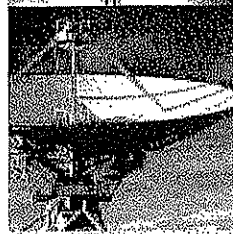


# LAUTTAMUS

COMMUNICATIONS



Department of  
Administration  
Purchasing Division

Buyer: Michael Austin  
RFQ No. 7010C006  
Bid Opening Date: 1/27/2010  
Bid Opening Time: 1:30 P.M.

- Call Center
- Order Entry
- Order Fulfillment
- Paging
- Security
- Alarm Monitoring
- Two-Way Radio
- Telephone Hotlines
- Telemetry
- Comm. Towers
- CCTV
- Access Control
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PURCHASING DIVISION  
STATE OF WV



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  
 7D10C006

PAGES  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 MICHAEL AUSTIN  
 304-558-2402

RFQ COPY  
 TYPE NAME/ADDRESS HERE  
**A.V. Lauttamus Comm. Inc.**  
**1344 Cove Hill Rd.**  
**Welton, WV 26002**

DIVISION OF HIGHWAYS  
 EQUIPMENT DIVISION  
 ROUTE 33  
 BRUSHY FORK ROAD  
 BUCKHANNON, WV  
 26201 304-472-1750

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/12/2010	Net 10	Bestway	Destination	FP-Add
BID OPENING DATE: 01/27/2010		BID OPENING TIME		01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		725-74	\$169.40	includes Battery
CONTRACT TO PROVIDE HANDHELD RADIO & DROP IN CHARGER  OPEN END CONTRACT  TO PROVIDE HANDHELD 2-WAY RADIOS TO BE PROGRAMMED AT TIME OF ORDER, MODEL VERTEX VX-231V OR EQUAL WITHOUT BATTERY, DROP IN RAPID CHARGERS MODEL VERTEX VAC - 300B OR EQUAL AND BATTERY VERTEX V104LI OR EQUAL FOR THE WEST VIRGINIA DIVISION OF HIGHWAYS PER THE ATTACHED SPECIFICATIONS.  THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.  EXHIBIT 3  LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON ..... AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Paul P. Lauttamus* TELEPHONE: 304-224-3440 DATE: 1-27-2010  
 TITLE: Vice President FEIN: 311416652 ADDRESS CHANGES TO BE NOTED ABOVE

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



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
7010C006

PAGE
2

ADDRESS: CORRESPONDENCE TO ATTENTION OF
MICHAEL AUSTIN 304-558-2402

RFQ COPY  
 TYPE NAME/ADDRESS HERE

*A.V. Lauttamus Comm.  
 1344 Cove Hill Rd.  
 Weirton, WV 26062*

DIVISION OF HIGHWAYS  
 EQUIPMENT DIVISION  
 ROUTE 33  
 BRUSHY FORK ROAD  
 BUCKHANNON, WV  
 26201 304-472-1750

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/12/2010	NET 10	Best Way	Destination	PA - Add
BID OPENING DATE:	01/27/2010	BID OPENING TIME	01:30PM	

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)</p> <p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Paul Lauttamus</i>	TELEPHONE 304-224-3440	DATE 1-27-2010
TITLE VP President	FERN 31141 6652	ADDRESS CHANGES TO BE NOTED ABOVE

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



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  
 7010C006

PAGE  
 3

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 MICHAEL AUSTIN  
 304-558-2402

RFQ COPY  
 TYPE NAME/ADDRESS HERE

*A. V. Lauttamus Comm Inc.*  
*1344 COVE Hill Rd.*  
*Weirton, WV 26062*

DIVISION OF HIGHWAYS  
 EQUIPMENT DIVISION  
 ROUTE 33  
 BRUSHY FORK ROAD  
 BUCKHANNON, WV  
 26201 304-472-1750

DATE PRINTED 01/12/2010	TERMS OF SALE <i>NET 10</i>	SHIP VIA <i>Best way</i>	FOB <i>Destination</i>	FREIGHT TERMS <i>PP-Add</i>
BID OPENING DATE: 01/27/2010		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF THE CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>REV. 05/26/2009</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: <i>7010C006</i></p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO M</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Paul Lauttamus* TELEPHONE *304-224-3440* DATE *1-27-2010*

TITLE *Vice-president* FEIN *311416652* ADDRESS CHANGES TO BE NOTED ABOVE

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



State of West Virginia  
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**Request for Quotation**

