



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

# Request for Quotation

RFQ NUMBER  
**BPH11127**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**ROBERTA WAGNER**  
**304-558-0067**

VENDOR

\*222113321 02 877-832-6337  
**HUTTON COMMUNICATIONS INC**  
**4046 MOUND RD**  
  
**JOLIET IL 60436**

SHIP TO

**HEALTH AND HUMAN RESOURCES**  
**BPH - STATE TRAUMA &**  
**EMERGENCY MEDICAL SYSTEM**  
**190 HART FIELD ROAD**  
**MORGANTOWN, WV**  
**26505 304-581-2900**

DATE PRINTED <b>02/22/2011</b>	TERMS OF SALE <b>NET 30</b>	SHIP VIA <b>BEST WAY</b>	FOB <b>Destination</b>	FREIGHT TERMS <b>DDP &amp; ALLOWED</b>
BID OPENING DATE: <b>03/24/2011</b>		BID OPENING TIME <b>01:30PM</b>		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				OPEN-END BLANKET CONTRACT		
0001	1	EA		906-29		
				VARIOUS MICROWAVE ANTENNAS, LINES AND ACCESSORIES		
				<p>TO PROVIDE THE WVDHHR STATE TRAUMA &amp; EMERGENCY MEDICAL SYSTEM WITH AN OPEN END CONTRACT FOR THE PURCHASE OF VARIOUS MICROWAVE ANTENNAS, LINES AND ACCESSORIES FOR THE CONTINUED BUILD OUT AND MAINTENANCE OF THE STATEWIDE MEDICAL COMMAND MICROWAVE COMMUNICATIONS AND INTEROPERABLE RADIO SYSTEM THAT INCLUDES RF COMMUNICATIONS CARRIED ON ITS CURRENT MICROWAVE INFRASTRUCTURE PER THE ATTACHED SPECIFICATIONS.</p> <p>THIS IS A RE-BID OF BPH11085.</p> <p>LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AWARD..... AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL</p>		

**RECEIVED**

**2011 MAR 24 A 8:01**

**PURCHASING DIVISION  
 STATE OF WV**

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Sharon McDonald* TELEPHONE: **866-397-3357** DATE: **3-23-11**

TITLE: *SOFT ACCT COORD* FEIN: **751321231** ADDRESS CHANGES TO BE NOTED ABOVE

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

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

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.htm](http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/22/2011				

BID OPENING DATE: 03/24/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: 800-397-3357 DATE: 3-23-11

FEIN: 757321231 ADDRESS CHANGES TO BE NOTED ABOVE

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



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<p>ORDER.</p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>INQUIRIES:</p> <p>WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH CLOSE OF BUSINESS ON 3/8/2011. QUESTIONS MAY BE SENT VIA USPS, FAX, COURIER OR E-MAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, E-MAIL QUESTIONS ARE PREFERRED. ADDRESS INQUIRIES TO:</p> <p>ROBERTA WAGNER          DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25311</p> <p>FAX: 304-558-4115          E-MAIL: ROBERTA.A.WAGNER@WV.GOV</p> <p>EXHIBIT 4</p> <p>LOCAL GOVERNMENT BODIES: UNLESS THE VENDOR INDICATES IN THE BID HIS REFUSAL TO EXTEND THE PRICES, TERMS,</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>John A. McDaniel</i>	TELEPHONE 806-397-3357	DATE 3-23-11
TITLE Gov Auct Coord	FEIN 751321231	ADDRESS CHANGES TO BE NOTED ABOVE

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<p>AND CONDITIONS OF THE BID TO COUNTY, SCHOOL, MUNICIPAL AND OTHER LOCAL GOVERNMENT BODIES, THE BID SHALL EXTEND TO POLITICAL SUBDIVISIONS OF THE STATE OF WEST VIRGINIA. IF THE VENDOR DOES NOT WISH TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO ALL POLITICAL SUBDIVISIONS OF THE STATE, THE VENDOR MUST CLEARLY INDICATE SUCH REFUSAL IN HIS BID. SUCH REFUSAL SHALL NOT PREJUDICE THE AWARD OF THIS CONTRACT IN ANY MANNER.</p> <p>REV. 3/88</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>PURCHASING CARD ACCEPTANCE: THE STATE OF WEST VIRGINIA CURRENTLY UTILIZES A VISA PURCHASING CARD PROGRAM WHICH IS ISSUED THROUGH A BANK. THE SUCCESSFUL VENDOR MUST ACCEPT THE STATE OF WEST VIRGINIA VISA PURCHASING CARD FOR PAYMENT OF ALL ORDERS PLACED BY ANY STATE AGENCY AS A CONDITION OF AWARD.</p> <p>REV 07/16/2007</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>THIS TEAM EXHIBIT HAS BEEN REPLACED BY THE ONLINE VERSION WHICH IS AVAILABLE HERE:  <a href="http://www.state.wv.us/admin/purchase/vrc/venpref.pdf">HTTP://WWW.STATE.WV.US/ADMIN/PURCHASE/VRC/VENPREF.PDF</a></p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>John McDonald</i>	TELEPHONE 866-397-3357	DATE 3-23-11	
TITLE Gov Acct Coord.	FEIN 751321231	ADDRESS CHANGES TO BE NOTED ABOVE	

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LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION            PURCHASING DIVISION            BUILDING 15            2019 WASHINGTON STREET, EAST            CHARLESTON, WV 25305-0130</p> <p>PLEASE NOTE: A CONVENIENCE COPY WOULD BE APPRECIATED.</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER:-----RW/FILE 22-----</p> <p>RFQ. NO.:-----BPH11127-----</p> <p>BID OPENING DATE:--03/24/2011-----</p> <p>BID OPENING TIME:--1:30 PM-----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>-----815-744-6066-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p>						

SIGNATURE <i>Sharon A. Cooper</i>		SEE REVERSE SIDE FOR TERMS AND CONDITIONS	
TITLE <i>Gov Acct Coord.</i>	FEIN 757321231	TELEPHONE 866-397-3357	DATE 3-23-11
ADDRESS CHANGES TO BE NOTED ABOVE			

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02/22/2011				

BID OPENING DATE: **03/24/2011**                      BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ BPH11127 *****						# <u>1,470,879.90</u>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS.

SIGNATURE <i>Sharon R. Small</i>	TELEPHONE 866-387-3357	DATE 3-23-11
TITLE Gov Asst Coord	FEIN 75321231	ADDRESS CHANGES TO BE NOTED ABOVE

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

**REQUEST FOR QUOTATION**  
WV DHHR Office of EMS  
RFQ# BPH11127

The West Virginia Department of Health and Human Resources (DHHR), Bureau of Public Health (BPH), Office of Emergency Medical Services (OEMS), Division of Medical Communications, hereinafter referred to as the "Agency," desires to establish an open-end contract for the purchase of various microwave antennas, lines and accessories to serve remote radio sites. The Agency is responsible for operating the Statewide Medical Command System that includes RF communications carried on its current microwave infrastructure. Other entities of West Virginia state government as well as counties, municipalities and Public Safety Agencies within the state of West Virginia shall be able to piggy back on this contract with prior approval from the Agency.

**1.0 GENERAL INFORMATION**

- 1.1 Vendor quoted amounts shall include freight and shipping costs F.O.B. to destination to any West Virginia location. Specifically, no additional charges shall be quoted for shipping.
- 1.2 Vendor must complete the price list quote sheet and include the lowest catalog list price, the percent discount, and the quoted price on the sheet.
- 1.3 If percent discount differs for other categories of equipment, then the vendor must include the percent discount for each category of equipment.
- 1.4 The percent discount for the sample sheet of items must be the same percent discount for that category of equipment in the catalog percent discount quote.
- 1.5 Andrew part numbers are listed to assist in product identification but equivalent parts may be quoted from other manufacturers as long as the other manufacturer is specifically noted and certified as equivalent.
- 1.6 Vendor must attach a current catalog price list.
- 1.7 The percent discount from list shall remain the same during the entire contract period, including any renewals.
- 1.8 Accessories shall be priced in lots to indicate price breaks per volume ordered.
- 1.9 Items listed are not to be construed to be the only items needed. The list represents the most frequently utilized items. It is the intent of the State to utilize the entire catalog of like items.
- 1.10 Each quotation must contain, at a minimum, technical documentation including literature sufficient for an effective evaluation of the equipment being proposed.



