



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
DPS0938

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT 304-558-2544

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Kenwood USA Corporation
P.O. Box 22745
2201 E. Dominguez Street
Long Beach CA 90801-5745

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WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE
SOUTH CHARLESTON, WV
25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/31/2009	2%20, Net 30 Days	Surface Delivery	Destination	Prepaid
BID OPENING DATE: 06/17/2009 BID OPENING TIME 01:30PM				

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		725-74	See Price Quote Page 9	
LOW-BAND MOBILE TWO-WAY RADIO						
OPEN-END CONTRACT TO PROVIDE LOW BAND MOBILE TWO-WAY RADIOS FOR THE WEST VIRGINIA STATE POLICE, PER THE ATTACHED SPECIFICATIONS.						
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 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.						
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.						
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.						

RECEIVED

2009 JUN 17 AM 9:06

WV PURCHASING
DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	Barry Morris <i>Barry Morris</i>	TELEPHONE	(800) 752-0986, X8280	DATE	06/10/09
TITLE	Public Safety Sales Mgr	FEIN	95-2948901	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 fee.
5. 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.
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, the State may deem this contract null and void, and terminate such contract 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 Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

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 case 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: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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Department of Administration
Purchasing Division
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VENDOR

Kenwood USA Corporation
P.O. Box 22745
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Long Beach CA 90801-5745

SHIP TO

WEST VIRGINIA STATE POLICE

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25309 304-746-2141

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<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 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>						

SIGNATURE		SEE REVERSE SIDE FOR TERMS AND CONDITIONS		TELEPHONE		DATE	
Barry Morris <i>Barry Morris</i>				(800) 752-0986, X8280		06/10/09	
TITLE		FAX		ADDRESS CHANGES TO BE NOTED ABOVE.			
Public Safety Sales Mgr		95-2848901					

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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.						
REV. 05/26/2009						
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						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE Barry Morris <i>Barry Morris</i>	TELEPHONE (800)752-0986, X8280	DATE 06/10/09
TITLE Public Safety Sales Mgr	FEIN 95-2948901	ADDRESS CHANGES TO BE NOTED ABOVE

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER:		JOHN ABBOTT (32)-----				
RFQ. NO.:		DPS0938-----				
BID OPENING DATE:		06/17/2009-----				
BID OPENING TIME:		1:30 PM-----				
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
		(310) 761-8246 Fax BMorris@kenwoodusa.com Email				
CONTACT PERSON (PLEASE PRINT CLEARLY):						
		----- Barry Morris Public Safety Sales Manager Kenwood USA Corporation 2201 E. Dominguez Street, P.O. Box 22745 Long Beach CA 90801-5745				
***** THIS IS THE END OF RFQ DPS0938 ***** TOTAL:						See Grand Total Page 9

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE Barry Morris <i>Barry Morris</i>	TELEPHONE (800) 752-0986, X8280	DATE 06/10/09
TITLE Public Safety Sales Mgr 95-2948901		ADDRESS CHANGES TO BE NOTED ABOVE

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MOBILE RADIO SPECIFICATIONS FOR LOW BAND RADIO

The West Virginia State Police desires to establish an open-end contract for the purchase of mobile police/emergency radio equipment and related accessories. The contract will be available for use by other entities of state government, as well as counties and municipalities. Vendors are to use the attached Price Quotation Form. Vendors may submit a list of additional options for the equipment listed, however those items will not be considered for bid award.

EQUIPMENT SPECIFICATIONS

		Meets Spec	
		<u>Yes</u>	<u>No</u>
1. LOW BAND MOBILE RADIO EQUAL TO KENWOOD TK-690H Type 3			
		X	
1.1.	Radio shall be capable of operating in a band of 39-50 MHz with no degradation of rated specification.	_____	_____
		X	
1.2.	Radio must have at least 160 channel capacity, with 2 channel priority scan capability.	_____	_____
		X	
1.2.1.	Priority scan is defined as a scan that continues to periodically check the priority channels for activity if not already locked on one of those channels and change to the active priority channel when activity is detected.	_____	_____
		X	
1.2.2.	Scanning shall include talk back scan.	_____	_____
1.2.2.1.	Talk back scan is defined as scanning that allows the operator to talk back to a calling station that is received for a predetermined number of seconds.	X	
		_____	_____
1.2.2.2.	The transmit channel shall be the same channel as was received prior to the expiration of the talk back scan timer.	X	
		_____	_____
1.2.2.3.	This time period shall be from .1 to 5 seconds.	X	
		_____	_____
1.2.2.4.	At the expiration of this time, the receiver shall return to normal scanning.	X	
		_____	_____

		Meets Spec	
		<u>Yes</u>	<u>No</u>
1.2.2.5.	The selected transmitter channel shall then be the channel selected at the time scanning began.	X	
1.2.2.6.	The transmit channel shall be the channel that is displayed on the LCD display at the time the scan button is depressed to initiate scanning.	X	
1.3.	Radio shall have an RF Output power of 110 watts.	X	
1.4.	Alpha-numeric display of at least 12 characters shall be provided on the control head.	X	
1.5.	Control head of the unit shall have the ability to act as a light control.	X	
1.6.	Standard microphone shall be provided.	X	
1.7.	External speaker shall be provided.	X	
1.7.1.	Receiver audio stage shall be capable of a minimum of 10 watts of audio at 4 ohms impedance.	X	
1.7.2.	The speaker shall be driven by this audio amplifier and must be capable of dissipating the entire audio capability.	X	
1.7.3.	An internal speaker driven by a restricted audio source is not acceptable.	X	
1.8.	Unit shall have a programmable carrier controlled timer.	X	
1.9.	Radio shall have programmable encode and decode capability for both CTCSS tones and digital coded squelch, with a minimum of one pair of tones, not necessarily the same, for each programmed channel.	X	
1.10.	CTCSS decoder must be capable of decoding CTCSS tones of 350 Hz modulation level or less.	X	

