



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

Solicitation

NUMBER
COR61631

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
TARA LYLE
304-558-2544

*709042444 304-776-4091
 ELECTRONIC COMMUNICATIONS WV
 408 OLD GOFF MOUNTAIN RD
 CROSS LANES WV 25313

VENDOR

DIVISION OF CORRECTIONS
 1409 GREENBRIER ST
 CHARLESTON, WV
 25311 304-558-8045

SHIP TO

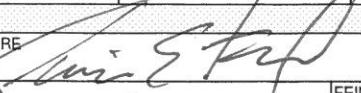
DATE PRINTED
09/18/2013

BID OPENING DATE: 10/16/2013

BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, WV DIVISION OF CORRECTIONS, IS SOLICITING BIDS TO PROVIDE VEHICLE REPEATERS, PROGRAMMING CABLES AND SOFTWARE, PER THE ATTACHED SPECIFICATIONS. ATTACHMENTS INCLUDE: 1. INSTRUCTIONS TO VENDORS SUBMITTING BIDS 2. GENERAL TERMS AND CONDITIONS 3. COR61631 SPECIFICATIONS 4. CERTIFICATION AND SIGNATURE PAGE 5. PURCHASING AFFIDAVIT 6. RESIDENT VENDOR PREFERENCE (RVP) FORM 7. WV96A AGREEMENT ADDENDUM FORM AND SOFTWARE						
0001	1	LS		725-12	966.00	72,450.00
				VEHICULAR REPEATERS - SINGLE CHANNEL		
0002	1	LS		725-12	1,193.18	89,488.50
				VEHICULAR REPEATERS - TWENTY CHANNEL		
0003	1	LS		285-10	63.00	8190.00
				PROGRAMMING CABLE FOR MOTOROLA		

10/16/13 12:11:45 PM
West Virginia Purchasing Division

SIGNATURE 	TELEPHONE 304-776-4091	DATE Oct 16 2013
TITLE President	FEIN 550520004	ADDRESS CHANGES TO BE NOTED ABOVE

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



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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0004	1	LS	285-10	PROGRAMMING CABLE FOR KENWOOD TK5810	41.00	5,330.00
0005	1	LS	285-10	PROGRAMMING CABLE FOR KENWOOD TK-5820	41.00	5,330.00
0006	1	LS	205-60	PROGRAMMING SOFTWARE	Ø	Ø
***** THIS IS THE END OF RFQ COR61631 ***** TOTAL:						180,788.50

SIGNATURE		TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

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

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. **REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.
2. **MANDATORY TERMS:** The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.
3. **PREBID MEETING:** The item identified below shall apply to this Solicitation.
 - A pre-bid meeting will not be held prior to bid opening.
 - A **NON-MANDATORY PRE-BID** meeting will be held at the following place and time:

 - A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one person attending the pre-bid meeting may represent more than one Vendor.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. The State will not accept any other form of proof or documentation to verify attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing. Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required

information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in, but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. **VENDOR QUESTION DEADLINE:** Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are non-binding.

Question Submission Deadline: October 4, 2013 at 5:00 pm

Submit Questions to: Tara Lyle, File 32
2019 Washington Street, East
Charleston, WV 25305
Fax: 304-558-4115
Email: Tara.L.Lyle@wv.gov

5. **VERBAL COMMUNICATION:** Any verbal communication between the Vendor and any State personnel is not binding, including that made at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.
6. **BID SUBMISSION:** All bids must be signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The bid delivery address is:

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

000005

The bid should contain the information listed below on the face of the envelope or the bid may not be considered:

SEALED BID

BUYER: _____

SOLICITATION NO.: _____

BID OPENING DATE: _____

BID OPENING TIME: _____

FAX NUMBER: _____

In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus _____ convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: Technical
 Cost

7. **BID OPENING:** Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when time stamped by the official Purchasing Division time clock.

Bid Opening Date and Time: October 16, 2013 at 1:30 pm

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. **ADDENDUM ACKNOWLEDGEMENT:** Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.
9. **BID FORMATTING:** Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

GENERAL TERMS AND CONDITIONS:

1. **CONTRACTUAL AGREEMENT:** Issuance of a Purchase Order signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. **DEFINITIONS:** As used in this Solicitation / Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation / Contract.
 - 2.1 **"Agency" or "Agencies"** means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.
 - 2.2 **"Contract"** means the binding agreement that is entered into between the State and the Vendor to provide the goods and services requested in the Solicitation.
 - 2.3 **"Director"** means the Director of the West Virginia Department of Administration, Purchasing Division.
 - 2.4 **"Purchasing Division"** means the West Virginia Department of Administration, Purchasing Division.
 - 2.5 **"Purchase Order"** means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the successful bidder and Contract holder.
 - 2.6 **"Solicitation"** means the official solicitation published by the Purchasing Division and identified by number on the first page thereof.
 - 2.7 **"State"** means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.
 - 2.8 **"Vendor" or "Vendors"** means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. **CONTRACT TERM; RENEWAL; EXTENSION:** The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:



Term Contract

Initial Contract Term: This Contract becomes effective on award

and extends for a period of one (1) year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal must be submitted to the Purchasing Division Director thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to two (2) successive one (1) year periods. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions.

Reasonable Time Extension: At the sole discretion of the Purchasing Division Director, and with approval from the Attorney General's office (Attorney General approval is as to form only), this Contract may be extended for a reasonable time after the initial Contract term or after any renewal term as may be necessary to obtain a new contract or renew this Contract. Any reasonable time extension shall not exceed twelve (12) months. Vendor may avoid a reasonable time extension by providing the Purchasing Division Director with written notice of Vendor's desire to terminate this Contract 30 days prior to the expiration of the then current term. During any reasonable time extension period, the Vendor may terminate this Contract for any reason upon giving the Purchasing Division Director 30 days written notice. Automatic extension of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases, but Attorney General approval may be required.

Release Order Limitations: In the event that this contract permits release orders, a release order may only be issued during the time this Contract is in effect. Any release order issued within one year of the expiration of this Contract shall be effective for one year from the date the release order is issued. No release order may be extended beyond one year after this Contract has expired.



Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within days.

- One Time Purchase:** The term of this Contract shall run from the issuance of the Purchase Order until all of the goods contracted for have been delivered, but in no event shall this Contract extend for more than one fiscal year.
- Other:** See attached.
4. **NOTICE TO PROCEED:** Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Purchase Order will be considered notice to proceed
5. **QUANTITIES:** The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.
- Open End Contract:** Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. 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.
- Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.
- Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.
- One Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.
6. **PRICING:** The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification.
7. **EMERGENCY PURCHASES:** The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.
8. **REQUIRED DOCUMENTS:** All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

BID BOND: All Vendors shall furnish a bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of . The performance bond must be issued and received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be issued and delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall have appropriate workers' compensation insurance and shall provide proof thereof upon request.

INSURANCE: The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the state as a certificate holder:

Commercial General Liability Insurance:
or more.