- 1.11 If, for any reason, before final acceptance, the equipment is found to be defective or not as warranted and/or contracted for, WV DHHR BPH OEMS may refuse to accept it and the Bidder shall be so advised and shall be required to correct the defective equipment within a reasonable time as defined by WV DHHR BPH OEMS. All costs relating thereto, including freight, shall be at Bidder's own expense.
- 1.12 Award of this contract will go to a single vendor who meets all of the specifications as outlined in this RFQ at the lowest price.
- 1.13 The contents of the submission of the successful Bidder shall be considered as contractual obligations. Failure to meet these obligations may result in voidance of the contract.
- 1.14 The Agency will issue a State contract order form to the vendor for items covered by this contract with item quantities and location for delivery.
- 1.15 Payment to vendor will be made following delivery of equipment ordered once a final and complete invoice is received. Payment will be made within 60 days of invoice upon agency approval and acceptance.
- 1.16 WV BPH OEMS may place orders that will be paid for with ARRA funds. The successful vendor must agree to and sign the attached ARRA statement. Any order placed with ARRA funds will be noted on the purchase order.

## **2.0 DETAILED SPECIFICATIONS FOR MICROWAVE ANTENNAS, LINES AND ACCESSORIES**

- 2.1 See Attachment A

## **3.0 ARRA Fund Agreement**

- 3.1 See Attachment B

RFQ# BPM11127 Open End Contract for Microwave Antennas - Lines - Accessories  
 See Price Page sent on 2/24/11 addendum

Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
1	8	ea	4ft	HPX	5.9 - 6.4	HPX4-59-P3A/A			\$ -	1.2 m / 4ft High Performance Parabolic Shielded Antenna, dual-polarized, 5.925 - 6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack, 1 inbrd strut incl
2	6	ea	6ft	STD DPF	5.9 - 6.4	520919-4			\$ -	Feed, dual-polarized, replaces single pole feed for PAR6-59 standard antenna, becomes PARX6-59
3.1	20	ea	6ft	STD DPF	5.9 - 6.4	PARX6-59PXA/A			\$ -	1.8 m / 6 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual-polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - Strut included: 1 Inboard. Strut optional: 1 Outboard
4	3	ea	6ft	HP DPF	5.9 - 6.4	203868-2			\$ -	Feed, dual-polarized, replaces single pole feed for HP6-59 high perf antenna, as HPX6-59
5	1	ea	6ft	HP DPF	5.9 - 6.4	HPX6-59-P3A/K			\$ -	1.8m / 6 ft High Perf Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack, 1-piece reflector - Cat A, 1 inbrd strut incl, opt outbrd strut
5.1	1	ea	6ft	SHP DPF	5.9 - 6.4	HSX6-59-P3A/B			\$ -	1.8m / 6 ft High Performance Super High XPD Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector
5.2	4	ea	6ft	UHP DPF	5.9 - 6.4	UHX6-59-P3A/L			\$ -	1.8m / 6 ft Ultra High Performance XPD Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector
6	3	ea	8ft	STD DPF	5.9 - 6.4	520919-6			\$ -	Feed, dual-polarized, replaces single pole feed for PAR8-59 standard antenna, becomes PARX8-59
7	6	ea	8ft	STD DPF	5.9 - 6.4	PARX8-59-PXA			\$ -	2.4 m / 8ft Parabolic Unshielded Antenna for Relocation FCC Cat A-dual-polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - FCC Cat A Order struts extra 1 Inboard. 1 Outboard
8	5	ea	8ft	HP DPF	5.9 - 6.4	203868-4			\$ -	Feed, dual-polarized, replaces single pole feed for HP8-59 high performance antenna, becomes HPX8-59
9	1	ea	8ft	HP DPF	5.9 - 6.4	HPX8-59-P3A			\$ -	2.4m / 8ft High Performance Parabolic shielded Antenna dual polarized, 5.925 - 6.425 GHz, FCC Cat A CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - FCC Cat A. Strut included, 1 Inboard, 1 outboard Strut optional 2 Outboard
10	4	ea	8ft	SHP DPF	5.9 - 6.4	HSX8-59-P3A			\$ -	2.4m / 8 ft Super High DPF Parabolic shielded Antenna dual polarized, 5.925 - 6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector
10.1	5	ea	8ft	UHP DPF	5.9 - 6.4	UHX8-59-P3A			\$ -	2.4m / 8 ft Ultra High Performance DPF Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector

**RFQ# BPH1127 Open End Contract for Microwave Antennas - Lines - Accessories**

MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
11	4	ea	10ft	STD DPF	5.9 - 6.4	PARX10-59-P7A			\$ -	3.0m / 10 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual- polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, with flash, standard pack - one-piece reflector. Strut Included: 1 Inboard. Strut optional: 2 Outboard. Order molded radome separately to be included with UNIPAK shipping option
11.1	2	ea	10ft	STD DPF	5.9 - 6.4	520939-3			\$ -	Feed, dual-polarized, replaces single pole feed for PAR10-59 standard antenna, becomes PARX10-59
11.2	2	ea	10ft	HP DPF	5.9 - 6.4	HSX10-59-P3A			\$ -	3.0m / 10 ft High Performance Super High XPD Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack - one-piece reflector
12	2	ea	6ft	STD WB DPF	5.9 - 7.1	PARX6-59W-PXA/A (PN Discontinued)			\$ -	1.8m / 6 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual- polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, molded gray radome with flash, standard pack - one-piece reflector - Strut Included: 1 Inboard. Strut optional: 1 Outboard
13	7	ea	6ft	UHP DPF	5.9 - 7.1	UHX6-59W-P3A/B			\$ -	1.8m / 6 ft Ultra High Performance Parabolic shielded Antenna dual polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack - one-piece reflector - FCC Cat A
14	7	ea	8ft	STD WB DPF	5.9 - 7.1	PARX8-59W-PXA			\$ -	2.4m / 8 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual- polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, molded gray radome with flash, standard pack - one-piece reflector - side struts order extra 1 Inboard, 1 outboard
15	12	ea	8ft	UHP DPF	5.9 - 7.1	UHX8-59W-P3A			\$ -	2.4m / 8 ft Ultra High Performance Parabolic shielded Antenna dual polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack - one-piece reflector - FCC Cat A. Struts included 1 Inboard 1 outboard. Optional struts 2 outboard
16	3	ea	10ft	STD WB DPF	5.9 - 7.1	PARX10-59W-P7A			\$ -	3.0m / 10 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual- polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, molded gray radome with flash, standard pack - one-piece reflector - strut included 1 Inboard, struts optional 2 outboard. Order molded radome separately to be included with UNIPAK shipping option
17	3	ea	10ft	UHP DPF	5.9 - 7.1	UHX10-59W-P3A			\$ -	3.0m / 10 ft Ultra High Performance Parabolic shielded Antenna dual polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack - one-piece reflector - FCC Cat A. Struts included 1 Inboard 1 outboard. Optional struts 2 outboard
18	4	ea	10ft	UHP DPF	5.9 - 7.1	UHX10-59W-P3M			\$ -	3.0m / 10 ft Ultra High Performance Parabolic Shielded Antenna, dual-polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack - two-piece reflector - FCC Cat A - Struts included: 1 Inboard, 1 Outboard. Optional Struts: 2 Outboard