	Meets Spec	
	<u>Yes</u>	<u>No</u>
1.11. Both transmitter and receiver must comply with all FCC requirements.	X	
	X	
1.12. A key lock shall be provided.		
1.13. Radio control head shall be remote mounted from T/R unit. A minimum of 20 feet of control cable shall be provided.	X	
	X	
1.14. Power cabling shall be at least 20 feet in length.		
	X	
1.15. Vehicular Repeater Compatibility:		
1.15.1. Radio shall be ready to interface with a Pyramid vehicular repeater. All modifications necessary shall be performed by the manufacturer prior to delivery.	X	
1.15.2. Control heads shall have the ability to provide for activation of a Pyramid vehicular repeater.	X	
1.15.3. Control head shall provide notification visual indication when the vehicular repeater is activated.	X	
	X	
1.16. Radio shall turn on and off with ignition sense and the package contain anything necessary for that to occur.		
1.17. Any radio modification required under the specification, including but not limited to jumper installation or removal, etc., must be performed prior to delivery. All modifications are to be made by the manufacturer of the equipment, NOT by vendors if bid is awarded to local vendor rather than the manufacturer.	X	
1.18. Vendor shall provide complete specification information on any products bid with their bid submission.	X	
2. PROGRAMMING SOFTWARE & HARDWARE		
2.1. All radio programming must be able to be performed on any Microsoft Windows 98/2000/XP/VISTA based computer.	X	

	Meets Spec	
	<u>Yes</u>	<u>No</u>
2.2. The vendor shall make available for purchase all programming software and cabling necessary to program all radios.	X _____	_____
2.3. All software and programming hardware shall be priced in a manner that the purchaser may buy additional quantities of these items individually.	X _____	_____
2.4. The vendor shall provide six sets of programming software and any hardware and cabling necessary for interfacing with the personal computer to the West Virginia State Police. (Proprietary programmers are not acceptable.)	X _____	_____
3. GENERAL SPECIFICATIONS AND WARRANTY	X _____	_____
3.1. One complete operating manual shall be provided for every piece of equipment purchased.	X _____	_____
3.2. Schematics will be available for all equipment purchased. A minimum of 7 complete depot level service/repair manuals will be provided to the West Virginia State Police.	X _____	_____
3.3. All items are to be available for purchase separately and each item is to be individually priced.	X _____	_____
3.4. All features that are placed in the radio by way of programming or feature encoding will remain for the life of the radio. Any lost feature information (ie. # of channels, type of radio, etc) will be replaced at no charge for the life of the radio.	X _____	_____
3.5. All equipment shall be warranted for a minimum period of at least 3 year, including parts and labor.	X _____	_____
3.6. The equipment warranty period shall begin when the equipment is first placed in service.	X _____	_____
3.7. Winning vendor must provide written certification from the manufacturer that they are authorized dealers of this equipment.	X _____	_____

PRICE QUOTATION

Item 1.0, Low Band Radio

\$ 1,408.80

Specify Make Kenwood Model# TK-690HBK3, KCH-11, KRK-5, KCT-22M3,
KCT-23M4, KMB-9, KMC-27, KES-5, KCT-18,
L-891, L-858, L846, L-862, KLF-2

Item 2.0 Programming Software and cables

(A) Radio Programming Software \$ 68.50(B) Radio Programming Interface & Cable \$ 114.50TOTAL: \$ 1,591.80

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,
 XXXX _____ 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: Kenwood USA Corporation

Signed: Barry Morris

Barry Morris

Date: 06/10/09

Title: Public Safety Sales Manager

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

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: 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.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

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 materials, 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.

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, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, 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.

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>.

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.

Vendor's Name: Kenwood USA Corporation

Authorized Signature: Barry Morris  Date: 06/10/09

State Of West Virginia
Low-Band Mobile Two-Way Radio
Request For Quotation
Number DPS0938

Due: June 17, 2009 at 1:30 PM




KENWOOD

June 11, 2009

Mr. John Abbott
West Virginia State Police
4124 Kanawha Turnpike
South Charleston, WV 25309


Dear Mr. Abbott,



Kenwood USA Corporation would like to thank you and your staff for the opportunity to respond to your Request for Quotation for Low-Band Mobile Two-Way Radios, DSP0938. Kenwood has been producing and distributing high quality two-way radio equipment worldwide since 1946.

Kenwood is an ISO 9001 & JQA-1205 certified company and all of our radios are designed, engineered and produced at Kenwood's own manufacturing facilities by Kenwood employees. The radio equipment offered in this proposal is currently in use by several Federal agencies and many state and local agencies throughout the country.

With this response we have included specification sheets and service manuals for the equipment represented in our proposal. We have also included a unique price page that lists many options for the equipment that were not requested in your RFQ. We believe that by making our entire TK-690HBK radio product line available through this proposal, the State and local agencies in West Virginia will have access to options for their equipment that will serve them best and we request that this price page be accepted as part of any contract award based on this quotation.



Kenwood recognizes West Virginia Code 5A-3-37 related to preferences offered to qualified bidders. We understand the importance of acknowledging local businesses and enticing them to participate in State business. Kenwood also values the expertise and responsiveness of local businesses and understand they have a vested interest in the project.