Builders Risk Insurance: builders risk – all risk insurance in an amount equal to 100% of the amount of the Contract.

The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.

- LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

- 9. LITIGATION BOND:** The Director reserves the right to require any Vendor that files a protest of an award to submit a litigation bond in the amount equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be forfeited if the hearing officer determines that the protest was filed for frivolous or improper purpose, including but not limited to, the purpose of harassing, causing unnecessary delay, or needless expense for the Agency. All litigation bonds shall be made payable to the Purchasing Division. In lieu of a bond, the protester may submit a cashier's check or certified check payable to the Purchasing Division. Cashier's or certified checks will be deposited with and held by the State Treasurer's office. If it is determined that the protest has not been filed for frivolous or improper purpose, the bond or deposit shall be returned in its entirety.
- 10. ALTERNATES:** Any model, brand, or specification listed herein establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.
- 11. EXCEPTIONS AND CLARIFICATIONS:** The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or

other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. LIQUIDATED DAMAGES: Vendor shall pay liquidated damages in the amount
for

This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

13. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part. Vendor's signature on its bid signifies acceptance of the terms and conditions contained in the Solicitation and Vendor agrees to be bound by the terms of the Contract, as reflected in the Purchase Order, upon receipt.

14. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee if applicable.

15. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

16. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

17. PAYMENT: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears, to the Agency at the address on the face of the purchase order labeled "Invoice To."

18. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

19. DELIVERY: All quotations are considered freight on board destination ("F.O.B. destination") unless alternate shipping terms are clearly identified in the bid. Vendor's listing of shipping terms that contradict the shipping terms expressly required by this Solicitation may result in bid disqualification.

20. INTEREST: Interest attributable to late payment will only be permitted if authorized by the West Virginia Code. Presently, there is no provision in the law for interest on late payments.

21. PREFERENCE: Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Resident Vendor Certification form has been attached hereto to allow Vendor to apply for the preference. Vendor's

failure to submit the Resident Vendor Certification form with its bid will result in denial of Vendor Preference. Vendor Preference does not apply to construction projects.

- 22. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:** For any solicitations publicly advertised for bid on or after July 1, 2012, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to submission of its bid to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority-owned business shall be applied in accordance with W. Va. CSR § 148-22-9.
- 23. TAXES:** The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 24. CANCELLATION:** The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-7.16.2.
- 25. WAIVER OF MINOR IRREGULARITIES:** The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.
- 26. TIME:** Time is of the essence with regard to all matters of time and performance in this Contract.
- 27. APPLICABLE LAW:** This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.
- 28. COMPLIANCE:** Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendors acknowledge that they have reviewed, understand, and will comply with all applicable law.
- 29. PREVAILING WAGE:** On any contract for the construction of a public improvement, Vendor and any subcontractors utilized by Vendor shall pay a rate or rates of wages which shall not be less than the fair minimum rate or rates of wages (prevailing wage), as established by the West Virginia Division of Labor under West Virginia Code §§ 21-5A-1 et seq. and available at <http://www.sos.wv.gov/administrative-law/wagerates/Pages/default.aspx>. Vendor shall be responsible for ensuring compliance with prevailing wage requirements and determining when prevailing wage

requirements are applicable. The required contract provisions contained in West Virginia Code of State Rules § 42-7-3 are specifically incorporated herein by reference.

- 30. ARBITRATION:** Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.
- 31. MODIFICATIONS:** This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary, no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). **No Change shall be implemented by the Vendor until such time as the Vendor receives an approved written change order from the Purchasing Division.**
- 32. WAIVER:** The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.
- 33. SUBSEQUENT FORMS:** The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.
- 34. ASSIGNMENT:** Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.
- 35. WARRANTY:** The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.
- 36. STATE EMPLOYEES:** State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.
- 37. BANKRUPTCY:** In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.

38. [RESERVED]

39. CONFIDENTIALITY: The Vendor agrees that it 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/default.html>.

40. DISCLOSURE: Vendor's response to the Solicitation and the resulting Contract are considered public documents and will be disclosed to the public in accordance with the laws, rules, and policies governing the West Virginia Purchasing Division. Those laws include, but are not limited to, the Freedom of Information Act found in West Virginia Code § 29B-1-1 et seq.

If a Vendor considers any part of its bid to be exempt from public disclosure, Vendor must so indicate by specifically identifying the exempt information, identifying the exemption that applies, providing a detailed justification for the exemption, segregating the exempt information from the general bid information, and submitting the exempt information as part of its bid but in a segregated and clearly identifiable format. Failure to comply with the foregoing requirements will result in public disclosure of the Vendor's bid without further notice. A Vendor's act of marking all or nearly all of its bid as exempt is not sufficient to avoid disclosure and WILL NOT BE HONORED. Vendor's act of marking a bid or any part thereof as "confidential" or "proprietary" is not sufficient to avoid disclosure and WILL NOT BE HONORED. In addition, a legend or other statement indicating that all or substantially all of the bid is exempt from disclosure is not sufficient to avoid disclosure and WILL NOT BE HONORED. Vendor will be required to defend any claimed exemption for nondisclosure in the event of an administrative or judicial challenge to the State's nondisclosure. Vendor must indemnify the State for any costs incurred related to any exemptions claimed by Vendor. Any questions regarding the applicability of the various public records laws should be addressed to your own legal counsel prior to bid submission.

41. LICENSING: In accordance with West Virginia Code of State Rules §148-1-6.1.7, Vendor 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 agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

42. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Purchase Order from any agency of the State of West Virginia, the Vendor agrees to 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 Vendor.

- 43. VENDOR CERTIFICATIONS:** By signing its bid or entering into this Contract, Vendor certifies (1) that its bid was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid for the same material, supplies, equipment or services; (2) that its bid is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this RFQ in its entirety; understands the requirements, terms and conditions, and other information contained herein. Vendor's signature on its bid also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

The individual signing this bid on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

- 44. PURCHASING CARD ACCEPTANCE:** The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

- 45. VENDOR RELATIONSHIP:** The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, *etc.* and the filing of all necessary documents, forms and returns pertinent to all of the foregoing. Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

- 46. INDEMNIFICATION:** The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered

by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

- 47. PURCHASING AFFIDAVIT:** In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.
- 48. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE:** This Contract may be utilized by and extends to other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"). This Contract shall be extended to the aforementioned Other Government Entities on the same prices, terms, and conditions as those offered and agreed to in this Contract. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.
- 49. CONFLICT OF INTEREST:** Vendor, its officers or members or employees, shall not presently have or acquire any interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.
- 50. REPORTS:** Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:
- Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.
 - Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.requisitions@wv.gov.
- 51. BACKGROUND CHECK:** In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state

repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision.

The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

52. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.

The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:

- a. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
- b. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

53. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance

with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products.

