wrongful act of the Vendor;
- The Vendor rightfully had in its possession prior to the disclosure to the Vendor by the WVDOF;
- Is independently created by the Vendor without direct or indirect use of the Confidential Information; or
- The Vendor rightfully obtains from a third party who has the right to transfer or disclose it.

The Vendor may only disclose the WVDOF's Confidential Information to its employees and agents that have a need to know in relation to work they are performing under this Purchase Order.

The Vendor will access the WVDOF's and State of West Virginia's governmental facilities, computer network, systems/applications, equipment, and information only after requesting and being granted permission. Vendor must request permission from WVDOF

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ATTACHMENT A (PAGE 1 OF 2)
COST SUMMARY

On this Attachment, the Vendor should submit a job cost bid for each District on which they wish to bid. The bid price should include: Cost of the software upgrade; training of agency personnel in basic diagnostics of the equipment; cost of the report of physical needs; and labor and travel costs to the repeaters and control stations in the District. No separate reimbursement will be made to the Vendor for travel, training, or other expenses, with the exception of the noted optional French Creek control station conversion.

DISTRICT 1

Includes: Moundsville and Caddell Mountain repeaters and Idamay control station

DISTRICT 1 JOB COST \$ _____

DISTRICT 2

Includes: Cacapon Mountain, Skyline, Nathaniel Mountain, and North Mountain repeaters and Romney control station

DISTRICT 2 JOB COST \$ _____

DISTRICT 3

Includes: Stuart Knob, Cottle Knob, and Point Mountain repeaters and French Creek control station

DISTRICT 3 JOB COST \$ _____

DISTRICT 4

Includes: Gauley Mountain, Ivy Knob, Keeney Knob, Windmill Gap, and Bolt Mountain repeaters and Tams control station

DISTRICT 4 JOB COST \$ \$2,540.00

DISTRICT 5

Includes: Bee Mountain, Gartin Knob, and Mingo Mountain repeaters and Barker Ridge control station

DISTRICT 5 JOB COST \$ _____

DISTRICT 6

Includes: Salem Hill, Glenville, Chestnut Ridge, and Spencer repeaters and Sandhill control station

DISTRICT 6 JOB COST \$ _____

**FOR11009
ATTACHMENT A (PAGE 2 OF 2)
COST SUMMARY**

OPTIONAL ITEM

The following item is an option and may be included in the Purchase Order if it is determined to be in the best interests of the WVDOF:

FRENCH CREEK CONTROL STATION CONVERSION

Cost of the conversion of the French Creek control station (District 3) to act as both a control station and a repeater. This cost must include the cost of any necessary equipment and the labor to install, configure, and test the equipment.

FRENCH CREEK CONTROL STATION CONVERSION COST \$ _____