Kenwood USA Corporation currently works directly with ten Authorized Kenwood Sales and Service Centers, "affiliates" throughout the State of West Virginia. Each of these affiliates have been in business in West Virginia for many years and cumulatively employ well over 100 sales and support professional who are residents of West Virginia. It is Kenwood's intension to utilize these affiliate companies to support the anticipated contract award from this proposal.

We will empower our dealer affiliates to act as our agent, communicate with agencies, articulate the agencies needs and act as liaison for Kenwood in support of the contract. We will financially compensate our dealer affiliates for their involvement and continued product support to agencies on a local level. We support the idea of local communications professionals supporting local public safety communications needs supported by a capable national corporation and qualified vendor. The practice described will also contribute to the State economy by way of contributing to employee salaries across our dealer network. Based on this support model, Kenwood is applying for, and requests preference based West Virginia Code 5A-3-37 as indicated in our response.

Kenwood USA Corporation is compliant with all Terms and Conditions of the RFQ and meet all of the radio equipment specifications.

We look forward to discussing this quotation in detail. We are eager to support the State of West Virginia and partner with our dealers to fulfill the needs of all State and local agencies. If you or your staff have any questions or comments, please do not hesitate to contact me at (800) 752-0986, X8280 or via my cellular telephone at (310) 779-1381. Again, thank you for the opportunity to provide this quotation.

Respectfully,

A handwritten signature in cursive script that reads "Barry Morris".

Barry Morris

Public Safety Sales Manager

KENWOOD USA CORPORATION

Options

KMC-9B

Desktop Microphone



KMC-27

Microphone
(MIL-SPEC noise-canceling)



KMC-28

Keypad Microphone
(MIL-SPEC noise-canceling)



KCT-18

Ignition Sense Cable



KCT-22

Remote Control Cable



KCT-23

DC Power Cable



KES-5

External Speaker (20W)



KCH-10

Basic Remote
Control Head



KCH-11

Full-Featured Remote
Control Head



KRK-5

Single Control Head Remote Kit

KRK-6DH

Dual Control Head Remote Kit

KRK-7DB

Dual Band Remote Kit

KRK-8DBH

Dual Band & Dual Control Head Remote Kit



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-690H	TK-790H	TK-790	TK-890H	TK-890
GENERAL					
Frequency Range					
Type 1	29.7-37.0 MHz	148-174 MHz	148-174 MHz	450-480 MHz	450-490 MHz
Type 2	35.0-43.0 MHz		136-156 MHz		480-512 MHz
Type 3	40.0-50.0 MHz				403-430 MHz
Number of Channels	160				
Channel Spacing					
Wide	20 kHz	25, 30 kHz	25, 30 kHz	25 kHz	25 kHz
Narrow		12.5, 15 kHz	12.5, 15 kHz	12.5 kHz	12.5 kHz
Channel Step	5 kHz	2.5/5/6.25/7.5 kHz	2.5/5/6.25/7.5 kHz	5/6.25 kHz	5/6.25 kHz
Operating Voltage	13.4 V DC \pm 15%	13.4 V DC \pm 15%	13.6 V DC \pm 15%	13.4 V DC \pm 15%	13.6 V DC \pm 15%
Current Drain					
Standby	< 0.6 A	< 0.6 A	< 0.6 A	< 0.6 A	< 0.6 A
Receive	< 2.2 A	< 2.2 A	< 2.2 A	< 2.2 A	< 2.2 A
Transmit	< 25 A	< 25 A	< 12 A	< 28 A	< 12 A
Duty Cycle	Transmit: 20%				
Operating Temperature Range	-22°F ~ +140°F (-30°C ~ +60°C)				
Frequency Stability					
(-22° F - +140° F)	\pm 0.0005%	\pm 0.0002%	\pm 0.0002%	\pm 0.0002%	\pm 0.0002%
Antenna Impedance	50 Ω				
Dimensions (W x H x D)					
(w/ KCH-10)	7x2-1/4x14 1/8in. (178x60x360 mm)	7x2-1/4x14 1/8in. (178x60x360 mm)	7x2-1/4x9 in. (178x60x228 mm)	7x2-1/4x14 1/8in. (178x60x360 mm)	7x2-1/4x9 in. (178x60x228 mm)
Weight (net)	7.9 lbs. (3.6kg)	7.9 lbs. (3.6kg)	5 lbs. (2.3kg)	7.9 lbs. (3.6kg)	5 lbs. (2.3kg)
FCC ID					
Type 1	ALH22923110	ALH22933210	ALH22933110	ALH22943210	ALH22943110
Type 2	ALH22923120		ALH22933120		ALH22943120
Type 3	ALH22923130				ALH22943130
IC Certification					
Type 1	282195519A	282195450A	282195451A	282195446A	282195447A
Type 2	282195532A		282195510A		
Type 3	282195520A				
RECEIVER (Measurements made per EIA/TIA-204-D)					
Sensitivity					
(12dB SINAD)	0.25 μ V	0.25 μ V	0.25 μ V	0.25 μ V	0.25 μ V
(20dB Quieting)	0.35 μ V	0.35 μ V	0.35 μ V	0.35 μ V	0.35 μ V
Selectivity					
Wide	85 dB	85 dB	85 dB	85 dB	85 dB
Narrow		80 dB	80 dB	77 dB	77 dB
Intermodulation Distortion					
Wide	80 dB	80 dB	80 dB	80 dB	80 dB
Narrow		75 dB	75 dB	75 dB	75 dB
Spurious Response	90 dB	90 dB	90 dB	90 dB	90 dB
Audio Output	13W at 4 with less than 5% distortion (12W 4 with less than 3% distortion)				
TRANSMITTER (Measurements made per EIA/TIA-152-C)					
RF Output Power	110-45 W	110-45 W	45-5 W	100-40 W (75-40W in 470-480 MHz)	40-5 W
Type of Emission					
Wide	16K0F3E	16K0F3E	16K0F3E	16K0F3E	16K0F3E
Narrow		11K0F3E	11K0F3E	11K0F3E	11K0F3E
Spurious Response	80 dB	80 dB	80 dB	80 dB	80 dB
FM Hum & Noise					
Wide	55dB	53dB	53dB	50dB	50dB
Narrow		47dB	47dB	44dB	44dB
Microphone Impedance	600 Ω				
Audio Distortion	Less than 2% at 1000 Hz				

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.