This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the Division of Corrections to establish an open-end contract for Vehicular Repeaters for all state agencies and political subdivisions. The intention is to award one contract; however, if judged to be in the best interest of the State of West Virginia, the award may be split. Quotes will be based on the general requirements attached, or of equivalent standard.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
 - 2.1 **“Contract Item” or “Contract Items”** means the list of items identified in Section 3, Subsection 1 below.
 - 2.2 **“Pricing Pages”** means the schedule of prices, estimated order quantity, and totals attached hereto as **Exhibit A** and used to evaluate the RFQ.
 - 2.3 **“RFQ”** means the official request for quotation published by the Purchasing Division and identified as **COR61631**.

3. **GENERAL REQUIREMENTS:**
 - 3.1 **Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.
 - 3.1.1 **VHF VEHICULAR REPEATER 150-170 MHz**
 - (A) Pyramid SVR-200 Single-channel Synthesized Vehicular Repeater or Equal.
 - (B) Pyramid SVR-250 Twenty-channel Vehicular Repeater or Equal

 - 3.1.1.1 The vehicular repeater shall utilize an interface cable for one of the following radios:
 - a) Motorola APX 7500
 - b) Kenwood TK-5810
 - c) Kenwood TK-5820

3.1.1.2 Cable must have manufacturer's plugs (dual gender) to allow direct connection. Interface cables shall be listed as options and priced individually. Repeater shall be priced with no cable included, but one will normally be purchased in conjunction with repeater purchase. Generic cables requiring wiring into the manufacturer's radio cable are not acceptable.

3.1.1.3 Unit shall be capable of interfacing to a variety of existing mobiles and communications formats (conventional, trunking, narrowband) and be upwardly compatible with new radios and technologies.

3.1.1.4 Unit shall be capable of multi-vehicle operation with automatic priority repeater establishment and maintenance. Units shall provide means of responding during full duplex mobile reception and repeater hang time.

3.1.1.5 Repeater should be single channel receive and transmit in the selected band.

3.1.1.6 Repeater must be synthesized and programmable for frequencies, tones and operating parameters. Bidder should state method of programming and provide a copy of software if PC programmable.

3.1.1.7 Activation of mobile repeat mode must be tone squelch protected.

3.1.2 Transmitter Requirements:

3.1.2.1 Repeater shall operate in the following band: VHF 150-174 MHz.

3.1.2.2 Operation of the repeater shall be capable and configured for narrowband operation.

3.1.2.3 Transmitter conducted spurious output shall be -50dbc minimum.

3.1.2.4 Transmitter frequency stability shall be 1.5ppm over an operating range of -30 degrees C to +60 degrees C.

3.1.2.5 Transmitter audio response shall be +1/-3db within a +6db/octave pre-emphasis curve from 300Hz to 3 kHz.

3.1.2.6 Transmitter audio distortion shall be maximum 5% at 60% deviation with a 1 kHz tone.

-
- 3.1.2.7 Repeater shall be capable of transmitting a single frequency burst tone at 60% deviation for duration of 500-800mSec in compliance with the multi-vehicle protocol utilizing the following tones: 832.5, 847.5 and 682.5 Hz.
- 3.1.2.8 Repeater shall be capable of transmitting a sub audible CTCSS tone at ± 700 Hz deviation which is programmable and different from its decode tone.
- 3.1.2.9 Repeater shall be capable of transmitting local mobile microphone audio to the handheld; the level shall be adjustable for ± 3 kHz deviation.
- 3.1.2.10 During base to portable transmissions, the repeater shall periodically unkey to check for transmissions from handhelds or other vehicular repeaters on site.
- 3.1.2.11 The sampling interval shall be programmable and a random offset shall be employed to prevent 2 repeaters from sampling at the same time.
- 3.1.2.12 The sampling duration shall be less than 50 mSec. During the sampling interval, the receiver shall be capable of detecting 2 CTCSS tones simultaneously.
- 3.1.2.13 If tone from the handheld is detected; the receiving unit will revert to non-priority status. If no tone or wrong tone is detected, the repeater should continue to operate in base to portable mode.
- 3.1.2.14 Co-channel interference shall not cause the repeaters to cease operation.
- 3.1.3 Receiver Requirements:**
- 3.1.3.1 Repeater shall operate in the following band: VHF 150-174 MHz
- 3.1.3.2 Operation of the repeater shall be capable of and configured for narrowband operation.
- 3.1.3.3 Receiver sensitivity shall be a minimum of 4μ V for 12db Sinad operation.

-
- 3.1.3.4** Receiver adjacent channel selectivity shall be a minimum of 60 db for 25 kHz channel spacing.
- 3.1.3.5** Receiver spurious and image rejection shall be a minimum of 60db.
- 3.1.3.6** Receiver 3rd tone intermodulation response shall be shall be a minimum of 60db.
- 3.1.3.7** Receiver audio response shall be ± 3 db within a 6db/octave de-emphasis curve from 300Hz to 3 kHz.
- 3.1.3.8** Receiver modulation acceptance shall be a minimum of ± 7.5 kHz channel spacing.
- 3.1.3.9** Receiver shall be capable of accurately decoding CTCSS from the handheld. Mobile transmit activation shall not occur in the absence of tone. The receiver shall be capable of decoding at least 2 primary tones are detected from the sub-audible CTCSS tones simultaneously.
- 3.1.3.10** If the primary tone is detected from the handheld operator, the vehicular repeater shall repeat the transmission handheld base mode. If, during priority sampling, the secondary tone is detected from other vehicular repeaters, the receiving unit will remove itself from priority mode and cease transmissions.
- 3.1.3.11** Reception of carrier without tone or carrier with a CTCSS tone different from the handheld tone or the vehicular repeater encodes tone shall not cause the system to malfunction. The system shall be capable of detecting co-channel interference and continue to operate properly in the presence of carrier sources outside of its system.

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- 3.1.3.12** Receiver shall be capable of decoding in-band single tone bursts with duration of 500-800 mSec from other repeaters and revert to a non-priority status upon proper decoding. The repeater shall maintain a count of the number of decoded tone bursts and adjust its priority status accordingly (increment count for each burst). The repeater shall be capable of maintaining a priority hierarchy for up to 100 vehicles. The receiver shall be capable of decoding 832.5Hz, 847.5Hz and 682.5Hz.
- 3.1.3.13** Receiver shall continue to monitor all radio activity even when not a priority status, and shall take positive steps to re-establish a priority unit when the absence of a priority repeater is detected.
- 3.1.3.14** Repeaters at priority status shall be capable of detecting the presence of other repeaters transmitting and automatically take appropriate action to prevent radio "collisions"
- 3.1.3.15** Receiver shall provide repeater receiver audio from the handheld for local monitoring. Audio power shall be a minimum 400mW into 8ohms resistive.

3.2 Other Requirements

- 3.2.1** A method of enabling and disabling the repeater shall be provided so that the driver may activate the repeat mode only when leaving the vehicle.
- 3.2.2** The repeater shall have a minimum of the following indicators: DC power/activation, priority status, mobile transmit indication, repeater receiver status, and repeater transmit indication. The indicators must be visible from a wide viewing angle and easily readable in ambient light conditions.
- 3.2.3** The repeater shall be capable of operating with a wide variety of existing radios or radios purchased in the future. Interfacing of the repeater shall be upwardly compatible with different communication formats including trunking and narrowband technologies.