RFQ# BPH1127 Open End Contract for Microwave Antennas - Lines - Accessories

MANUFACTURER: COMMScope/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
19	4	ea	6ft	HP DPF	6.4 - 7.1	HPX6-65-P1A/F			\$ -	1.8m / 6 ft High Performance Parabolic shielded Antenna dual polarized, 6.425-7.125 GHz, FCC Cat B CPR137G, gray antenna, standard white radome with flash, standard pack—one-piece reflector - Strut included, 1 Inboard, Strut optional 1 Outboard
20	3	ea	6ft	STD DPF	6.4 - 7.1	S20609-1			\$ -	Feed, dual-polarized, replaces single pole feed for PAR6-65 standard antenna, becomes PARX6-65
21	5	ea	8ft	STD DPF	6.4 - 7.1	PARX8-65-PXA			\$ -	2.4m / 8 ft High Performance Parabolic Unshielded Antenna for relocation, FCC CAT A dual-polarized, 6.425-7.125 GHz, - CPR137G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - order Struts extra: 1 Inboard, 1 Outboard
22	2	ea	8ft	HP DPF	6.4 - 7.1	HPX8-65-P3A			\$ -	2.4m / 8 ft High Performance Parabolic Shielded Antenna, dual-polarized, 6.425-7.125 GHz, FCC CAT A - CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - Struts included: 1 Inboard, 1 Outboard, Optional Struts: 2 Outboard
23	2	ea	10ft	STD DPF	6.4 - 7.1	PARX10-65-P7A			\$ -	3.0m / 10 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual-polarized, 6.425-7.125 GHz, CPR137G, gray antenna with flash, standard pack—one-piece reflector struts included 1 Inboard, struts optional 2 outboard. Order molded radome separately to be included with UNIPAK shipping option
24	3	ea	10ft	HP DPF	6.4 - 7.1	HPX10-65-P3A			\$ -	3.0m / 10 ft High Performance Parabolic Shielded Antenna, dual-polarized, 6.425-7.125 GHz, FCC CAT A - CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - Struts included: 1 Inboard, 1 Outboard, Optional Struts: 2 Outboard
25.1	15	ea	3ft	HP DPF	10.0-11.6	VHLPX3-11W-6GR			\$ -	1.0 m   3ft ValuLine® High Performance Low Profile Antenna, dual polarized, 10.0-11.6 GHz, FCC Cat A, CPR90G, gray antenna, polymer gray radome without flash, standard
26	2	ea	4ft	HP DPF	10.0 - 10.7	VHLPX4-10W-6GR/A			\$ -	1.2m / 4ft ValuLine High Performance Low profile antenna, dual polarized. 10.00 - 10.70 GHz, Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 Inboard, optional strut : 1 Inboard
27	4	ea	6ft	HP DPF	10.0 - 10.7	VHLPX6-10W-6GR/B			\$ -	1.8m / 6ft ValuLine High Performance Low profile antenna, dual polarized. 10.00 - 10.70 GHz, Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 Inboard, optional strut : 1 Inboard
28	3	ea	2ft	HP DPF	10.7 - 11.7	VHLPX2-11-6GR			\$ -	0.6m / 2 ft ValuLine® High Performance Low Profile Antenna, dual-polarized, 10.700-11.700 GHz, FCC Cat B, CPR90G, gray antenna, polymer gray radome without flash, standard pack—one-piece reflector - Struts included: 0, Struts Optional: 0

RFQ# BPH11127 Open End Contract for Microwave Antennas - Lines - Accessories

MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Pct Cent Discount	Extended	Description
29	2	ea	2.6ft	HP DPF	10.7 - 11.7	VHLPX800-11-6GR			\$ -	800mm / 2.6ft ValuLine High Performance Low profile antenna, dual polarized. 10.700 - 11.700 Ghz, Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 0 Inboard, optional strut : 0 Inboard
30	2	ea	4ft	HP DPF	10.7 - 11.7	VHLPX4-11-6GR/B			\$ -	1.2m / 4ft ValuLine High Performance Low profile antenna, dual polarized. 10.700 - 11.700 Ghz, Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 Inboard, optional strut : 1 Inboard
31	2	ea	6ft	STD DPF	10.7 - 11.7	PXL6-107-P7A/D			\$ -	1.8m / 6ft standard parabolic low VSWR unshielded antenna, dual polarized. 10.700 - 11.700 Ghz, Cat B, CPR90G gray antenna with flash, standard pack one piece reflector. Struts included: 1 Inboard, optional strut : 1 Inboard
32	2	ea	6ft	HP DPF	10.7 - 11.7	204561-17			\$ -	Feed, dual-polarized, replaces single pole feed for HP6-107 High performance antenna, becomes HPX6-107
33	2	ea	6ft	HP DPF	10.7 - 11.7	VHLPX6-11-6GR/A			\$ -	1.8m / 6ft ValuLine High Performance Low profile antenna, dual polarized. 10.700 - 11.700 Ghz, FCC Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 Inboard, optional strut : 1 Inboard
33.2	2	ea	6ft	HP DPF	10.7 - 11.7	HSX6-107-P3A/A			\$ -	1.8m / 6ft High Performance Super High XPD Parabolic shielded antenna, dual polarized. 10.700 - 11.700 Ghz, CPR90G gray antenna enhanced white radome with flash, standard pack one piece reflector.
33.3	2	ea	6ft	UHX6-107	10.7 - 11.7	UHX6-107-P3A/K			\$ -	1.8m / 6ft Ultra High Performance Parabolic shielded antenna, dual polarized. 10.700 - 11.700 Ghz, CPR90G gray antenna enhanced white radome with flash, standard pack one piece reflector.
34	2	ea	8ft	STD DPF	10.7 - 11.7	PXL8-107-P7A			\$ -	2.4m / 8ft standard parabolic low VSWR unshielded antenna, dual polarized. 10.700 - 11.700 Ghz, Cat A, CPR90G gray antenna with flash, standard pack one piece reflector. Struts included: 0, optional strut : 1 Inboard, 1 Outboard
35	2	ea	8ft	HP DPF	10.7 - 11.7	HPX8-107-P3A			\$ -	2.4m / 8ft High Performance parabolic shielded antenna, dual polarized. 10.700 - 11.700 Ghz, Cat A, CPR90G gray antenna, enhanced white radome with flash, standard pack one piece reflector. Struts included: 1 Inboard, 1 Outboard. Side strut optional 2 Outboard
35.1	4	ea	8ft	HP DPF	10.7 - 11.7	HSX8-107-P3A			\$ -	2.4m / 8ft High Performance Super High XPD parabolic shielded antenna, dual polarized. 10.700 - 11.700 Ghz, CPR90G gray antenna, enhanced white radome with flash, standard pack one piece reflector.
35.2	2	ea	8ft	UHX8-107	10.7 - 11.7	UHX8-107-P3A			\$ -	2.4m / 8ft Ultra High Performance parabolic shielded antenna, dual polarized. 10.700 - 11.700 Ghz, CPR90G gray antenna, enhanced white radome with flash, std pack - one
36	2	ea	2ft	HP DPF	17.7 - 19.7	VHLPX2-18-1GR/B			\$ -	0.6m / 2ft ValuLine® High Performance Low Profile Antenna, dual-polarized, 17.700-19.700 GHz, FCC Cat A, UG-595/U modified, gray antenna, polymer gray radome without flash, standard pack— one-piece reflector - Strut included: 0. Strut optional: 0

**RFQ# BPH11427 Open End Contract for Microwave Antennas - Lines - Accessories**

Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
37	2	ea	2.5ft	HP DPF	17.7 - 19.7	VHLPX2.5-18-1GR			\$ -	0.8m / 2.5ft ValuLine® High Performance Low Profile Antenna, dual-polarized, 17.700-19.700 GHz, FCC Cat A, UG-595/U modified, gray antenna, polymer gray radome without flash, standard pack—one-piece reflector - Strut included: 0. Strut optional: 0
38	2	ea	4ft	HP DPF	17.7 - 19.7	VHLPX4-18-1GR/A			\$ -	1.2m / 4ft ValuLine High Performance Low profile antenna, dual polarized. 17.700 - 19.700 Ghz, Cat A, UG595/U modified gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 Inboard, optional strut : 1 outboard
38.1	2	ea	3ft	HP DPF	17.7 - 19.7	VHLPX3-18-1GR				1.0m / 3 ft ValuLine® High Performance Low Profile Antenna, dual-polarized, 17.700-19.700 GHz, FCC Cat A, UG-595/U modified, gray antenna, polymer gray radome without flash, standard pack—one-piece reflector - Strut included: 0. Strut optional: 1 Inboard
39	2	ea	6ft			R6E			\$ -	Extra strength molded gray radome without flash
40	2	ea	8ft			R8F			\$ -	Extra strength molded gray radome without flash
41	2	ea	10ft			391938			\$ -	Extra strength molded gray radome without flash
42	0	Note							\$ -	Struts: Antennas include one or two side struts, depending on model. Where one side strut is supplied, it includes a stainless steel threaded rod fine azimuth adjustment. Where two side struts are supplied, one is adjustable (has fine azimuth adjustment) and the other is fixed (adjustable but without fine azimuth adjustment).
43	10	ea	61-in	Inboard		VSTRUT-P3KIT			\$ -	Inboard Side Strut Kit for 4 ft and 6 ft microwave and ValuLine® antennas, fixed
44	10	ea	10.5ft	Inboard		520570-10			\$ -	Inboard Side Strut Kit for 6 ft microwave antennas, fixed
45	17	ea	10.5ft	Inboard		520570-1			\$ -	Inboard Side Strut Kit for 8ft, 10ft, and 12 ft microwave antennas, adjustable, includes azimuth adjustment kit
46	93	ea	10.5ft	Outboard		520570-3			\$ -	Outboard side strut kit for 8ft, 10ft, and 12ft, microwave antennas, fixed
47	34	ea	5.0ft	Bottom		520570-5			\$ -	Bottom strut kit for 8ft, 10ft, and 12ft, microwave antennas, fixed
48	124	ea		Strut Collar		520477			\$ -	Strut collar assembly provides tower interface and strut securement point
49	124	ea		Strut Bracket		520568			\$ -	Reflector Strut Bracket Kit - Provides attachment point for fixed strut
50	10	ea		Adj Kit		520569			\$ -	Azimuth Adjustment Kit - Allows fine movement of antenna during alignment
51	15827	ft		EW-52	5.9 - 6.4	EW-52			\$ -	EW52, HELIAX® Standard Elliptical Waveguide, 5.6-6.425 GHz, black PE Jacket
52	18221	ft		EW-63	5.9 - 7.1	EW-63			\$ -	EW63, HELIAX® Standard Elliptical Waveguide, 5.925-7.125 GHz, black PE jacket