LTR® is a registered trademark of Transcrypt International.

All other trademarks are property of their respective owners.

Applicable MIL-STD

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 II, III	507.3/Procedure II, 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

* Control head only

Footnotes from Front:

- Two-Tone Decode (3 sets x 2 pairs each); Operator Selectable Tone (16 QTDDT code pairs)
- DTMF Encode: PTT ID, Emergency ANI, Manual Encode (KMC-28), Auto-Dial (9 numbers); DTMF Decode: Primary/secondary ID, Stun (a.k.a. dead beat disable)
- Encryption/ANI Board: PCB lands for wire harness connectors.
- Intercom: Dual Head & Dual Head/Dual Band remote mounts only
- KCT-18 ignition sense option required.
- DB-25 ACC. I/O's for dispatch consoles, desktop remotes, vehicle intercom/PA units, motorcycle PTT/headset kits, PC Laptop I/Data Modems, GPS/AVL Modems.
- KPG-44D Software required (Windows®98/NT/2000/Me/XP compatible)

KENWOOD

Kenwood U.S.A. Corporation
Communications Sector Headquarters
3970 Johns Creek Court, Suite 100, Suwanee, GA 30024-1265

Order Administration/Distribution
P.O. BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745

Kenwood Electronics Canada Inc.
Canadian Headquarters and Distribution
6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8



ISO9001 Registered
Communications Equipment Division
Kenwood Corporation
ISO9001 certification

ADS44007 Printed in USA

KENWOOD

Listen to the Future



TK-690/790/890

VHF/UHF FM Mobile Radios

FleetSync®
by KENWOOD

GENERAL FEATURES

- 45W & 110W (136-156, 148-174 MHz)
- 40W (403-430, 450-490, 480-512 MHz)
- 110W-75W (450-480 MHz)
- 110W (29.7-37.0, 35.0-43.0, 40.0-50.0 MHz)
- 160 Channels
- Dual Priority Scan
- Single / Multi Group Scan
- QT / DQT
- Operator Selectable Tone
- Two-Tone Decode¹
- DTMF Encode/ Decode / Stun²
- Encryption / ANI Board Control³
- Emergency Call Features
- Companded Audio
- Intercom⁴
- Public Address
- Time Out Timer
- Busy Channel Lockout
- Ignition Sense⁵
- Timed Power Off
- DB-25 Accessory Connector⁶
- 7 Programmable AUX Inputs⁶

- 6 Programmable AUX Outputs⁶
- Windows® Programming & Tuning⁷
- Windows® Firmware Uploading⁷
- Panel Tuning
- Cloning
- MIL-STD-810 C/D/E/F
- MIL-Spec Noise-Cancel Mic (included)
- MIL-Spec 12-Key DTMF Mic Option

FleetSync®

- PTT ID Digital ANI
- Emergency Status

MOUNTING CONFIGURATIONS

- Dash Mount
- Single Head Remote Mount
- Dual Head Remote Mount
- Dual Band Remote Mount
- Dual Head / Dual Band Remote Mount

FRONT PANELS / CONTROL HEADS

- Backlit Dot Matrix LCD
- 3-Digit Sub-Display
- Function/Status LCD Icons

- Transmit LED
- Busy, Call Alert, Warn LED
- LCD Dimmer Control
- Power On/Off Switch
- Rotary Volume Knob
- Rotary Selector Knob
- Backlit Keys
- PF Key Label Inserts
- Microphone Jack
- MILSTD 810 512.X Driven Rain

KCH-10 FRONT PANEL

- 8-Character Alphanumeric Aliases
- 5 PF Keys
- UP/DOWN Keys
- Built-in Front Speaker

KCH-11 FRONT PANEL

- 14-Character Alphanumeric Aliases
- 13 PF Keys
- UP/DOWN Keys
- External Speaker Required



Kenwood Authorized Dealer Affiliates

A.V. Luttamus Communications, Inc.

Paul Luttamus

1344 Cove Hill Rd.

Weirton, WV 26062

304-723-5555

800-285-2197

Biser Radio Service

Ted Biser

PO Box 2 Main St.

Lorentz, WV 26229

(304) 472-4202

Electronic Communications of WV,

Tim Ford

408 Old Goff Mountain Road

Cross Lanes, WV 25313

(304) 776-4091

F & L Electronics, Inc.

Frank Scarberry

235 Fourth Ave

Huntington, WV 25701

(304) 523-6069

Ganoe Enterprises

DBA: Custom Computers & Communications

Greg Ganoe

HC 78 Box 182B

½ MI. S Ford Hill RD.