RFQ NUMBER
7010C006

PAGE
4


ADDRESS CORRESPONDENCE TO ATTENTION OF
MICHAEL AUSTIN 304-558-2402

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*A.V. Lauttamus Comm Inc.*  
*1344 Cove Hill Rd.*  
*Weirton, WV 26062*

DIVISION OF HIGHWAYS  
 EQUIPMENT DIVISION  
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 26201 304-472-1750

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/12/2010	NET-10	Best way	Destination	PP-Add
BID OPENING DATE: 01/27/2010		BID OPENING TIME		01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.  ADDENDUM NO.'S: NO. 1 ..... NO. 2 ..... NO. 3 ..... NO. 4 ..... NO. 5 .....  I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.  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.  <div style="text-align: right;">                           SIGNATURE  <i>A.V. Lauttamus Comm. Inc.</i>                          COMPANY                          1-27-2010                          DATE                     </div>						
NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE	TELEPHONE	DATE
<i>Paul Lauttamus</i>	304-224-3440	1-27-2010
TITLE	FERN	ADDRESS CHANGES TO BE NOTED ABOVE
Vice-president	311416652	

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



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
701DC006

PAGE
5

ADDRESS CORRESPONDENCE TO ATTENTION OF
MICHAEL AUSTIN 304-558-2402

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*1344 Cove Hill Rd.*  
*Weirton, WV 26062*

DIVISION OF HIGHWAYS  
 EQUIPMENT DIVISION  
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 BRUSHY FORK ROAD  
 BUCKHANNDN, WV  
 26201 304-472-1750

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/12/2010	<i>Net-10</i>	<i>Best way</i>	<i>Destination</i>	<i>PP-Add</i>
BID OPENING DATE:	01/27/2010	BID OPENING TIME		01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
WITH THE BID. REV. 09/21/2009 EXHIBIT 4 LOCAL GOVERNMENT BODIES: UNLESS THE VENDOR INDICATES IN THE BID HIS REFUSAL TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO COUNTY, SCHOOL, MUNICIPAL AND OTHER LOCAL GOVERNMENT BODIES, THE BID SHALL EXTEND TO POLITICAL SUBDIVISIONS OF THE STATE OF WEST VIRGINIA. IF THE VENDOR DOES NOT WISH TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO ALL POLITICAL SUBDIVISIONS OF THE STATE, THE VENDOR MUST CLEARLY INDICATE SUCH REFUSAL IN HIS BID. SUCH REFUSAL SHALL NOT PREJUDICE THE AWARD OF THIS CONTRACT IN ANY MANNER. REV. 3/88 NOTICE A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID						

SIGNATURE	TELEPHONE	DATE
<i>Paul D. Lauttamus</i>	<i>304-224-3440</i>	<i>1-27-2010</i>
TITLE	FERN	ADDRESS CHANGES TO BE NOTED ABOVE
<i>Vice-president</i>	<i>31 141 6652</i>	

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



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  
 7010C006

PAGE  
 6

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 MICHAEL AUSTIN  
 304-558-2402

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 TYPE NAME/ADDRESS HERE

*A.V. Lauttamus Comm. Inc.*  
*1344 Cove Hill Rd.*  
*Weirton, WV 26062*

DIVISION OF HIGHWAYS  
 EQUIPMENT DIVISION  
 ROUTE 33  
 BRUSHY FORK ROAD  
 BUCKHANNON, WV  
 26201 304-472-1750

DATE PRINTED: 01/12/2010	TERMS OF SALE: Net 10	SHIP VIA: Best way	F.O.B.:	FREIGHT TERMS: PP-Add
BID OPENING DATE: 01/27/2010		BID OPENING TIME: 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BUYER: <i>Michael Austin</i> RFQ. NO.: <i>7010 C 006</i> BID OPENING DATE: <i>1-27-2010</i> BID OPENING TIME: <i>1:30 P.M.</i>  PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: <i>304-723-1539</i>  CONTACT PERSON (PLEASE PRINT CLEARLY): <i>Paul D. Lauttamus</i>   ***** THIS IS THE END OF RFQ 7010C006 ***** TOTAL: <i>\$109.40</i>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Paul Lauttamus* TELEPHONE: *304-224-3440* DATE: *1-27-2010*