RFQ# BPH1127 Open End Contract for Microwave Antennas - Lines - Accessories

MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
53	705	ft		EW-90	10.2 - 11.7	EW-90			\$ -	EW90, HELLAX® Standard Elliptical Waveguide, 10.2—11.7 GHz, black PE jacket
54	0	ft		EW-180	17.3 - 19.7	EW-180			\$ -	EW180, HELLAX® Standard Elliptical Waveguide, 17.3—19.7 GHz, black PE jacket
55	128	ea		EW-52	5.9 - 6.4	2525E			\$ -	Connector, fixed-tuned for EW-52 waveguide
56	96	ea		EW-63	5.9 - 7.1	1635E			\$ -	Connector, fixed-tuned for EW-63 waveguide
57	8	ea		EW-90	10.2 - 11.7	1905E			\$ -	Connector, fixed-tuned for EW-90 waveguide
58	6	ea		EW-180	17.7 - 19.7	1180SC			\$ -	Connector, Fixed-tuned UG-595/U for elliptical waveguide 180
59	112	ea		CPR137G	6.2/6.7	55001-137			\$ -	Pressure window, EIAflang CPR137G
60	4	ea		CPR90G	10.2 - 10.7	55001-90			\$ -	Pressure window, EIA flange CPR90G
61	4	ea			17.7 - 19.7	55000A-42			\$ -	Pressure Window for WR42, 17.7—26.5 GHz, mates to UG-596A/U
62	4	ea		EW-52		33544-38			\$ -	Connector Reattachment Kit for elliptical waveguide 52
63	4	ea		EW-52		45594-152B			\$ -	Hardware Kit for 152 or 252 Connectors
64	4	ea		CPR137G		39099-137			\$ -	Standard Termination Load for unused dual feed port
64.1	4	ea		CPR90G		39099-90			\$ -	Standard Termination Load for unused dual feed port
65	4	ea	12-in	CPR137G	6.2/6.7	F137CCS1			\$ -	Flexible Twist for WR137, 5.85—8.2 GHz, with Interface types CPR137G and CPR137G, 300 mm
66	4	ea	24-in	CPR137G	6.2/6.7	F137CCS2			\$ -	Flexible Twist for WR137, 5.85—8.2 GHz, with interface types CPR137G and CPR137G, 600 mm
67	112	ea	36-in	CPR137G	6.2/6.7	F137CCS3			\$ -	Flexible Twist for WR137, 5.85—8.2 GHz, with interface types CPR137G and CPR137G, 900 mm
68	4	ea	12-in	CPR90G	10.2 - 10.7	F090CCA1			\$ -	Flexible Twist for WR90, 10.2—10.7 GHz, with Interface types CPR90G and CPR90G, 300 mm
69	4	ea	24-in	CPR90G	10.2 - 10.7	F090CCA2			\$ -	Flexible Twist for WR90, 10.2—10.7 GHz, with Interface types CPR90G and CPR90G, 600 mm
70	4	ea	35-in	CPR90G	10.2 - 10.7	F090CCA3			\$ -	Flexible Twist for WR90, 10.2—10.7 GHz, with Interface types CPR90G and CPR90G, 900 mm
71	4	ea	12-in	CPR90G	10.7 - 11.7	F090CCB1			\$ -	Flexible Twist for WR90, 10.7—11.7 GHz, with Interface types CPR90G and CPR90G, 300 mm

RFQ# BPH114127 Open End Contract for Microwave Antennas - Lines - Accessories

MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
72	4	ea	24-in	CPR90G	10.7 - 11.7	F090CCB2			\$ -	Flexible Twist for WR90, 10.7 - 11.7 GHz, with interface types CPR90G and CPR90G, 600 mm
73	4	ea	36-in	CPR90G	10.7 - 11.7	F090CCB3			\$ -	Flexible Twist for WR90, 10.7 - 11.7 GHz, with interface types CPR90G and CPR90G, 900 mm
74	4	ea	12-in	UG-595/U - UG596/U	17.7 - 19.7	F042ABS1			\$ -	Flexible Twist for WR42, 17.7 - 26.5 GHz, with interface types UG-596A/U and UG-595/U, 300 mm [.8dB/ft]
75	4	ea	24-in	UG-595/U - UG596/U	17.7 - 19.7	F042ABS2			\$ -	Flexible Twist for WR42, 17.7 - 26.5 GHz, with interface types UG-596A/U and UG-595/U, 600 mm [.8dB/ft]
76	4	ea	36-in	UG-595/U - UG596/U	17.7 - 19.7	F042ABS3			\$ -	Flexible Twist for WR42, 17.7 - 26.5 GHz, with interface types UG-596A/U and UG-595/U, 900 mm [.8dB/ft]
77	4	ea	10-in	Rigid	5.9 - 7.1	D137CCSG			\$ -	Rigid 90-deg step-twist, CPR137G flange ea end
78	4	ea	12-in	Rigid	5.9 - 7.1	D137CCAG			\$ -	Rigid 90-deg step-twist, 12-in CPR137G flange ea end, gray
79	500	Pkg of 10				31768A			\$ -	Angle Adapter, standard, 3/8 in tapped hole
80	325	Pkg of 10		EW-52		EW5H-52			\$ -	Universal Snap-in Hanger for elliptical waveguide 52
81	225	Pkg of 10		EW-52		42396A-8			\$ -	Butterfly Hanger for elliptical waveguide 52
82	458	Pkg of 10		EW-63		EW5H-63			\$ -	Universal Snap-in Hanger for elliptical waveguide 63
83	5	Pkg of 10		EW-63		42396A-7			\$ -	Butterfly Hanger for elliptical waveguide 63
84	5	Pkg of 10		EW-90		EW5H-90			\$ -	Universal Snap-in Hanger for elliptical waveguide 90
85	5	Pkg of 10		EW-90		42396A-5			\$ -	Butterfly Hanger for elliptical waveguide 90
86	5	Pkg of 10		EW-180		EW5H-180			\$ -	Universal Snap-in Hanger for elliptical waveguide 180
87	5	Pkg of 10		EW-180		43211A			\$ -	Butterfly Hanger for 1/2 in or 3/8 in coaxial cable and elliptical waveguide 180
88	725	ea	5ft	2-Hole		220498			\$ -	Grounding kit, 60" cable with 2-hole factory attached lug,
89	74	Pkg of 10		2-Hole		241088-1			\$ -	Lug, 2-hole, crimp, for grounding cable cut in field to length
90	5	ea	2ft	2-Hole		241088-4			\$ -	Grounding kit, 24" cable with 2-hole factory attached lug,
91	5	ea	24-in	2-Hole		241088-2			\$ -	Grounding kit, 24" cable with 2-hole factory attached lug,
92	5	ea				EW8TK-2			\$ -	Bending tool kit for elliptical waveguides 52 to 85
93	5	ea				EW8TK-1			\$ -	Bending tool kit for elliptical waveguides 90 to 240
94	5	ea				EWFTK-52			\$ -	Flaring Tool Kit for elliptical waveguide 52
95	5	ea				EWFTK-63			\$ -	Flaring Tool Kit for elliptical waveguide 63