Augusta WV 26704

304-496-8818

Hughes Supply Company
Tom Hughes
300 Rural Acres Drive
Beckley, WV 25801
(304) 252-1918

Hughes Supply Company
Bob Poling
3861 Teays Valley Road
Hurricane, WV 25526
(304) 757-8643

Lab-Tronics, Inc.
Herb Rice
511 34th St
Cattlesburg, KY 41129
(606) 739-4409

Miller Communications
Randy Kinsolving
One Wireless Way
Parkersburg, WV 26101
(304) 863-8595

RT Sales
Dick Fowler
Route 5 Box 737P
Clarksburg, WV 26301
304-623-9479

TK-690 / 790 / 890 VHF/UHF FM Mobile Radios



All 90 BKseries mobiles include:

- RF Deck Only
(Configuration Set & Assembly Labor Code must be order for a Complete Mobile.)
- Standard Warranty: 2 Years*

* All Accessories / options: 1 Year

TK-790K/890K mobiles include:

- KCH-10
 - KCT-23M
 - KMB-5
 - KMC-27
- (No need to use the assembly labor code)

Important Information (TK-890; UHF)

* The lowest receive channel spread range is the factory default tuning if not otherwise specified. Refer to the table (right); order L-850 (no charge) and specify receive spread at the time of ordering. Out of range orders cannot be accepted.

* TX Power is derated
at 470-480 MHz for TK-890HBK:
- 450-469 MHz (100 W)
- 470-480 MHz (75 W)

GENERAL FEATURES

- 45W & 110W (136-156, 148-174 MHz)
- 40W (403-430, 450-490, 480-512 MHz)
- 110W-75W (450-480 MHz)
- 110W (29.7-37.0, 35.0-43.0, 39.0-50.0 MHz)
- 160 Channels
- Dual Priority Scan
- Single / Multi Group Scan
- QT / DQT
- Operator Selectable Tone
- Two-Tone Decode1
- DTMF Encoder/ Decode / Stun
- Encryption / ANI Board Control
- Emergency Call Features
- Companded Audio
- Intercom
- Public Address
- Time Out Timer
- Busy Channel Lockout
- Ignition Sense
- Timed Power Off
- DB-25 Accessory Connector
- 7 Programmable AUX Inputs
- 6 Programmable AUX Outputs
- Windows® Programming & Tuning
- Windows® Firmware Uploading
- Panel Tuning
- Cloning

- MIL-STD-810 C/D/E/F
- MIL-Spec Noise-Cancel Mic (included)
- MIL-Spec 12-Key DTMF Mic Option

FleetSync®

- PTT ID Digital ANI
- Emergency Status

MOUNTING CONFIGURATIONS

- Dash Mount
- Single Head Remote Mount
- Dual Head Remote Mount
- Dual Band Remote Mount
- Dual Head / Dual Band Remote Mount

FRONT PANELS / CONTROL HEADS

- Backlit Dot Matrix LCD
- 3-Digit Sub-Display
- Function/Status LCD Icons
- Transmit LED
- Busy, Call Alert, Warn LED
- LCD Dimmer Control
- Power On/Off Switch
- Rotary Volume Knob
- Rotary Selector Knob
- Backlit Keys
- PF Key Label Inserts
- Microphone Jack
- MILSTD 810 512.X Driven Rain

KCH-10 FRONT PANEL

- 8-Character Alphanumeric Aliases
- 5 PF Keys
- UP/DOWN Keys
- Built-in Front Speaker

KCH-11 FRONT PANEL

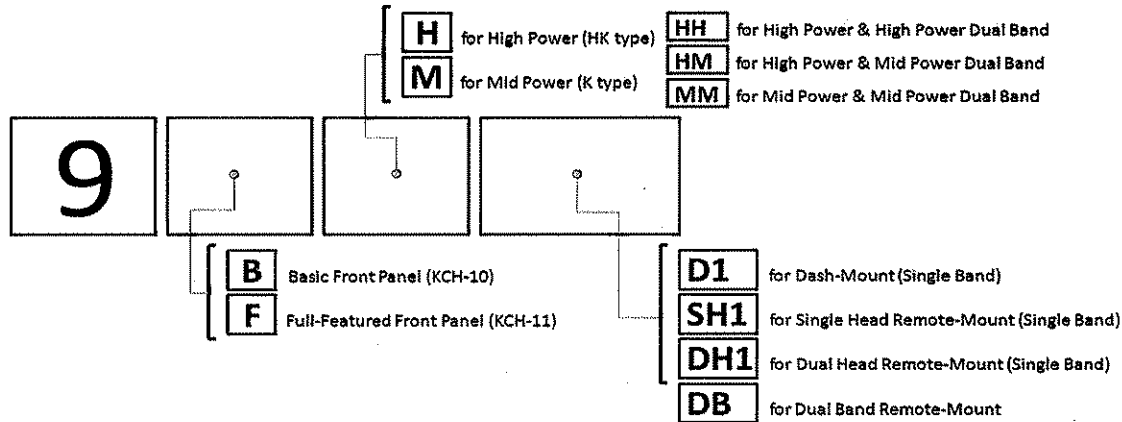
- 14-Character Alphanumeric Aliases
- 13 PF Keys
- UP/DOWN Keys
- External Speaker Required

Model	RF Deck Freq. Range	RX Ch. Spread	TX Ch. Spread
TK-890BK/K	450-490	20 M-hz	40 M-hz
	Factory Default:	450-470	450-490
	Order L-850:	460-480	450-490
TK-890BK2	480-512	20 M-hz	32 M-hz
	Factory Default:	480-500	480-512
	Order L-850:	492-512	480-512
TK-890BK3	403-430	20 M-hz	27 M-hz
	Factory Default:	410-430	403-430
	Order L-850:	403-423	403-430
TK-890HBK	450-480	20 M-hz	30 M-hz
	Factory Default:	450-470	450-480
	Order L-850:	460-480	450-480