-
- 3.2.4** Before award, bidder shall provide the following documentation regarding the Repeater:
- a). System description and operating instructions, including theory of operation and complete description of all controls and functions.
 - b). Complete installation instructions and description of optional configurations.
 - c). Alignment instructions.
 - d). Programming software and manual.
 - e). Detailed schematic and parts list.
 - f). Parts locator diagram.
- 3.2.5** Application note shall be available for all radios specified above to allow modifications and programming required for operation with purchased interface cable.
- 3.2.6** Bidder must provide proof of authorization to purchase and resell manufacturers equipment prior to award.
- 3.2.7** All equipment shall be warranted by the manufacturer for a minimum of 3 years, including parts and labor.
- 3.2.8** The equipment warranty period shall begin when the equipment is first placed in service, not to exceed 6 months from the date of purchase.
- 3.2.9** Vehicular repeaters do not list any antennas as part of the specifications since it is a vehicle installation issue, and the agency will work with the installer when the radio package/system is installed in the vehicle.
- 3.2.10** The agency will use dual band mobiles and portables, the dual band radios broadcasts in UHF and VHF.

REQUEST FOR QUOTATION
COR61631 Vehicular Repeaters

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price on all Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages. The intent is to award one contract; however, if judged to be in the best interest of the State of West Virginia, the award may be split. This contract becomes effective upon award of successful vendor and extends for a period of one (1) year, with the option of two (2) one year renewals.

4.2 Pricing Pages: Vendor should complete the Pricing Pages by inserting the requested information in the appropriate spaces and performing the calculations necessary to arrive at a total cost. Vendor should complete the Pricing Pages in their entirety as failure to do so may result in Vendor's bids being disqualified.

The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Notwithstanding the foregoing, the Purchasing Division may correct errors at its discretion. Vendor should type or electronically enter the information into the Pricing Pages to prevent errors in the evaluation.

5. ORDERING AND PAYMENT:

5.1 Ordering: Vendor shall accept orders by regular mail, facsimile, e-mail, or any other written forms of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Any on-line ordering system must have the capability to restrict prices and available items to conform to the Catalog originally submitted with this RFQ. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.

5.2 Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

6. DELIVERY AND RETURN:

6.1 Delivery Time: Vendor shall deliver standard orders within 10 working days after orders are received. Vendor shall deliver emergency orders within 5 working day(s) after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

6.2 Late Delivery: The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

6.3 Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

6.4 Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

6.5 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7. MISCELLANEOUS:

- 7.1 **No Substitutions:** Vendor shall supply only Contract Items submitted in response to the RFQ unless a contract modification is approved in accordance with the provisions contained in this Contract.
- 7.2 **Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.
- 7.3 **Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 7.4 **Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Tim Ford
Telephone Number: 304 776 - 4091
Fax Number: 304 - 776 - 7092
Email Address: tford@bcclowv.com

REQUEST FOR QUOTATION
COR61631 Vehicular Repeaters

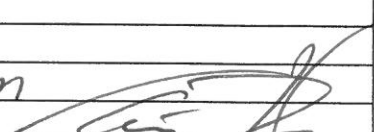
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PRICING PAGE - Exhibit A

Item	Description	*Estimated Quantity	Unit Price	Extended Price
3.1.1(a)	Pyramid SVR-200 Single-Channel Synthesized Vehicular Repeaters or Equal	75	\$ 966.00	\$ 72,450.00
3.1.1(b)	Pyramid SVR-250 Twenty-Channel Synthesized Vehicular Repeaters or Equal	75	\$ 1,193.18	\$ 89,488.50
3.1.1.1 (a)	Interface Cable-Motorola	130	\$ 63.00	\$ 8,190.00
3.1.1.1 (b)	Interface Cable-Kenwood TK-5810	130	\$ 41.00	\$ 5,330.00
3.1.1.1(c)	Interface Cable-Kenwood TK-5820	130	\$ 41.00	\$ 5,330.00
3.1.1.6	Programming Software	1	\$ -0-	\$ -0-
			TOTAL COST:	\$ 180,788.50

Failure to use this form may result in disqualification.

*Quantities are estimates for use in evaluation purposes only. Agency may buy more or less.

Bidder/Vendor Information:	
Name:	Electronic Communications of WV Inc
Address:	408 Old Golf Mtn Road Cross Lanes WV 25313
Phone #	304-776-4091
Fax #	304-776-7092
Email Address	t-bnd@ccrowv.com
Authorized Signature	

AGREEMENT ADDENDUM FOR SOFTWARE

In the event of conflict between this addendum and the agreement, this addendum shall control:

1. **DISPUTES** - Any references in the agreement to arbitration or to the jurisdiction of any court are hereby deleted. Disputes arising out of the agreement shall be presented to the West Virginia Court of Claims.
2. **HOLD HARMLESS** - Any provision requiring the Agency to indemnify or hold harmless any party is hereby deleted in its entirety.
3. **GOVERNING LAW** - The agreement shall be governed by the laws of the State of West Virginia. This provision replaces any references to any other State's governing law.
4. **TAXES** - Provisions in the agreement requiring the Agency to pay taxes are deleted. As a State entity, the Agency is exempt from Federal, State, and local taxes and will not pay taxes for any Vendor including individuals, nor will the Agency file any tax returns or reports on behalf of Vendor or any other party.
5. **PAYMENT** - Any references to prepayment are deleted. Fees for software licenses, subscriptions, or maintenance are payable annually in advance. Payment for services will be in arrears.
6. **INTEREST** - Any provision for interest or charges on late payments is deleted. The Agency has no statutory authority to pay interest or late fees.
7. **NO WAIVER** - Any language in the agreement requiring the Agency to waive any rights, claims or defenses is hereby deleted.
8. **FISCAL YEAR FUNDING** - Service performed under the agreement may be continued in succeeding fiscal years for the term of the agreement, contingent upon funds being appropriated by the Legislature or otherwise being available for this service. In the event funds are not appropriated or otherwise available for this service, the agreement shall terminate without penalty on June 30. After that date, the agreement becomes of no effect and is null and void. However, the Agency agrees to use its best efforts to have the amounts contemplated under the agreement included in its budget. Non-appropriation or non-funding shall not be considered an event of default.
9. **STATUTE OF LIMITATION** - Any clauses limiting the time in which the Agency may bring suit against the Vendor, lessor, individual, or any other party are deleted.
10. **SIMILAR SERVICES** - Any provisions limiting the Agency's right to obtain similar services or equipment in the event of default or non-funding during the term of the agreement are hereby deleted.
11. **FEES OR COSTS** - The Agency recognizes an obligation to pay attorney's fees or costs only when assessed by a court of competent jurisdiction. Any other provision is invalid and considered null and void.
12. **ASSIGNMENT** - Notwithstanding any clause to the contrary, the Agency reserves the right to assign the agreement to another State of West Virginia agency, board or commission upon thirty (30) days written notice to the Vendor and Vendor shall obtain the written consent of Agency prior to assigning the agreement.
13. **LIMITATION OF LIABILITY** - The Agency, as a State entity, cannot agree to assume the potential liability of a Vendor. Accordingly, any provision in the agreement limiting the Vendor's liability for direct damages is hereby deleted. Vendor's liability under the agreement shall not exceed three times the total value of the agreement. Limitations on special, incidental or consequential damages are acceptable. In addition, any limitation is null and void to the extent that it precludes any action for injury to persons or for damages to personal property.
14. **RIGHT TO TERMINATE** - Agency shall have the right to terminate the agreement upon thirty (30) days written notice to Vendor. Agency agrees to pay Vendor for services rendered or goods received prior to the effective date of termination. In such event, Agency will not be entitled to a refund of any software license, subscription or maintenance fees paid.
15. **TERMINATION CHARGES** - Any provision requiring the Agency to pay a fixed amount or liquidated damages upon termination of the agreement is hereby deleted. The Agency may only agree to reimburse a Vendor for actual costs incurred or losses sustained during the current fiscal year due to wrongful termination by the Agency prior to the end of any current agreement term.
16. **RENEWAL** - Any reference to automatic renewal is deleted. The agreement may be renewed only upon mutual written agreement of the parties.
17. **INSURANCE** - Any provision requiring the Agency to purchase insurance for Vendor's property is deleted. The State of West Virginia is insured through the Board of Risk and Insurance Management, and will provide a certificate of property insurance upon request.
18. **RIGHT TO NOTICE** - Any provision for repossession of equipment without notice is hereby deleted. However, the Agency does recognize a right of repossession with notice.
19. **ACCELERATION** - Any reference to acceleration of payments in the event of default or non-funding is hereby deleted.
20. **CONFIDENTIALITY** - Any provision regarding confidentiality of the terms and conditions of the agreement is hereby deleted. State contracts are public records under the West Virginia Freedom of Information Act.
21. **AMENDMENTS** - All amendments, modifications, alterations or changes to the agreement shall be in writing and signed by both parties. No amendment, modification, alteration or change may be made to this addendum without the express written approval of the Purchasing Division and the Attorney General.

ACCEPTED BY:**STATE OF WEST VIRGINIA**

Spending Unit: _____

Signed: _____

Title: _____

Date: _____

VENDORCompany Name: Electronic Communications otu

Signed: _____

Title: PresidentDate: Oct 16 2013

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.
- 7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

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: Electronic Communications of WV Signed: [Signature]
 Date: Oct 16 2013 Title: President

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"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 exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Electronic Communications of WV Inc

Authorized Signature: [Signature] Date: Oct 16 2013

State of West Virginia

County of Kanawha, to-wit:

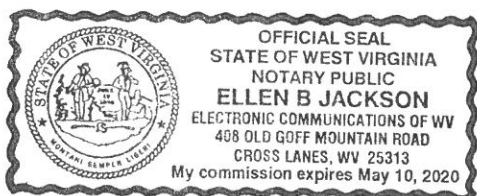
Taken, subscribed, and sworn to before me this 16 day of October 2013, 20

My Commission expires May 10, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC

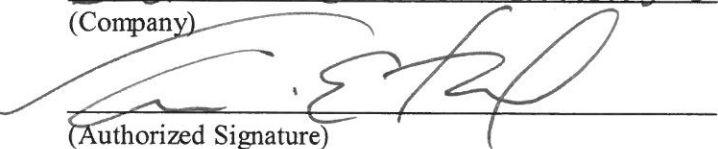
[Signature]
Purchasing Affidavit (Revised 07/01/2012)



CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety, understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

Electronic Communications of WV Inc
(Company)


(Authorized Signature)

Timothy E Ford President
(Representative Name, Title)

304-776-4091
(Phone Number)

304-776-7092
(Fax Number)

Oct 14 2013
(Date)



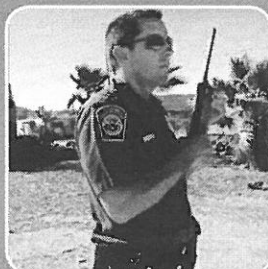
Synthesized Vehicular Repeaters



PYRAMID
COMMUNICATIONS

Since 1990

Communicate with Confidence

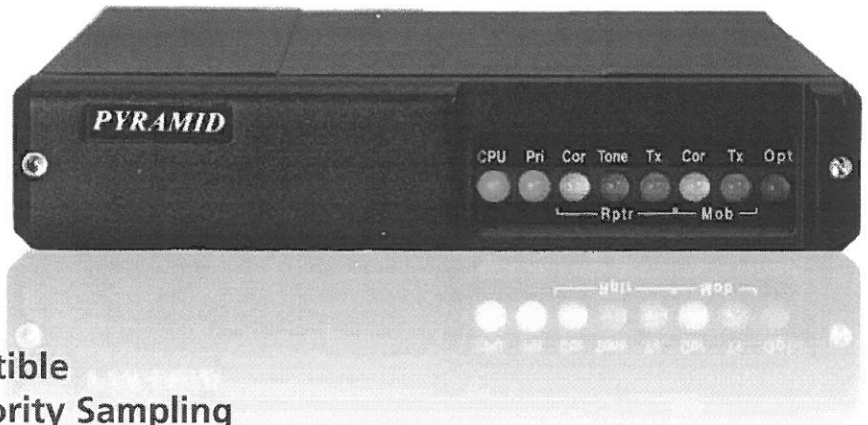


SVR 200 The Industry Standard

SINGLE CHANNEL

2 WATT COVERAGE

PRIORITY STRUCTURE



- ▲ Motorola PAC/RT Compatible
- ▲ "First Man Out" with Priority Sampling
- ▲ Synthesized Operation PC Programmable Frequencies and Tones
- ▲ LTR, EDACS and Motorola Trunking Compatible
- ▲ Factory Interface Cables for Most Popular Public Safety Radios
- ▲ Remote Channel Selector, Auxiliary Receiver, and In-Band Filtering Options

SVR 200 Single Channel Synthesized Vehicular Repeater

The Pyramid Communications model **SVR-200** is a μ P controlled, synthesized low power vehicle repeater. It is designed to **interface between a high power mobile radio and a low power handheld**. If the radio operator is out of the vehicle and the mobile radio is receiving a transmission, the SVR-200 will repeat the signal to the user's handheld. The user may also transmit back to the SVR-200 via their handheld, and the transmission will be repeated back to the base by the high power mobile radio, effectively **extending the range of the low power handheld** to that of the mobile radio. On-board logic control by the microprocessor ensures that only one vehicle will become active as the repeater, should several vehicles arrive at the same scene. The logic also **handles cases where the priority vehicle leaves** the scene, or another priority vehicle arrives from another scene.