TITLE: *Vice-president* FEIN: *311416652* ADDRESS CHANGES TO BE NOTED ABOVE

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

## SPECIFICATIONS FOR HANDHELD 2-WAY RADIOS

**MIL-STD 810 C/D/E**

**BUILT TO MEET OR EXCEED THE REQUIREMENTS OF THE U.S. MIL-STD 810 STANDARDS.**

**16 CHANNELS MINIMUM**

**CTCSS/DCS ENCODE + DECODE**

**TX & RX BATTERY SAVER CIRCUIT**

**PC PROGRAMMING**

**RADIO TO RADIO CLONE FEATURE**

### MINIMUM GENERAL SPECIFICATIONS

<b>FREQUENCY RANGE</b>	<b>134 – 174 MHz (A)</b>
<b>NUMBER OF CHANNELS</b>	<b>16 CHANNELS</b>
<b>CHANNEL SPACING</b>	<b>12.5/20/25 kHz</b>
<b>PLL STEPS</b>	<b>2.5/6.25 kHz</b>
<b>BATTERY CAPACITY (w/FNB-V104LI)</b>	<b>2000 MaH</b>
<b>OPERATING TEMPERATURE RANGE</b>	<b>-22 degree F to +140 degree F (-30 degree C to +60 degree C)</b>
<b>FREQUENCY STABILITY</b>	<b>±2.5 ppm</b>



**MINIMUM RECEIVER SPECIFICATIONS**

Measurements made per EIA Standard TIA/EIA-603

**SENSITIVITY**

EIA 12 dB SINAD	.25 uV
ADJACENT CHANNEL SELECTIVITY	65 dB (25 kHz)/60 dB (12.5 kHz)
INTERMODULATION	65 dB
SPURIOUS AND IMAGE REJECTION	65 dB
AUDIO OUTPUT	500 Mw @ 4 Ohms, 5% THD

**MINIMUM TRANSMITTER SPECIFICATIONS**

Measurements made per EIA standard TIA/EIA-603

POWER OUTPUT	5/1 w
MODULATION	160K0F3E, 11K0F3E
CONDUCTED SPURIOUS EMISSIONS	65 Db Below Carrier
FM HUM & NOISE	45 Db (25kHz) 40 dB (12.5 kHz)
AUDIO DISTORTION	<3% @ 1kHz

**COST - Handheld 2-way Radios**

Vertex VX-231V without battery

\$ 169.40 ea. TK 2302 VK includes

Drop in rapid chargers Vertex Vac-300B

\$ 17.90 ea. KSC-35E *Battery charger*

Battery Vertex V104LI

\$ 36.80 ea. KNB-45L

### ORDERING INFORMATION

Orders from the WVDOH, Equipment Division may be placed by telephone and/or facsimile.

### DELIVERY REGULATIONS

~~Vendor must guarantee that he will maintain in his warehouse adequate stock to~~ supply the needs of the WV Division of Highways at all times. **ORDERS MUST NOT BE HELD BY THE VENDOR UNTIL A MAXIMUM ORDER POINT HAS BEEN REACHED. ORDERS SHOULD BE SHIPPED IN A MAXIMUM OF THREE (3) WORKING DAYS OR THE WV DIVISION OF HIGHWAYS COMMUNICATIONS SUPERVISOR MAY GO OFF CONTRACT TO PURCHASE THE PARTS ON THE OPEN MARKET AFTER 5 DAYS WITH THE APPROVAL OF THE EQUIPMENT DIVISION DIRECTOR. ALL OPEN MARKET PURCHASES MUST BE MADE IN ACCORDANCE WITH THE DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION REGULATIONS.**

A restocking charge can only be attached by the vendor with prior mutual consent.

All deliveries of merchandise and/or shipping documents at the Equipment Division must be properly marked on the outside of the carton showing the WV Division of Highways Purchase Order Number. Any material delivered without this information on the outside of cartons or documents will be returned to shipper at shipper expense.

### METHOD OF PAYMENT

Purchasing Card Acceptance; The State of West Virginia currently utilizes a Visa Purchasing Card program which is issued through a local bank. The successful Vendor must accept the State of West Virginia Visa Purchasing Card for payment of all orders placed by the West Virginia Division of Highways, Equipment Division, Buckhannon, WV as a condition of award.

For a WVDOT Purchasing Card Purchase, vendor must provide a credit receipt, sales, receipt, or cash register receipt. Vendor is not to charge until items are shipped.

Send receipts to: WV Division of Highways -- Equipment Division  
P.O. Box 610  
Buckhannon, WV 26201  
Attention: Dirk Burnside

Accepted: 

Rev. 09/08

State of West Virginia

10

**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 Resident Vendor Preference, if applicable.

1.  **Application is made for 2.5% resident 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; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; 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% resident 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% resident vendor preference for the reason checked:**  
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4.  **Application is made for 5% resident 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% resident 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% resident 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.