MODEL		Retail	WV Price
TK-690HBK	29.7-37.0 MHz, 110W, 160 Channels (R.F. DECK ONLY)	1,071.00	749.70
TK-690HBK2	35.0-43.0 MHz, 110W, 160 Channels (R.F. DECK ONLY)	1,071.00	749.70
TK-690HBK3	39.0-50.0 MHz, 110W, 160 Channels (R.F. DECK ONLY)	1,071.00	749.70
TK-790BK	148-174 MHz, 45W, 160 Channels (R.F. DECK ONLY)	767.00	536.90
TK-790BK2	136-156 MHz, 45W, 160 Channels (R.F. DECK ONLY)	767.00	536.90
TK-790HBK	148-174 MHz, 110W, 160 Channels (R.F. DECK ONLY)	1,239.00	867.30
TK-790K	148-174 MHz, Basic Front("BMD"), 45W, 160 Channels	1,063.00	744.10
TK-890BK	450-490 MHz, 40W, 160 Channels (R.F. DECK ONLY)	819.00	573.30
TK-890BK2	480-512 MHz, 40W, 160 Channels (R.F. DECK ONLY)	819.00	573.30
TK-890BK3	403-430 MHz, 40W, 160 Channels (R.F. DECK ONLY)	819.00	573.30
TK-890HBK	450-480 MHz, 100/75W, 160 Channels (R.F. DECK ONLY)	1,292.00	904.40
TK-890K	450-490 MHz, Basic Front("BMD"), 40W, 160 Channels	1,116.00	781.20

ACCESSORY CONFIGURATION SETS

CONFIGURATION SET DEFINITIONS



Note: All KCH-10 / Basic Control Head configurations are shipped with the control heads 4W internal speaker enabled. Order L-891 to enable the 13W external speaker output for KES-5 speaker use. This will disconnect the control heads internal 4W speaker.

Note: Order an Labor code for each model if factory packaging is required:

L-846 Package Dash/Single Head Remote*

L-847 Package Dual Head Remote

L-848 Package Dual Band Remote

L-849 Package Dual Band Dual Head Remote

(* TK-790K/890K are pre-packaged & fully assembled: basic front, medium power, dash mount mobiles. No need to use the assembly labor code L-846.)

Single Band Dash Mount		Retail	WV Price
9BHD1	KCH-10, KCT-23M2, KMB-9, KMC-27	326.50	228.55
9BMD1	KCH-10, KCT-23M, KMB-5, KMC-27	296.50	207.55
9FHD1	KCH-11, KCT-23M2, KMB-9, KMC-27, KES-5	471.75	330.23
9FMD1	KCH-11, KCT-23M, KMB-5, KMC-27, KES-5	441.75	309.23
Single Band Single Head Remote Mount			
9BHSH1	KCH-10, KRK-5, KCT-22M2, KCT-23M4, KMB-9, KMC-27	564.00	394.80
9BMSH1	KCH-10, KRK-5, KCT-22M2, KCT-23M3, KMB-5, KMC-27	530.75	371.53
9FHSH1	KCH-11, KRK-5, KCT-22M2, KCT-23M4, KMB-9, KMC-27, KES-5	709.25	496.48
9FMSH1	KCH-11, KRK-5, KCT-22M2, KCT-23M3, KMB-5, KMC-27, KES-5	676.00	473.20
Single Band Dual Head Remote Mount			
9BHDH1	KCH-10(x2), KRK-6DH, KCT-22M2(x2), KCT-23M4, KMB-9, KMC-27(x2)	1,004.00	702.80
9BMDH1	KCH-10(x2), KRK-6DH, KCT-22M2(x2), KCT-23M3, KMB-5, KMC-27(x2)	970.75	679.53
9FHHDH1	KCH-11(x2), KRK-6DH, KCT-22M2(x2), KCT-23M4, KMB-9, KMC-27(x2), KES-5(x2)	1,294.50	906.15
9FMDH1	KCH-11(x2), KRK-6DH, KCT-22M2(x2), KCT-23M3, KMB-5, KMC-27(x2), KES-5(x2)	1,261.25	882.88
Dual Band Single Head Remote Mount			
9BHHDB	KCH-10, KRK-7DB, KMC-27, KCT-22M2, KCT-23M4(x2), KMB-9(x2)	761.50	533.05
9BHMDB	KCH-10, KRK-7DB, KMC-27, KCT-22M2, KCT-23M3, KCT-23M4, KMB-5, KMB-9	728.25	509.78
9BMMDB	KCH-10, KRK-7DB, KMC-27, KCT-22M2, KCT-23M3(x2), KMB-5(x2)	695.00	486.50
9FHHDB	KCH-11, KRK-7DB, KMC-27, KES-5, KCT-22M2, KCT-23M4(x2), KMB-9(x2)	906.75	634.73
9FHMDB	KCH-11, KRK-7DB, KMC-27, KES-5, KCT-22M2, KCT-23M3/KCT-23M4, KMB-5/KMB-9	873.50	611.45
9FMMDB	KCH-11 KRK-7DB, KMC-27, KES-5, KCT-22M2, KCT-23M3(x2), KMB-5(x2)	840.25	588.18