The SVR-200 **remains the industry standard** in Public Safety Vehicular Repeaters with a complete line of accessories to ensure you get the most from your communications system. Factory interface cables for most popular public safety mobiles, **simplify installation** and **enhance reliability**. A complete line of filter products that **eliminate interference in crossband** and in-band applications. The RCS-200* allows personnel to remotely change the mobile channel from a DTMF keypad on the portable allowing **seamless communications with the appropriate agencies**.

714 901-5462
www.pyramidcomm.com



PYRAMID
COMMUNICATIONS
Since 1992

Specifications SVR 200



TRANSMITTER	VHF	UHF	700	800	900
Frequency Range	150–174 MHz	450–470 MHz 405–425 MHz ^o	764–776 MHz 794–806 MHz ^o	806–824 MHz 851–869 MHz	897–902 MHz ^o 936–941 MHz
RF power out	250mW - 2W	250mW - 2W	100mW - 600mW	100mW - 600mW	100mW - 600mW
Spurious emissions	-50dBc	-52dBc	-45dBc	-45dBc	-45dBc
Frequency stability -30°~+60°C	±1.5 PPM	±1.5 PPM	±1.5 PPM	±1.5 PPM	±1.5 PPM
Modulation	11KOF3E/16KOF3E	11KOF3E/16KOF3E	11KOF3E	11KOF3E/16KOF3E	11KOF3E
Hum and noise	-40dB	-40dB	-40dB	-40dB	-40dB
Audio response (300-3kHz)	Flat or -6dB/octave	Flat or -6dB/octave	Flat or -6dB/octave	Flat or -6dB/octave	Flat or -6dB/octave
Audio distortion	<3%@60% deviation	<3%@60% deviation	<3%@60% deviation	<3%@60% deviation	<3%@60% deviation
Local mic sensitivity	300mV - 5VPP	300mV - 5VPP	300mV - 5VPP	300mV - 5VPP	300mV - 5VPP
FCC Type Acceptance	LRUSVR-200VB	LRUSVR-200UD	LRUSVR-200M	LRUSVR-200M	LRUSVR-200M
Industry Canada Approval	2390 195 458A	2390 212 113A	2390A-SVR200M	2390A-SVR200M	2390A-SVR200M

RECEIVER	VHF	UHF	700	800	900
Frequency Range	150–174 MHz	450–470 MHz 405–425 MHz ^o	764–776 MHz 794–806 MHz ^o	806–824 MHz 851–869 MHz	897–902 MHz ^o 936–941 MHz
RF sensitivity	.35µV	.35µV	.35µV	.35µV	.35µV
Squelch sensitivity	.2µV to 2µV adjustable	.2µV to 2µV adjustable	.2µV to 2µV adjustable	.2µV to 2µV adjustable	.2µV to 2µV adjustable
Modulation acceptance	±3.75/±7.5kHz	±3.75/±7.5kHz	±3.75kHz	±3.75/±7.5kHz	±3.75kHz
Selectivity	72dB	60dB	50dB	50dB	50dB
Spurious/image rejection	70dB	60dB	60dB	60dB	60dB
IMD response	60dB	60dB	60dB	60dB	60dB
Frequency stability	1.5 PPM	1.5 PPM	1.5 PPM	1.5 PPM	1.5 PPM
Audio response (300-3kHz)	Flat or +6dB/octave	Flat or +6dB/octave	Flat or +6dB/octave	Flat or +6dB/octave	Flat or +6dB/octave
Audio output	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K
Local Rx audio	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion



^o SPECIAL ORDER

Power Requirements

DC Supply	13.6VDC negative ground ± 25%
Standby	170mA
Receive	250mA @ 400mW Rx Audio
Transmit	<1A @ rated output

Physical Dimensions	5.275"W x 6"L x 1.12"H
Weight	18 ounces
Case	One piece extruded aluminium

Mil-Std-810D/E Ratings

501.2	Procedure II High Temp +60°C
502.3	Procedure II Low Temp -30°C
507.2	Procedure II Humidity
510.2	Procedure II Blowing Dust
514.3	Procedure I Category 8 Vibration, Ground Vehicle
516.3	Procedure I Shock

"For years, security force personnel have had to endure the consequences of ineffective communications. Now we are able to constantly communicate in all previously identified dead spot areas."

– USAF Director of Security Forces



SVR 250 The Next Generation

MULTI CHANNEL

2 WATT COVERAGE

NEW ESP™ PRIORITY STRUCTURE

WIDE OR NARROW BAND

EMERGENCY SIGNALING



- ▲ SVR-200 Compatible
- ▲ 20 Channels
- ▲ 5 mS Priority Sampling
- ▲ Wide or Narrow Band Programmable Per Channel
- ▲ New ESP™ Multi Vehicle Format
- ▲ Optional Internal Auxiliary Receiver
- ▲ Emergency Signaling
- ▲ Factory Interface Cables for Most Popular Public Safety Radios

SVR 250 Twenty-Channel Synthesized Vehicular Repeater

The SVR-250 is the **next generation analog vehicular repeater** from Pyramid Communications. Available in VHF, UHF, 700, 800 and 900 MHz.

Enhanced features include the **fastest priority sampling time in the industry at 5 mS**, and **emergency signalling** from portable to dispatch. PC programmable for up to **20 channels**, with **wideband/narrowband, CTCSS/DCS, emergency or dual tone on a per channel basis**.

The SVR-250 utilizes the new ESP™ priority structure that **resolves priority conflicts during repeater idle time** rather than at the critical start of a conversation. With ESP™, priority vehicles are assigned without user intervention to ensure **uninterrupted communications** when users exit their vehicles. ESP™ also ensures a quick recovery if two vehicles get in a priority mode at one scene.

The SVR-250 can **interface to analog or P25 digital mobile radios**, providing flexible inter-operability between systems that wouldn't normally be able to communicate with analog

portable radios on a scene. The SVR-250 can **also interface to conventional or trunking mobiles** and is **capable of operating with Lightsquared (formally SkyTerra) mobile satellite phones**.

In trunking mode, the SVR-250 ensures proper acquisition of the trunking channel and uses the **Smart Trunking Access™** mechanism of alerting the portable users of trunking status information.

SVR-250 is **fully compatible with existing SVR-200** vehicular repeaters to provide **seamless integration** while users expand their systems or upgrade to the new SVR-250 with ESP™ system.

Optional capabilities include **full duplex operation for extended coverage** between handhelds, and the ARS-250 auxiliary receiver for half duplex mobile systems that do not repeat car-to-car.