RFO# BPH11127 Open End Contract for Microwave Antennas - Lines - Accessories

Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
96	5	ea				204919			\$ -	Flaring Tool Kit for elliptical waveguide 90
97	5	ea				201439			\$ -	Flaring Tool Kit for elliptical waveguide 180
98	112	ea		EW-52/63		24312A			\$ -	Lace-up Hoisting Grip for 1-5/8 in coaxial cable and elliptical waveguide EW 52, and 63
99	4	ea		EW-90		29958			\$ -	Lace-up Hoisting Grip for 5/8 in coaxial cable and elliptical waveguide 90
100	4	ea		EW-180		43094			\$ -	Lace-up Hoisting Grip for 1/2 in coaxial cable and elliptical waveguide 180 and 220
101	4	ea		EW-63		163DZ			\$ -	Connector Splice for elliptical waveguide 63
102	4	ea	1-Port	EW-52		245314-52			\$ -	Single Entrance Panel for elliptical waveguide 52, includes boot
103	4	ea	1-Port	EW-63		245314-63			\$ -	Single Entrance Panel for elliptical waveguide 63, includes boot
104	4	ea	1-Port	EW-90		245314-90			\$ -	Single Entrance Panel for elliptical waveguide 90, includes boot
105	4	ea	1-Port	EW-180		245314-180			\$ -	Single Entrance Panel for elliptical waveguide 180, includes boot
106	38	ea	4-Port	Aluminum		204673-4			\$ -	4 Port Entrance Panel, 1 x 4, includes caps
107	6	ea	8-Port	Aluminum		204673-8			\$ -	8 Port Entrance Panel, 2 x 4, gray, includes caps
108	6	ea	12-Port	Aluminum		204673-12			\$ -	12 Port Entrance Panel, 3 x 4, gray, includes caps
109	68	ea	4-In	EW-52		WGB4-52			\$ -	Boot Assembly, 4 in, for elliptical waveguide 52
110	48	ea	4-In	EW-63		WGB4-63			\$ -	Boot Assembly, 4 in, for elliptical waveguide 63
111	4	ea	4-In	EW-90		WGB4-90			\$ -	Boot Assembly, 4 in, for elliptical waveguide 90
112	12	ea	4-In	EW-180		WGB4-180			\$ -	Boot Assembly, 4 in, for elliptical waveguide 180
113	16	ea	<60ft3	Auto Membrane		MT050B-81015			\$ -	DryLine® Dehydrator, Low-pressure membrane, 19 in rack mountable, 3.0— 5.0 psig, with discrete alarm: Low Pressure, 115/230 Vac, 50/60 Hz, auto-detecting:
114	22	ea	<60ft3	Auto Membrane		MT050B-81315			\$ -	DryLine® Dehydrator, Low-pressure membrane, 19 in rack mountable, 3.0— 5.0 psig, with discrete alarm: Excess Run, High Humidity, Low Pressure, Power Fail 115/230 Vac, 50/60 Hz, auto-detecting:
115	22	ea		Wall Mount		AE01D-D1658-100			\$ -	Dehydrator Wall Shelf for MTO50B dehydrator
116	15	ea	3/8 in	poly tubing		AE01K-D0840-025			\$ -	Polyethylene Tube, black, 3/8 in OD x 1/16 in wall x 25 ft (7.62 m) roll
117	38	ea		Panel		DP-4A-001			\$ -	4-port Distribution Panel, 19 in rack mountable, 25 ft of tubing per port, includes installation kit
118	10	ea		2-Port		L6600D-2			\$ -	2-port Distribution Manifold, wall mountable, 0—5.0 psig, 25 ft of tubing per port
119	10	ea		4-Port		L6600D-4			\$ -	4-port Distribution Manifold, wall mountable, 0—5.0 psig, 25 ft of tubing per port

RFQ# BPH11127 Open End Contract for Microwave Antennas - Lines - Accessories

MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
120	10	ea		2-Port		6600D2			\$ -	2-port Distribution Manifold, wall mountable, 0—15.0 psig, 25ff of tubing ea per port
121	5	ea		4-Port		6600D4			\$ -	4-port Distribution Manifold, wall mountable, 0—15-0 psig, 25 ft of tubing per port
122	5	ea		6-Port		6600D-6			\$ -	6-port Distribution Manifold, wall mountable, 0—15-0 psi9, 25ff of tubing ppr port
123	15	ea		Wall Mount		AE01A-D1B39-001			\$ -	Wall Mount Low-Pressure Adjustable ea Regulator And Gauge 1-5 psig
						Grand Total			\$ -	

The above numbers are sample estimates only. The actual number ordered may be more or less.  
Award of this contract will go to a single vendor who meets all of the specifications as outlined in this RFQ at the lowest price.

## Attachment B

**SUPPLEMENTAL CONTRACT PROVISIONS ARRA FUNDING**

The Contractor is hereby notified that this project will be financed with *American Recovery and Reinvestment Act of 2009* (hereinafter, "ARRA") Funds.

**Required Contract Provision to Implement ARRA Section 902**

Section 902 of the ARRA requires that each contract awarded using ARRA funds must include a provision that provides the U.S. Comptroller General and his representatives with the authority to:

- (1) examine any records of the contractor or any of its subcontractors, or any State or local agency administering such contract, that directly pertain to, and involve transactions relating to, the contract or subcontract; and
- (2) interview any officer or employee of the contractor or any of its subcontractors, or of any State or local government agency administering the contract, regarding such transactions.

Accordingly, the Comptroller General and his representatives shall have the authority and rights prescribed under Section 902 of the ARRA with respect to contracts funded with recovery funds made available under the ARRA. Section 902 further states that nothing in 902 shall be interpreted to limit or restrict in any way any existing authority of the Comptroller General.

**Authority of the Inspector General provision**

Section 1515(a) of the ARRA provides authority for any representatives of the United States Inspector General to examine any records or interview any employee or officers working on this contract. The contractor is advised that representatives of the Inspector General have the authority to examine any record and interview any employee or officer of the contractor, its subcontractors or other firms working on this contract. Section 1515(b) further provides that nothing in this section shall be interpreted to limit or restrict in any way any existing authority of an Inspector General.

**Buy American Provision****Use of American Iron, Steel, and Manufactured Goods**

Recipients may not use any funds obligated under this award for the construction, alteration, maintenance, or repair of a public building or public work unless all of the iron, steel, and manufactured goods used in the project are produced in the United States unless HHS waives the application of this provision. (ARRA Sec. 1605)

**Wage Rate Provision**

[This term and condition shall not apply to tribal contracts entered into by the Indian Health Service funded with this appropriation. (ARRA Title VII - Interior, Environment, and Related Agencies, Department of Health and Human Services, Indian Health Facilities)]

Subject to further clarification issued by the Office of Management and Budget, and notwithstanding any other provision of law and in a manner consistent with other provisions of ARRA, all laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to this award shall be paid wages at rates not less than those prevailing on projects of

a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code. With respect to the labor standards specified in this section, the Secretary of Labor shall have the authority and functions set forth in Reorganization Plan Numbered 14 of 1950 (64 Stat. 1267; 5 U.S.C. App.) and section 3145 of title 40, United States Code. (ARRA Sec. 1606)

#### **Limit on Funds**

None of the funds appropriated or otherwise made available in ARRA may be used by any State or local government, or any private entity, for any casino or other gambling establishment, aquarium, zoo, golf course, or swimming pool. (ARRA Sec. 1604)

#### **Disclosure of Fraud or Misconduct**

Each recipient of sub-recipient awarded funds made available under the ARRA shall promptly refer to the HHS Office of Inspector General any credible evidence that a principal, employee, agent, contractor, sub-recipient, subcontractor, or other person has submitted a false claim under the False Claims Act or has committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct involving those funds. The HHS Office of Inspector General can be reached at <http://www.oig.hhs.gov/fraud/hotline/>

#### **Contractor Data Reporting**

The contractor must provide the WV Department of Health and Human Resources with their D-U-N-S number if available, or otherwise the name and zip code of the contractor's headquarters. Contractors are not required to obtain a D-U-N-S number.

#### **Reporting Jobs Creation**

Pursuant to Title XV, Section 1512 of the ARRA, the State shall require that the Contractor provide reports and other employment information as evidence to document the number of jobs created or jobs retained by this contract from the Contractor's own workforce. No direct payment will be made for providing said reports, as the cost for same shall be included in the various items in the contract. The WV Department of Health and Human Resources will not accept statistical sampling methods to estimate the number of jobs created and retained. All recipients must report a direct and comprehensive count of jobs, as specified by OMB guidance M-10-8. See Section 5.3 of the OMB guidance for more information on calculating jobs, including job estimation examples.

Definitions of jobs considered to be created or retained:

- a. A job created is a new position created and filled, or an existing unfilled position that is filled, that is funded by the Recovery Act;
- b. A job retained is an existing position that is now funded by the Recovery Act. Using the definitions above, recipients must estimate the total number of jobs that were funded in the quarter by the Recovery Act. A funded job is defined as one in which the wages or salaries are either paid for or will be reimbursed with Recovery Act funding.

c. A job must be counted as either a job created or a job retained; it cannot be counted as both. Additionally, only compensated employment in the United States or outlying areas should be counted. See 74 FR 14824 for definitions.