Dual Band Dual Head Remote Mount		Retail	WV Price
9BBHH	KCH-10(x2), KMC-27(x2), KRK-8DBH, KCT-22M2(x2), KCT-23M4(x2), KMB-9(x2)	1,117.50	782.25
9BBHM	KCH-10(x2), KMC-27(x2), KRK-8DBH, KCT-22M2(x2), KCT-23M3, KCT-23M4, KMB-5, KMB-9	1,084.25	758.98
9BBMM	KCH-10(x2), KMC-27(x2), KRK-8DBH, KCT-22M2(x2), KCT-23M3(x2), KMB-5(x2)	1,051.00	735.70
9FFHH	KCH-11(x2), KMC-27(x2), KRK-8DBH, KCT-22M2(x2), KCT-23M4(x2), KMB-9(x2), KES-5(x2)	1,408.00	985.60
9FFHM	KCH-11(x2), KMC-27(x2), KRK-8DBH, KCT-22M2(x2), KCT-23M3, KCT-23M4, KMB-5, KMB-9, KES-5(x2)	1,374.75	962.33
9FFMM	KCH-11(x2), KMC-27(x2), KRK-8DBH, KCT-22M2(x2), KCT-23M3(x2), KMB-5(x2), KES-5(x2)	1,341.50	939.05
FRONT PANELS & REMOTE KITS (Order Configuration Sets for full install accessories)			
KCH-10	Basic Control Panel	147.00	102.90
KCH-11	Full Featured Control Panel	231.00	161.70
KRK-5	Single Control Head Remote Mount Kit	147.00	102.90
KRK-6DH	Dual Control Head Remote Mount Kit	252.00	176.40
KRK-7DB	Dual Band Control Head Remote Mount Kit	262.50	183.75
KRK-8DBH	Dual Band Dual Head Remote Mount Kit	283.50	198.45
CABLES			
KCT-18	Ignition sense cable	13.70	9.59
KCT-22M	Control cable - 8 Feet	73.50	51.45
KCT-22M2	Control cable - 17 Feet (Standard accessory config. set cable)	84.00	58.80
KCT-22M3	Control cable (25 Feet)	94.50	66.15
KCT-23M	DC Cable (35/45W Dash mount)	31.50	22.05
KCT-23M2	DC Cable (75/110W Dash mount)	38.75	27.13
KCT-23M3	DC Cable (35/45W Remote mount)	34.75	24.33
KCT-23M4	DC Cable (75/110W Remote mount)	45.25	31.68
MOBILE INSTALLATION ACCESSORIES			
KCK-6	Auxiliary Adapter for 90-Series Mobiles (For AUX A, B, & C) Features: 90-Series AUX A, B, & C Inputs, 3 AUX 1 Amp Relay Outputs, D-Sub 25 90-Series Accessory Connector Parallel Feed Through Supplied Items: Instruction Sheet (1pc.), KCK-6 (1pc.), Insulated Spade Lugs [0.250 female fully insulated, 16-14 wire range] (8pcs.) ***Hardware that may be required but NOT supplied - two 3/16" mounting screws, male-to-female DB-25 straight through serial cable, & wire peripheral.** Caution: KCK-6 Relays are rated at 1A maximum. Do Not Exceed. The KCK-6 is not intended to directly drive siren and light packages. The siren/light package manufacturers recommended high amperage relay units and directions should be followed.	138.25	96.78
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max)	42.00	29.40
KMB-10	Key Lock Adapter for use with KMB-4/5/6	26.30	18.41
KMB-5	Medium Power Mounting Bracket (35W/45W models)	14.00	9.80
KMB-9	High Power Mounting Bracket with built-in key lock (75W/110W models)	36.75	25.73
MICROPHONES AND SPEAKERS			
KES-5	External Speaker (40W max input)	61.25	42.88
KMC-27	Rugged standard microphone with noise canceling, MIL-STD and driven rain features	104.00	72.80
KMC-28	DTMF microphone (MIL-SPEC, Noise canceling)	163.00	114.10
KMC-9B	Desk top microphone	96.50	67.55