714 901-5462
www.pyramidcomm.com



PYRAMID
COMMUNICATIONS
Since 1962

Specifications SVR 250 / SVR 252



TRANSMITTER

	VHF	UHF	700	800	900
Frequency Range	150-174 MHz	450-470 MHz 405-425 MHz^o	764-776 MHz 794-806 MHz^o	806-824 MHz 851-869 MHz	897-902 MHz^o 936-941 MHz
RF power out	250mW - 2W	250mW - 2W	100mW - 600mW	100mW - 600mW	100mW - 600mW
Spurious emissions	-50dBc	-52dBc	-45dBc	-45dBc	-45dBc
Frequency stability -30°~+60°C	±1.5 PPM	±1.5 PPM	±1.5 PPM	±1.5 PPM	±1.5 PPM
Modulation	11KOF3E/16KOF3E	11KOF3E/16KOF3E	11KOF3E	11KOF3E/16KOF3E	11KOF3E
Hum and noise	-40dB	-40dB	-40dB	-40dB	-40dB
Audio response (300-3kHz)	Flat or -6dB/octave	Flat or -6dB/octave	Flat or -6dB/octave	Flat or -6dB/octave	Flat or -6dB/octave
Audio distortion	<3%@60% deviation	<3%@60% deviation	<3%@60% deviation	<3%@60% deviation	<3%@60% deviation
Local mic sensitivity	300mV - 5VPP	300mV - 5VPP	300mV - 5VPP	300mV - 5VPP	300mV - 5VPP
FCC Type Acceptance	LRUSVR-200VB	LRUSVR-200UD	LRUSVR-200M	LRUSVR-200M	LRUSVR-200M
Industry Canada Approval	2390 195 458A	2390 212 113A	2390A-SVR200M	2390A-SVR200M	2390A-SVR200M

RECEIVER

	VHF	UHF	700	800	900
Frequency Range	150-174 MHz	450-470 MHz 405-425 MHz^o	764-776 MHz 794-806 MHz^o	806-824 MHz 851-869 MHz	897-902 MHz^o 936-941 MHz
RF sensitivity	.35µV	.35µV	.35µV	.35µV	.35µV
Squelch sensitivity	.2µV to 2µV adjustable	.2µV to 2µV adjustable	.2µV to 2µV adjustable	.2µV to 2µV adjustable	.2µV to 2µV adjustable
Modulation acceptance	±3.75/±7.5kHz	±3.75/±7.5kHz	±3.75kHz	±3.75/±7.5kHz	±3.75kHz
Selectivity	72dB	60dB	50dB	50dB	50dB
Spurious/image rejection	70dB	60dB	60dB	60dB	60dB
IMD response	60dB	60dB	60dB	60dB	60dB
Frequency stability	1.5 PPM	1.5 PPM	1.5 PPM	1.5 PPM	1.5 PPM
Audio response (300-3kHz)	Flat or +6dB/octave	Flat or +6dB/octave	Flat or +6dB/octave	Flat or +6dB/octave	Flat or +6dB/octave
Audio output	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K
Local Rx Audio	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion



^o SPECIAL ORDER

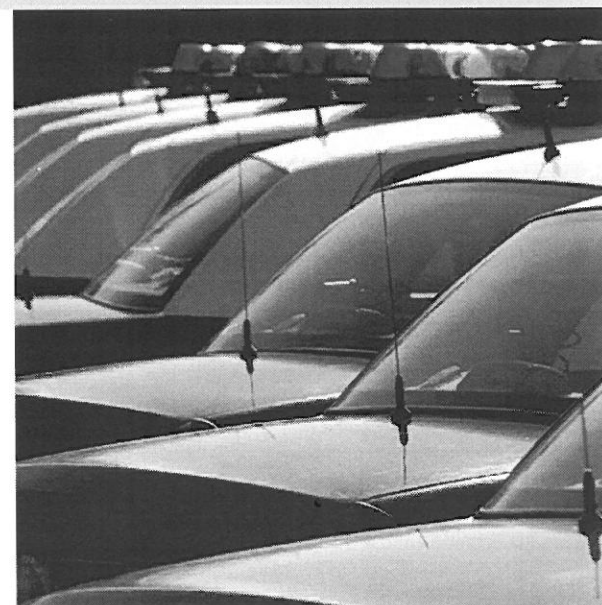
Power Requirements

DC Supply	13.6VDC negative ground ± 25%
Standby	170mA
Receive	250mA @ 400mW Rx Audio
Transmit	<1A @ rated output

Physical Dimensions	5.75" W x 10" L x 2.25" H
Weight	38 ounces
Case	One piece extruded aluminium

Mil-Std-810D/E Ratings

501.2	Procedure II High Temp +60°C
502.3	Procedure II Low Temp -30°C
507.2	Procedure II Humidity
510.2	Procedure II Blowing Dust
514.3	Procedure I Category 8 Vibration, Ground Vehicle
516.3	Procedure I Shock



SVR P250 P25 Compliant

MULTI CHANNEL

2 WATT COVERAGE

NEW ESP™ PRIORITY STRUCTURE

WIDE OR NARROW BAND

EMERGENCY SIGNALING

P25 PHASE 1 COMPLIANT

AES/DES ENCRYPTION



- ▲ **P25 Phase 1 Compliant**
- ▲ 20 Channels
- ▲ New ESP™ Multi Vehicle Format
- ▲ AES / DES Encryption
- ▲ Programmable P25 or Analog Per Channel
- ▲ SVR-200 and SVR-250 Compatible
- ▲ Wide or Narrow Band Programmable Per Channel
- ▲ Emergency Signaling
- ▲ Factory Interface Cables for Most Popular Public Safety Radios

SVR P250 P25 Twenty-Channel Digital Vehicular Repeater

The SVR-P250 is the next generation vehicular repeater from Pyramid Communications that is fully compliant with the **APCO Project 25 Phase 1 Digital Common Air Interface (CAI)** protocol.

Advanced features include **secure communications** with P25 portable radios, **AES and DES encryption**, and **emergency signaling** from portable to dispatch. **PC programmable** for up to **20 channels**, with P25, wideband/narrowband, CTCSS/DCS, and emergency signaling on a per channel basis.

The SVR-P250 utilizes the new **ESP™ priority structure** that **resolves priority conflicts during repeater idle time** rather than at the critical start of a conversation. With ESP™, priority vehicles are assigned without user intervention to ensure **uninterrupted communications** when users exit their vehicles. ESP™ also ensures a quick recovery if two vehicles get in a priority mode at one scene.

The SVR-P250 is **both P25 and analog capable** and can interface to analog or P25 mobiles providing **flexible inter-operability between systems**

that wouldn't normally be able to communicate. The SVR-P250 will **interface to analog, digital, conventional or trunking mobiles** and is capable of operating with Lightsquared (formally SkyTerra) mobile satellite phones. In trunking mode, the SVR-P250 ensures proper acquisition of the trunking channel and uses the **Smart Trunking Access™** mechanism of alerting the portable users of trunking status information.

In analog mode, the SVR-P250 is **fully compatible with existing SVR-200 and SVR-250** vehicular repeaters to provide seamless integration while users upgrade their systems from analog to P25 digital.