For the full OMB guidance on reporting jobs creation, please visit:

[http://www.whitehouse.gov/omb/assets/memoranda\\_2010/m10-08.pdf](http://www.whitehouse.gov/omb/assets/memoranda_2010/m10-08.pdf)

## SUPPLEMENTAL CONTRACTOR REPORTING PROVISIONS ARRA FUNDING

Not later than 5 days after the end of each month, contractor must submit reports containing the following information for month just ended:

1. This purchase order/contract number.
2. The total amount of ARRA funds under this contract/purchase order.
3. The amount of ARRA funds that was obligated for projects or activities for month just ending including:
  - a. The name of the project or activity;
  - b. A description of the project or activity;
  - c. An evaluation of the completion status of the project or activity; and
  - d. An estimate of the number of jobs created and the number of jobs retained by the project of activity.
4. The amount of ARRA funds that was expended for projects or activities for month just ending including:
  - e. The name of the project or activity;
  - f. A description of the project or activity;
  - g. An evaluation of the completion status of the project or activity; and
  - h. An estimate of the number of jobs created and the number of jobs retained by the project of activity.
5. Detailed information on any sub-contracts made by the contractor including:
  - The name and address of the entity receiving the sub-contract;
  - The amount of the sub-contract;
  - The transaction type and description; and
  - The North American Industry Classification System code or Catalog of Federal Domestic Assistance (CFDA) number.
6. The amount of unobligated/unexpended contract/purchase order balance.

Reports must be submitted via fax, Email, or mail to the following contact/address. Emailed reports are encouraged to ensure timeframe constraint.

WV DHHR BPH STEMS  
 NOROP  
 190 Hart Field Rd.  
 Morgantown, WV 26505  
 Attention: Nancy L. Lilly  
 E-mail: [Nancy.L.Lilly@wv.gov](mailto:Nancy.L.Lilly@wv.gov)  
 Telephone: 304-581-2900  
 Fax: 304-285-3148

I agree to the above provisions.

  
 Signature

3-23-11  
 Date

RFQ No. BPH 11127

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**West Virginia Code §5A-3-10a states:** No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

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

**WITNESS THE FOLLOWING SIGNATURE**

Vendor's Name: HUYTON COMMS INC

Authorized Signature: [Signature] Date: 3-23-11

State of IL

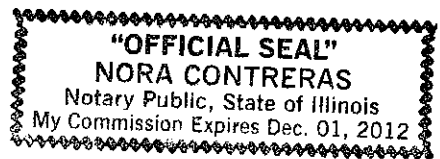
County of Will, to-wit:

Taken, subscribed, and sworn to before me this 22nd day of March, 2011.

My Commission expires DEC 1, 2012

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]



N/A

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application\* is hereby made for Preference in accordance with West Virginia Code, §5A-3-37. (Does not apply to construction contracts). West Virginia Code, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the West Virginia Code. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

- 1. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: HUTTON COMMS INC Signed: Sheron A. [Signature]
Date: 3-23-11 Title: Govt Acct Coord.

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





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

# Request for Quotation

RFQ NUMBER  
 BPH11127

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
 ROBERTA WAGNER  
 304-558-0067

\*222113321 02 877-832-6337

HUTTON COMMUNICATIONS INC  
 4046 MOUND RD

JOLIET IL 60436

VENDOR

SHIP TO

HEALTH AND HUMAN RESOURCES  
 BPH - STATE TRAUMA &  
 EMERGENCY MEDICAL SYSTEM  
 190 HART FIELD ROAD  
 MORGANTOWN, WV  
 26505 304-581-2900

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/24/2011	NET 30	BEST WAY	Destination	PPD+ ALLOWED
BID OPENING DATE: 03/24/2011		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
1. TO REVISE THE COST SHEET. 2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID. EXHIBIT 10						
REQUISITION NO.: BPH11127						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						
NO. 1 ... <i>SM</i> ..						
NO. 2 ... <i>SM</i> ..						
NO. 3 .....						
NO. 4 .....						
NO. 5 .....						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Sharon Del Ombre</i>	TELEPHONE 866-397-3357	DATE 3-23-11
TITLE Govt Acct Coord.	FEIN 751321231	ADDRESS CHANGES TO BE NOTED ABOVE

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



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

# Request for Quotation

RFQ NUMBER  
 BPH11127

PAGE  
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
 ROBERTA WAGNER  
 304-558-0067

VENDOR

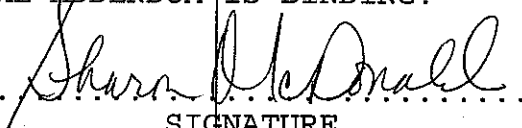
\*222113321 02 877-832-6337  
 HUTTON COMMUNICATIONS INC  
 4046 MOUND RD  
 JOLIET IL 60436

SHIP TO


HEALTH AND HUMAN RESOURCES  
 BPH - STATE TRAUMA &  
 EMERGENCY MEDICAL SYSTEM  
 190 HART FIELD ROAD  
 MORGANTOWN, WV  
 26505 304-581-2900

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/24/2011				

BID OPENING DATE: 03/24/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">             SIGNATURE            HUTTON COMMS INC            COMPANY            3-23-11            DATE         </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p style="text-align: center;">END OF ADDENDUM NO. 1</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 866-397-3357	DATE 3-23-11
TITLE Govt Act Coord	FEIN 751321231	ADDRESS CHANGES TO BE NOTED ABOVE

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



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

# Request for Quotation

RFQ NUMBER  
 BPH11127

PAGE  
 3

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 ROBERTA WAGNER  
 304-558-0067

\*222113321 02 877-832-6337  
 HUTTON COMMUNICATIONS INC  
 4046 MOUND RD  
 JOLIET IL 60436

HEALTH AND HUMAN RESOURCES  
 BPH - STATE TRAUMA &  
 EMERGENCY MEDICAL SYSTEM  
 190 HART FIELD ROAD  
 MORGANTOWN, WV  
 26505 304-581-2900

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/24/2011				

BID OPENING DATE: 03/24/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		906-29		
VARIOUS MICROWAVE ANTENNAS, LINES AND ACCESSORIES						
***** THIS IS THE END OF RFQ BPH11127 ***** TOTAL:						\$ 1,470,879.90

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Sharon McDaniel* TELEPHONE: 806-397-3357 DATE: 3-23-11

TITLE: Grant Acid Coord. FEIN: 751321231 ADDRESS CHANGES TO BE NOTED ABOVE

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

RFQ#BPH11127 Open End Contract for Microwave Antennas - Lines - Accessories

Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
1	5	ea	4ft	HPX	5.9 - 6.4	HPX4-59-P3A/A	283.52	0	\$ 1,097.00	1.2 m / 4ft High Performance Parabolic Shielded Antenna, dual-polarized, 5.925-6.425 GHz, CPR137G, gray antenna, enhanced white radome with flash, standard pack, 1 Inbrd strut incl
2	6	ea	6ft	STD DPF	5.9 - 6.4	520919-4	1041.23	0	\$ 6,247.38	Feed, dual-polarized, replaces single pole feed for PAR6-59 standard antenna, becomes PARX6-59
3.1	20	ea	6ft	STD DPF	5.9 - 6.4	PARX6-59PXK/A	2570.28	0	\$ 51,405.60	1.8 m / 6 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual-polarized, 5.925-6.425 GHz, CPR137G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - Strut included: 1 Inboard. Strut optional: 1 Outboard
4	3	ea	6ft	HP DPF	5.9 - 6.4	203868-2	1037.06	0	\$ 3,111.18	Feed, dual-polarized, replaces single pole feed for HP6-59 high perf antenna, as HPX6-59
5	1	ea	6ft	HP DPF	5.9 - 6.4	HPX6-59-P3A/K	3940.38	0	\$ 3,940.38	1.8m / 6 ft High Perf Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPR137G, gray antenna, enhanced white radome with flash, standard pack, 3-piece reflector - Cat A, 1 Inbrd strut incl, opt outbrd strut
5.1	1	ea	6ft	SHP DPF	5.9 - 6.4	H5X6-59-P3A/B	4672.80	0	\$ 4,672.80	1.8m / 6 ft High Performance Super High XPD Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector
5.2	4	ea	6ft	UHP DPF	5.9 - 6.4	UHX6-59-P3A/L	4947.03	0	\$ 14,826.09	1.8m / 6 ft Ultra High Performance XPD Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector
6	3	ea	8ft	STD DPF	5.9 - 6.4	520919-6	1220.39	0	\$ 3,660.96	Feed, dual-polarized, replaces single pole feed for PAR8-59 standard antenna, becomes PARX8-59
7	6	ea	8ft	STD DPF	5.9 - 6.4	PARX8-59-PXA	3587.15	0	\$ 21,522.72	2.4 m / 8ft Parabolic Unshielded Antenna for Relocation FCC Cat A-dual-polarized, 5.925-6.425 GHz, CPR137G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - FCC Cat A Order struts extra 1 Inboard. 1 Outboard
8	5	ea	8ft	HP DPF	5.9 - 6.4	203868-4	1190.50	0	\$ 5,952.50	Feed, dual-polarized, replaces single pole feed for HP8-59 high performance antenna, becomes HPX8-59
9	1	ea	8ft	HP DPF	5.9 - 6.4	HPX8-59-P3A	5065.89	0	\$ 5,065.89	2.4m / 8ft High Performance Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, FCC Cat A CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - FCC Cat A. Strut included, 1 Inboard, 1 outboard Strut optional 2 Outboard
10	4	ea	8ft	SHP DPF	5.9 - 6.4	H5X8-59-P3A	5970.00	0	\$ 23,880.00	2.4m / 8 ft Super High DPF Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector

RFQ#BPH1127 Open End Contract for Microwave Antennas - Lines - Accessories

MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
10.1	5	ea	8ft	UHP DPF	5.9 - 6.4	UHX8-59-P3A	6200.85	0	\$ 31,504.25	2.4m / 8 ft Ultra High Performance DPF Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector.
11	5	ea	10ft	STD DPF	5.9 - 6.4	PARX10-59-P7A	4365.70	0	\$ 21,828.50	3.0m / 10 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual- polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, with flash, standard pack—one-piece reflector-Strut included: 1 Inboard, Strut optional: 2 Outboard. Order molded radome separately to be included with UNIPAK shipping option
11.1	5	ea	10ft	STD DPF	5.9 - 6.4	520939-3	1799.24	0	\$ 8,996.20	Feed, dual-polarized, replaces single pole feed for PARX10-59 standard antenna, becomes PARX10-59
11.2	2	ea	10ft	HP DPF	5.9 - 6.4	HGX10-59-P3A	7176.95	0	\$ 14,353.90	3.0m / 10 ft High Performance Super High XPD Parabolic shielded Antenna dual polarized, 5.925-6.425 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector
12	2	ea	6ft	STD WB DPF	5.9 - 7.1	PARX6-59W-PXA/A	2570.28	0	\$ 5140.56	1.8m / 6 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual- polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - Strut included: 1 Inboard, Strut optional: 1 Outboard
13	7	ea	6ft	UHP DPF	5.9 - 7.1	UHX6-59W-P3A/B	4947.03	0	\$ 34,629.21	1.8m / 6 ft Ultra High Performance Parabolic shielded Antenna dual polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - FCC Cat A.
14	7	ea	8ft	STD WB DPF	5.9 - 7.1	PARX8-59W-PXA	3388.06	0	\$ 23,717.75	2.4m / 8 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual- polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - side struts order extra 1 Inboard, 1 outboard
15	12	ea	8ft	UHP DPF	5.9 - 7.1	UHX8-59W-P3A	6605.71	0	\$ 79,268.52	2.4m / 8 ft Ultra High Performance Parabolic shielded Antenna dual polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - FCC Cat A. Struts included 1 Inboard 1 outboard. Optional struts 2 outboard
16	5	ea	10ft	STD WB DPF	5.9 - 7.1	PARX10-59W-P7A	3736.68	0	\$ 18,680.40	3.0m / 10 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual- polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - strut included 1 Inboard, struts optional 2 outboard. Order molded radome separately to be included with UNIPAK shipping option
17	3	ea	10ft	UHP DPF	5.9 - 7.1	UHX10-59W-P3A	7905.32	0	\$ 23,715.96	3.0m / 10 ft Ultra High Performance Parabolic shielded Antenna dual polarized, 5.925-7.125 GHz, CPRI37G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - FCC Cat A. Struts included 1 Inboard 1 outboard. Optional struts 2 outboard

**RFO#BPH1127 Open End Contract for Microwave Antennas - Lines - Accessories**

MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent									
Item Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
18	5 ea	10ft	UHP DPF	5.9 - 7.1	UHX10-59W-P3M	8708.70	0	\$ 43,513.50	3.0m / 10 ft Ultra High Performance Parabolic Shielded Antenna, dual-polarized, 5.925-6.425 GHz, CPR137G, gray antenna, enhanced white radome with flash, standard pack—two-piece reflector - FCC Cat A - Struts included: 1 Inboard, 1 Outboard, Optional Struts: 2 Outboard
19	5 ea	6ft	HP SPF	6.4 - 7.1	HP6-65-P3A/K	3777.74	0	\$ 18,888.70	1.8m / 6 ft High Performance Parabolic shielded Antenna single polarized, 6.425-7.125 GHz, FCC Cat B CPR137G, gray antenna, standard white radome with flash, standard pack—one-piece reflector - Strut included, 1 Inboard, Strut optional 1 Outboard
20	5 ea	6ft	STD DPF	6.4 - 7.1	520609-1	637.33	0	\$ 3186.15	Feed, dual-polarized, replaces single pole feed for PAR6-65 standard antenna, becomes PAR6-65
21	5 ea	8ft	STD DPF	6.4 - 7.1	PARX8-65-PXA	3504.53	0	\$ 17,522.65	2.4m / 8 ft High Performance Parabolic Unshielded Antenna for relocation, FCC CAT A dual-polarized, 6.425-7.125 GHz, - CPR137G, gray antenna, molded gray radome with flash, standard pack—one-piece reflector - order Struts extra: 1 Inboard, 1 Outboard
22	5 ea	8ft	HP DPF	6.4 - 7.1	HPX8-65-P3A	5228.22	0	\$ 26,141.60	2.4m / 8 ft High Performance Parabolic Shielded Antenna, dual-polarized, 6.425-7.125 GHz, FCC CAT A - CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - Struts included: 1 Inboard, 1 Outboard, Optional Struts: 2 Outboard
22.1	2 ea	8ft	UHP DPF	6.4 - 7.1	UHX8-65-P3A	6625.71	0	\$ 13,251.42	2.4m / 8 ft High Performance Parabolic Shielded Antenna, dual-polarized, 6.425-7.125 GHz, FCC CAT A - CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - Struts included: 1 Inboard, 1 Outboard, Optional Struts: 2 Outboard
23	5 ea	10ft	STD DPF	6.4 - 7.1	PARX10-65-P7A	4404.23	0	\$ 22,021.15	3.0m / 10 ft Parabolic Unshielded Antenna for Relocation-FCC Cat A, dual-polarized, 6.425-7.125 GHz, CPR137G, gray antenna with flash, standard pack—one-piece reflector - struts included 1 inboard, struts optional 2 outboard. Order molded radome separately to be included with UNIPAK shipping option
24	5 ea	10ft	HP DPF	6.4 - 7.1	HPX10-65-P3A	6572.11	0	\$ 32,860.55	3.0m / 10 ft High Performance Parabolic Shielded Antenna, dual-polarized, 6.425-7.125 GHz, FCC CAT A - CPR137G, gray antenna, enhanced white radome with flash, standard pack—one-piece reflector - Struts included: 1 Inboard, 1 Outboard, Optional Struts: 2 Outboard
25.1	15 ea	3ft	HP DPF	10.1-11.7	VHLP3-11W-6GR	915.05	0	\$ 13,725.75	1.0 m   3ft VailLine® High Performance Low Profile Antenna, single-polarized, 10.125-11.7 GHz, FCC Cat A, CPR90G, gray antenna, polymer gray radome without flash, Standard pack—one-piece reflector - Struts included: 0, Struts Optional: 0