SERVICE RELATED ACCESSORIES		Retail	WV Price
KPG-43AM	Programming interface cable	114.50	80.15
KCT-53UM	USB Adapter for KPG-xxAM DB9F Programming Interface Cables (DB9M - to - USB Type A connector)	86.00	60.20
KPG-44DK	Windows® Programming Software for TK-690/790/890	68.50	47.95
*****	Call Kenwood Parts at 800-367-7514 to order the following:		
K29-5276-03	Key Inserts for 90-series mobile (AN, D/A, DIM, HA, HC, IC, MON, OPT, OST, PA)	14.00	9.80
K29-5277-03	Key Inserts for 90-series mobile (RCL, RPT, SCN, SP, SPM, SQ, TA, <up arrow>, <down arrow>)	14.00	9.80
K29-5305-03	Key Inserts for 90-series mobile (CH1, CH2, CH3, CH4, CH5, AUXA, AUXB, AUXC, EMG, ORG)	14.00	9.80
S76-0434-05	1 Amp Relay for 90-series mobile	11.22	7.85
OPTION MODULES			
CIM-1000	GE-Star or MDC-1200 ANI Encode Board Must order <u>L-1036</u> or <u>L-1037</u> for radio install & programming Note: CIM-1000 G-Star®/ MDC1200 Digital ANI Boards Pre-programmed & installed boards require a completed CIM-1000 Information and Order Sheet" (available from Kenwood LMR Order Desk) submitted with order. a) Order the appropriate Labor Code for MDC-1200 or G-Star. b) CIM-1000 boards can be ordered and shipped loose (if shipped loose, Kenwood will not program the board)	131.25	91.88
CIM-CABLE	Serial Program Cable Note: CIM-1000, K-20, K-26 programs via Windows Hyper terminal (Windows Ver 3.1 or later) or any ProComm version; board must be installed in a powered radio for programming. The radio programmer does NOT program the CIM-1000, K-20, K-26. CIM-CABLE is a DB-9 PC connector with 3 short lead with clips and may require a PC serial extension cable. CIM-IRP (Part No 01-30-0510) Infrared wireless standalone programmer, C-Plus line of desktop decoder displays and CIM-1000, K-20, K-26 Instruction Manuals are available directly from Cimmarron Technologies 800-487-7184 at www.cimtechcorp.com	61.25	42.88
INSTALLATION / TUNING CHARGES			
L-846	Package Dash/Single Head Remote for 90-series mobiles	17.00	11.90
L-847	Package Dual Head Remote for 90-series mobiles	34.00	23.80
L-848	Package Dual Band Remote for 90-series mobiles	34.00	23.80
L-849	Package Dual Band Dual Head Remote for 90-series mobiles	50.00	35.00
L-850	Tune TK-890 receiver channel spread (20 MHz max.); specify receive spread	N/C	N/C
L-854	90 Mobile Programming (with basic TX/RX check)	30.00	21.00
L-858	Modify 90-series mobile Single Band (Single Head) Mobile for Pyramid Vehicular Repeater	75.00	52.50
L-859	Modify 90-series mobile Single Band (Dual Head) Mobile for Pyramid Vehicular Repeater	75.00	52.50
L-861	Install Horn Alert output relay for 90-series mobiles (1 amp max.) --- Part #S76-0407-05 Relay incl.	70.00	49.00
L-862	Install Key Inserts for 90-series mobiles Note: For new radio tune orders only. Installs only the included KCH-10/11 key inserts. Must specify keys and placement (see Service Manuals for placement diagram, pg. 14). Also, see Service Manuals for technical details (pg. 14). Other Key Inserts are available from Parts Dept. See the "Service Related Accessories" section of the 90-series mobiles pricepages for more information.	15.00	10.50
L-864	KCT-22A Extended Control Head Cable (up to 50 ft. max.) Note: Please specify exact length at 1ft. increments when ordering. Caution: Extended control head cables exhibit a loss in speaker audio power to the control heads. For either type control head (KCH-10/11), it is recommended that the 13W audio output modification be implemented to drive extended cable runs and a KES-5 external speaker be used. Refer to the service manual pg. 15-17 for 13W modifications. Installing new radio firmware (hex files) via the KPG-44D software nor checking the firmware "checksum" is not possible through an extended control head cable. A standard KCT-22 cable of 25 ft. or less should be used when this has to be done. Normal KPG-44D radio parameter programming is possible at extended lengths.	190.00	133.00

INSTALLATION / TUNING CHARGES - CONT'D		Retail	WV Price
L-865	KCT-22A Extended Control Head Cable (up to 100 ft. max.) Note: Please specify exact length at 1ft. increments when ordering. Caution: Extended control head cables exhibit a loss in speaker audio power to the control heads. For either type control head (KCH-10/11), it is recommended that the 13W audio output modification be implemented to drive extended cable runs and a KES-5 external speaker be used. Refer to the service manual pg. 15-17 for 13W modifications. Installing new radio firmware (hex files) via the KPG-44D software nor checking the firmware "checksum" is not possible through an extended control head cable. A standard KCT-22 cable of 25 ft. or less should be used when this has to be done. Normal KPG-44D radio parameter programming is possible at extended lengths.	245.00	171.50
L-866	KCT-23A-K2 Two Conductor 75/110W High Power DC Cable (2 Conductor: 1x23 ft. positive, 1x23 ft. negative; AWG #10) Note: This cable substitutes for the ff. DC Cables: --> KCT-23M2 75/110W Dash Mount DC Cable: 4 Conductor: 2x10 ft. positive, 2x10 ft. negative --> KCT-23M4 75/110W Remote Mount DC Cable: 4 Conductor: 2x23 ft. positive, 2x23 ft. negative	75.00	52.50
L-867	Jumper foil for SB to pin 14 of accessory connector for 90-series mobile (Ref. 90-Series Mobile Service Manual, page 17/18)	25.00	17.50
L-870	Simultaneous transpond and alert feature up-grade for 90-series mobiles & portables	50.00	35.00
L-883	Modify 90-series mobile for KCT-18	25.00	17.50
L-891	External speaker modification for 90-series mobile Control Head (13W)	10.00	7.00
L-903	R640 mic input modification for 90-series mobile	17.00	11.90
L-910	Install firmware 094F (90-series mobile * and # DTMF without PTT) Note: The firmware 094F gives the 90-series mobile the ability to generate a DTMF tone from the * and # keys without pushing the PTT button.	17.00	11.90
L-912	90-Series mobile low imp. mic. Input at RF deck	10.00	7.00
L-917	EXT PTT / Local KMC-27 mic disable Purpose: Disables the KMC-27 mobile hand mic element when 90-series mobile external PTT is active. For use with data modems, GPS AVL data units, headset systems (motorcycles, ambulance, fire engines), vehicle intercom	17.00	11.90
L-921	Modify 90-series mobile Dual Band (Single Head) for Pyramid Vehicular Repeater	75.00	52.50
L-922	Modify 90-series mobile Dual Band (Dual Head) for Pyramid Vehicular Repeater	75.00	52.50
L-1036	TK-690/790/890 CIM-1000/MDC1200 ENCODER INSTALLATION	75.00	52.50
L-1037	TK-690/790/890 CIM-1000/GE STAR ENCODER INSTALLATION	75.00	52.50