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) reject the bid; 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.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), 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: A.V. Lauttamus Comm. Signed: Paul P. Lauttamus  
 Date: 1-27-10 Title: Vice President

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

RFQ No. 7010C004 11

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

**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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

**WITNESS THE FOLLOWING SIGNATURE**

Vendor's Name: A.V. Lauttamus Comm. INC.

Authorized Signature: *Paul R. Pullard* Date: 1-27-10

State of West Virginia

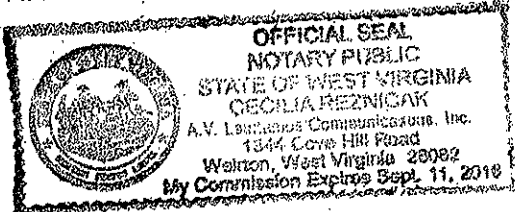
County of Hancock, to-wit:

Taken, subscribed, and sworn to before me this 27 day of JANUARY, 2010.

My Commission expires Sept 11, 2016.

AFFIX SEAL HERE

NOTARY PUBLIC *Cecilia Reznick*



## 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. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
  4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, 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.
  5. Payment may only be made after the delivery and acceptance of goods or services.
  6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
  7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
  8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
  9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
  10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
  11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
  12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
  13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.htm](http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
  14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
  15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
  16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.
- I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

### INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. 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. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. 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: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).

# KENWOOD

Listen to the Future

## TK-2302VK/3302UK

Compact VHF/UHF FM Portable Radios

FleetSync<sup>®</sup>  
by KENWOOD

### GENERAL FEATURES

- 5 W (136-174 MHz) VHF
- 4 W (450-490 MHz) UHF
- 16 Channels
- Single Priority / Normal Scan
- Transmit / Busy / Call Alert Scan / Warn LED
- 2 PF Keys
- 500 mW Speaker Audio
- Enhanced Kenwood Audio
- Companded Audio Capable
- Voice Annunciation
- VOX Ready
- Voice Inversion Scrambler Built-in
- QT / DQT
- DTMF Encode / Decode<sup>1</sup>
- Time Out Timer

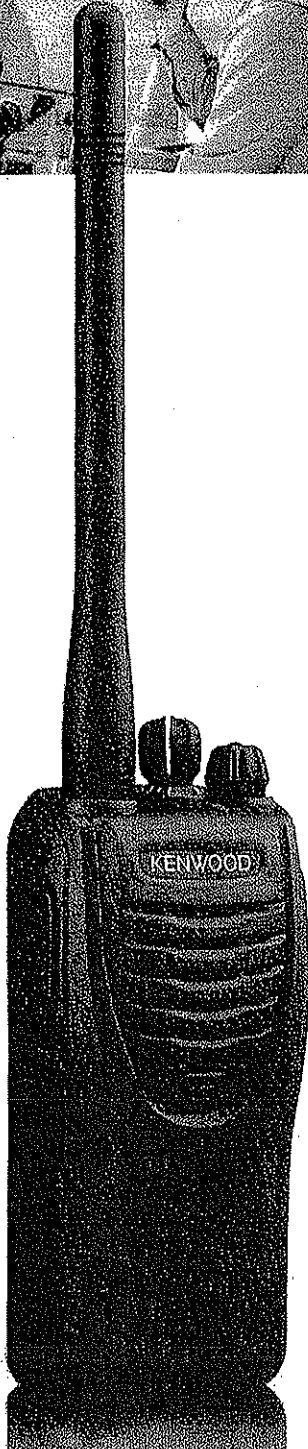
- Busy Channel Lockout
- Low Battery Warning
- Battery Saver
- Windows<sup>®</sup> Programming & Tuning<sup>2</sup>
- MIL-STD-810 C/D/E/F
- IP-54/55 Water & Dust Intrusion

### FleetSync<sup>®</sup>

- PTT ID Digital ANI
- Selective Call<sup>3</sup>

### ACCESSORIES INCLUDED

- KNB-45L Li-ion Battery
- KSC-35K 3-Hour Fast Charger
- KBH-10 Spring Action Belt Clip
- Removable Antenna



## Options

■ **KNB-45L**

Li-Ion Battery Pack (2000 mAh)

■ **KSC-35K**

Fast Charger (3-Hour)