714 901-5462
www.pyramidcomm.com

PYRAMID
COMMUNICATIONS
SINCE 1993

Specifications SVR P250



TRANSMITTER

	VHF	UHF	764-870
Frequency Range	136-174 MHz	450-530 MHz	764-776 MHz + 850-870 MHz
RF power out	0.5 - 2W	0.5 - 2W	0.25 - 1W
Spurious emissions	-70dBc	-70dBc	-70dBc
Frequency stability -30°~+60°C	±1.5PPM	±1.5PPM	±1.5PPM
Modulation	10K0F1D, 10K0F1E, 10K0F7D, 10K0F7E, 11K0F3E, 12K3F1D, 16K0F3E, 4K80F2D, 7K60F1D, 8K10F1D, 8K10F1E, 8K10F7D, 8K10F7E, 8K40F2D	10K0F1D, 10K0F1E, 10K0F7D, 10K0F7E, 11K0F3E, 12K3F1D, 16K0F3E, 4K80F2D, 7K60F1D, 8K10F1D, 8K10F1E, 8K10F7D, 8K10F7E, 8K40F2D	10K0F1D, 10K0F1E, 10K0F7D, 10K0F7E, 11K0F3E, 12K3F1D, 16K0F3E, 4K80F2D, 7K60F1D, 8K10F1D, 8K10F1E, 8K10F7D, 8K10F7E, 8K40F2D
Hum and noise			
25/30kHz	-43dB	-43dB	-40dB
12.5kHz	-38dB	-38dB	-33dB
Audio response (300-3kHz)	Flat or -6dB/octave	Flat or -6dB/octave	Flat or -6dB/octave
Audio distortion	<3% @ 1kHz 60% deviation	<3% @ 1kHz 60% deviation	<3% @ 1kHz 60% deviation
Local mic sensitivity	300mV - 5VPP	300mV - 5VPP	300mV - 5VPP
FCC Type Acceptance	LRUSVR-P250V	LRUSVR-P250U	LRUSVR-P250M
Industry Canada Approval	2390A-SVRP250V	2390A-SVRP250U	2390A-SVRP250M

RECEIVER

	VHF	UHF	764-870
Frequency Range	136-174 MHz	450-530 MHz	764-776 MHz + 850-870 MHz
Analog sensitivity	0.28uV	0.28uV	0.28uV
Digital sensitivity (5% BER)	0.20uV	0.20uV	0.20uV
Squelch sensitivity	.2µV to 2µV adjustable	.2µV to 2µV adjustable	.2µV to 2µV adjustable
Selectivity			
25/30kHz channel	75dB	75dB	75dB
12.5kHz channel	65dB	65dB	65dB
Spurious/image rejection	75dB	75dB	75dB
IMD response	75dB	75dB	75dB
Frequency stability	±1.5PPM	±1.5PPM	±1.5PPM
Audio response (300-3kHz)	Flat or +6dB/octave	Flat or +6dB/octave	Flat or +6dB/octave
Audio output	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K	0-5VPP AC coupled 600/2.2K
Local Rx audio	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion	400 mW 8 Ohms@ <5% distortion



Power Requirements

DC Supply	13.6VDC negative ground ± 25%
Standby	170mA
Receive	250mA @ 400mW Rx Audio
Transmit	<2A @ rated output

Physical Dimensions	5.75" W x 10" L x 2.25" H
Weight	38 ounces
Case	One piece extruded aluminium

Mil-Std-810D/E Ratings

501.2	Procedure II High Temp +60°C
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507.2	Procedure II Humidity
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516.3	Procedure I Shock



SVR 252 Full Duplex Repeater

FULL DUPLEX REPEATER

DEPLOYABLE OR FIXED CONFIGURATION

COST EFFECTIVE

- ▲ PC Programmable Full Duplex Repeater
- ▲ VHF/UHF/700/800/900 MHz
- ▲ CTCSS and DCS
- ▲ 2 Watt Transmit Power Output
- ▲ Optional Duplexer, Housing and Power Supply for Tactical Deployment



SVR 252 Full Duplex Repeater (Shown with optional PS 252 and Duplexer)

The popular SVR-250 is now available in a **full duplex version** with many of the same features as the original. The SVR-252 is **PC programmable** on a per channel basis for frequency, tone/code, wide/narrow band operation and emergency operation. In addition, the SVR-252 is **full duplex**, which allows **extended coverage** from **portable to portable** as well as **portable to base** communications. Full duplex operation eliminates the "sampling" normally heard during base to portable transmissions.

The SVR-252 can be used as a **standalone repeater** in a command vehicle application to improve on-scene portable coverage. It is also available in a standard enclosure with a duplexer and DC power supply for **rapid deployment** in

emergency and interoperability applications. (As pictured: SVR-PS252)

When powered off of 110VAC, the Auxiliary DC terminals can be used as a **back-up battery input**, or used as a convenient **DC trickle charger/power** supply (Max current: 2 amps)

The SVR-252 can interface to analog or P25 digital mobile radios. The SVR-252 can also interface to conventional or trunking mobiles and is **capable of operating with Lightsquared (formally Skyterra) mobile satellite phones**. In trunking mode, the SVR-252 ensures proper acquisition of the trunking status information.

The SVR-PS252 is a rapid deployment, cost-effective solution for **on-scene portable to portable communications**.

For SVR 252 specifications, see www.pyramidcomm.com/svr252.html



Made in the USA



PYRAMID
COMMUNICATIONS
Since 1990

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Huntington Beach, CA 92649

Ph 714 901-5462

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www.pyramidcomm.com



SALES QUOTATION

ELECTRONIC COMMUNICATIONS OF WV INC

TOTAL COMMUNICATIONS SALES and SERVICE

October 16, 2013

408 Old Goff Mountain Road
Cross Lanes WV 25313
304-776-4091 phone, 304-776-7092 fax
Toll Free in WV 800-570-4091

QUOTED TO:

State of West Virginia
Department of Administration Purchasing Division
2019 Washington Street East
P.O. Box 50130
Charleston West Virginia 25305
Ref COR61631

SHIPPED TO:

Division of Corrections
1409 Greenbrier Street
Charleston West Virginia 25311

SALESPERSON	QUOTE #	SHIPPING METHOD	SHIPPING TERMS	DELIVERY DATE	PAYMENT TERMS
Tim Ford	10416	Standard	FOB	15 days Aro	Net 30

ITEM #	QTY	DESCRIPTION	CONTRACT PRICE	CONTRACT EXTENDED
1	75	Pyramid Synthesized Vehicular Repeaters SVR-200 single Channel	966.00	72,450.00
2	75	Pyramid Synthesized Vehicular Repeaters SVR-250 Twenty Channel	1,193.18	89,488.50
3	130	Interface Cable for Motorola APX7500 Mobile	63.00	8,190.00
4	130	Interface Cable for Kenwood Model TK-5810 Mobile	41.00	5,330.00
5	130	Interface Cable for Kenwood Model TK-5820 Mobile	41.00	5,330.00
6	1	Programming Software for the SVR- series Vehicular Repeaters	0.00	

SUBTOTAL	\$180,788.50
WV Sales Tax	
TOTAL	\$180,788.50