■ **KRA-16**

VHF Stubby Antenna

■ **KRA-17**

UHF Stubby Antenna

■ **KRA-22**

VHF Low Profile Helical Antenna

■ **KRA-23**

UHF Low Profile Helical Antenna

■ **KRA-26**

VHF Helical Antenna

■ **KRA-27**

UHF Whip Antenna

■ **KMC-45**

Speaker Microphone

■ **KMC-21**

Compact Speaker Microphone

■ **KEP-2**

Earphone Kit (2.5mm plug)

■ **KHS-7**

Single-Muff Headset

■ **KHS-7A**

Single-Muff Headset with In-line PTT

■ **KHS-8BL/BE**

2-wire Palm Mic with Earphone (Black/Beige)

■ **KHS-9BL/BE**

3-wire Lapel Mic with Earphone (Black/Beige)

■ **KHS-22**

Behind-the-head Headset with PTT

■ **KHS-23**

2-wire Palm Mic

■ **KHS-25**

D-Ring Ear Hanger with PTT & Boom Mic

■ **KHS-26**

Earbud In-line PTT Headset

■ **KHS-27**

D-Ring In-line PTT Headset

■ **KMB-25**

Six Unit Charger Adapter

■ **KMB-28**

Six Unit Charger Adapter for six KSC-35K chargers

■ **KBH-10**

Belt Clip

■ **KWR-1**

Water Resistance Bag

■ **KLH-126**

Nylon Case

All accessories and options may not be available in all markets. Contact an authorized Kenwood dealer for details and complete list of all accessories and options.

## Specifications

Model	TK-2302VK	TK-3302UK
<b>GENERAL</b>		
Frequency Range		
Type 1	136-174 MHz	450-490 MHz
Number of Channels		16
Channel Spacing		
Wide/Narrow	25 kHz/12.5 kHz	
Operating Voltage	7.5V DC±20%	
Battery Life (5-5-90 during hi-power battery saver: OFF/ON)		
with KNB-45L (2000mAh)	Approx. 12 hours / 18 hours	
Operating Temperature Range	-22°F ~ +140°F (-30°C ~ +60°C)	
Frequency Stability	±2.5 ppm (-30°C ~ +60°C)	
Antenna Impedance	50 Ω	
Dimensions (W x H x D), Projections not included		
with KNB-45L	2.13" x 4.8" x 1.33" (54 x 122 x 33.8 mm)	
Weight (Net)		
Radio Only	5.6oz (160g)	
with KNB-45L	9.9oz (280g)	
FCC ID		
Type 1	ALH413500	ALH413600

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.

FleetSync™ is a registered trademark of Kenwood Corporation. Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.

Model	TK-2302VK	TK-3302UK
<b>RECEIVER (Measurements made per TIA/EIA-603)</b>		
Sensitivity (12dB SINAD)		
Wide		0.25 μV
Narrow		0.28 μV
Selectivity		
Wide		70 dB
Narrow		60 dB
Intermodulation Distortion		
Wide		65 dB
Narrow		60 dB
Spurious Response	65 dB	60 dB
Audio Output (8 Ω Impedance)	500mW with less than 10% distortion	
<b>TRANSMITTER (Measurements made per TIA/EIA-603)</b>		
RF Power Output		
High	5 W	4 W
Low	1 W	1 W
Spurious Response		
Type of Emission		
Wide	16K0F3E	
Narrow	1K0F3E	
FM Noise (EIA)		
Wide	45 dB	
Narrow	40 dB	
Audio Distortion		
Less than 5%		

## Applicable MIL-STD & IP

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II
High Temperature	501.1/Procedure I, II	501.2/Procedure I, II	501.3/Procedure I, II	501.4/Procedure I, II
Low Temperature	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I
Rain	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III
Humidity	507.1/Procedure I, II	507.2/Procedure I, III	507.3/Procedure I, III	507.4
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV
<b>International Protection Standard</b>				
Dust & Water Protection	IP54/55			

Footnotes from front:  
 1 DTMF Encode; PTT ID, Auto-Dial (8 numbers); DTMF Decode; Group Codes (A, B, C, D, H and \*) and Radio Stun.  
 2 KPG-119D required; Windows® 98/1/2000/ Me/XP/Vista compatible.  
 3 ID List capacity: 8 ID's.

\*To meet IP54/55, the 2-pin connector cover has to be connected on the radio or the locking bracket has to be attached to the KMC-45 external speaker microphone.

# KENWOOD

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