RFO#BPH1127 Open End Contract for Microwave Antennas - Lines - Accessories

MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
25.2	15	ea	3ft	HP DPF	10.1-11.7	VHLPX3-11W-6GR	1699.70	0	\$ -	1.0 m   3ft ValuLine® High Performance Low Profile Antenna, dual polarized, 10.125-11.7 GHz, FCC Cat A, CPR90G, gray antenna, polymer gray radome without flash, standard pack—one-piece reflector - Struts included: 0, Struts Optional: 0
									16,495.50	
26	2	ea	4ft	HP DPF	10.0-10.7	VHLPX4-10W-6GR/A	1772.85	0	\$ -	1.2m / 4ft ValuLine High Performance Low profile antenna, dual polarized. 10.0 - 10.70 GHz, Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 inboard, optional strut : 1 inboard
									3,545.70	
27	4	ea	6ft	HP DPF	10.0-10.7	VHLPX6-10W-6GR/B	3195.30	0	\$ -	1.8m / 6ft ValuLine High Performance Low profile antenna, dual polarized. 10.00 - 10.70 GHz, Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 inboard, optional strut : 1 inboard
									12,781.20	
28	5	ea	2ft	HP DPF	10.7-11.7	VHLPX2-11-6GR	866.30	0	\$ -	0.6m / 2 ft ValuLine® High Performance Low Profile Antenna, dual-polarized, 10.700-11.700 GHz, FCC Cat B, CPR90G, gray antenna, polymer gray radome without flash, standard pack—one-piece reflector - Struts included: 0, Struts Optional: 0
									4331.50	
29	2	ea	2.6ft	HP DPF	10.7-11.7	VHLPX800-11-6GR	1344.80	0	\$ -	800mm / 2.6ft ValuLine High Performance Low profile antenna, dual polarized. 10.700 - 11.700 GHz, Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 0 inboard, optional strut : 0 inboard
									2689.78	
30	2	ea	4ft	HP DPF	10.7-11.7	VHLPX4-11-6GR/B	1860.31	0	\$ -	1.2m / 4ft ValuLine High Performance Low profile antenna, dual polarized. 10.700 - 11.700 GHz, Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 inboard, optional strut : 1 inboard
									3720.62	
31	5	ea	6ft	STD DPF	10.7-11.7	PXL6-107-P7A/D	2345.71	0	\$ -	1.8m / 6ft standard parabolic low VSWR unshielded antenna, dual polarized. 10.700 - 11.700 GHz, Cat B, CPR90G gray antenna with flash, standard pack one piece reflector. Struts included: 1 inboard, optional strut : 1 inboard
									11,727.70	
32	5	ea	6ft	HP DPF	10.7-11.7	Z04561-17	1037.06	0	\$ -	Feed, dual-polarized, replaces single pole feed for HPE-107 high performance antenna, becomes HPE-107
									5185.30	
33	2	ea	6ft	HP DPF	10.7-11.7	VHLPX6-11-6GR/A	3584.50	0	\$ -	1.8m / 6ft ValuLine High Performance Low profile antenna, dual polarized. 10.700 - 11.700 GHz, FCC Cat A, CPR90G gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 inboard, optional strut : 1 inboard
									7169.00	
33.2	2	ea	6ft	HP DPF	10.7-11.7	H5X6-107-F3A/A	4672.80	0	\$ -	1.8m / 6ft High Performance Super High XPD Parabolic shielded antenna, dual polarized. 10.700 - 11.700 GHz, CPR90G gray antenna enhanced white radome with flash, standard pack one piece reflector.
									9345.60	

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MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent									
Item Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
33.3	2	ea	6ft	10.7-11.7	UHX6-107-P3A/K	49400	0	\$ 884.00	1.8m / 6ft Ultra High Performance Parabolic shielded antenna, dual polarized. 10.700 - 11.700 GHz, CPR90G gray antenna enhanced white radome with flash, standard pack
34	5	ea	8ft	10.7-11.7	PXL8-107-P7A	2803.92	0	\$ 14018.10	2.4m / 8ft standard parabolic low VSWR unshielded antenna, dual polarized. 10.700 - 11.700 GHz, Cat A, CPR90G gray antenna with flash, standard pack one piece reflector. Struts included: 0, optional strut: 1 inboard, 1 outboard
35	2	ea	8ft	10.7-11.7	HPX8-107-P3A	5228.34	0	\$ 10456.64	2.4m / 8ft High Performance parabolic shielded antenna, dual polarized. 10.700 - 11.700 GHz, Cat A, CPR90G gray antenna, enhanced white radome with flash, standard pack one piece reflector. Struts included: 1 inboard, 1 outboard. Side strut optional 2 outboard
35.1	4	ea	8ft	10.7-11.7	HXX8-107-P3A	5970.94	0	\$ 23882.00	2.4m / 8ft High Performance Super High XPD parabolic shielded antenna, dual polarized. 10.700 - 11.700 GHz, CPR90G gray antenna, enhanced white radome with flash, standard pack one piece reflector.
35.2	2	ea	8ft	10.7-11.7	UHX8-107-P3A	6200.85	0	\$ 12401.70	2.4m / 8ft Ultra High Performance parabolic shielded antenna, dual polarized. 10.700 - 11.700 GHz, CPR90G gray antenna, enhanced white radome with flash, std pack - one
36	2	ea	2ft	17.7-19.7	VHLPX2-18-1GR/B	699.70	0	\$ 1399.40	0.6m / 2ft ValuLine® High Performance Low Profile Antenna, dual-polarized, 17.700-19.700 GHz, FCC Cat A, UG-595/U modified, gray antenna, polymer gray radome without flash, standard pack—one-piece reflector - Strut included: 0. Strut optional: 0
37	2	ea	2.5ft	17.7-19.7	VHLPX2.5-18-1GR	1163.08	0	\$ 2326.16	0.8m / 2.5ft ValuLine® High Performance Low Profile Antenna, dual-polarized, 17.700-19.700 GHz, FCC Cat A, UG-595/U modified, gray antenna, polymer gray radome without flash, standard pack—one-piece reflector - Strut included: 0. Strut optional: 0
38	2	ea	4ft	17.7-19.7	VHLPX4-18-1GR/A	1860.34	0	\$ 3720.62	1.2m / 4ft ValuLine High Performance Low profile antenna, dual polarized. 17.700 - 19.700 GHz, Cat A, UG595/U modified gray antenna polymer gray radome without flash, standard pack one piece reflector. Struts included: 1 inboard, optional strut : 1 outboard
38.1	2	ea	3ft	17.7-19.7	VHLPX3-18-1GR	1237.52	0	\$ 2475.04	1.0m / 3 ft ValuLine® High Performance Low Profile Antenna, dual-polarized, 17.700-19.700 GHz, FCC Cat A, UG-595/U modified, gray antenna, polymer gray radome without flash, standard pack—one-piece reflector - Strut included: 0. Strut optional: 1 inboard
39	2	ea	6ft		RGE	805.18	0	\$ 1610.36	Extra strength molded gray radome without flash
40	2	ea	8ft		RBF	1360.50	0	\$ 2721.00	Extra strength molded gray radome without flash
41	5	ea	10ft		391938	1771.05	0	\$ 8855.25	Extra strength molded gray radome without flash



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MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
42	0	Note							\$	Struts: Antennas include one or two side struts, depending on model. Where one side strut is supplied, it includes a stainless steel threaded rod fine azimuth adjustment. Where two side struts are supplied, one is adjustable (has fine azimuth adjustment) and the other is fixed (adjustable but without fine azimuth adjustment).
43	10	ea	61-in	Inboard		VSTRUT-P3KIT	137.88	0	\$ 1,378.80	Inboard Side Strut Kit for 4 ft and 6 ft microwave and Valuline® antennas, fixed
44	10	ea	10.5ft	Inboard		520570-10	87.46	0	\$ 874.60	Inboard Side Strut Kit for 6 ft microwave antennas, fixed
45	17	ea	10.5ft	Inboard		520570-1	145.77	0	\$ 2,478.09	Inboard Side Strut Kit for 8ft, 10ft, and 12 ft microwave antennas, adjustable, includes azimuth adjustment kit
46	93	ea	10.5ft	Outboard		520570-3	162.43	0	\$ 15,105.99	Outboard side strut kit for 8ft, 10ft, and 12ft, microwave antennas, fixed
47	34	ea	5.0ft	Bottom		520570-5	149.94	0	\$ 5,097.96	Bottom strut kit for 8ft, 10ft, and 12ft, microwave antennas, fixed
48	124	ea		Strut Collar		520477	29.15	0	\$ 3,614.60	Strut collar assembly provides tower interface and strut securement point
49	124	ea		Strut Bracket		520568	162.47	0	\$ 20,146.28	Reflector Strut Bracket Kit - Provides attachment point for fixed strut
50	10	ea		Adj Kit		520569	37.48	0	\$ 374.80	Azimuth Adjustment Kit - Allows fine movement of antenna during alignment
51	15827	ft		EW-52	5.9 - 6.4	EW-52	11.55	0	\$ 182,818.85	EW52, HELIAX® Standard Elliptical Waveguide, 5.6—6.425 GHz, black PE jacket
52	18221	ft		EW-63	5.9 - 7.1	EW-63	9.80	0	\$ 178,565.80	EW63, HELIAX® Standard Elliptical Waveguide, 5.925—7.125 GHz, black PE jacket
53	705	ft		EW-90	10.2 - 11.7	EW-90	9.45	0	\$ 6,662.25	EW90, HELIAX® Standard Elliptical Waveguide, 10.2—11.7 GHz, black PE jacket
54	5	ft		EW-180	17.3 - 19.7	EW-180	6.30	0	\$ 31.50	EW180, HELIAX® Standard Elliptical Waveguide, 17.3—19.7 GHz, black PE jacket
55	128	ea		EW-52	5.9 - 6.4	2525E	211.65	0	\$ 27,091.20	Connector, fixed-tuned for EW-52 waveguide
56	96	ea		EW-63	5.9 - 7.1	1635E	136.56	0	\$ 13,109.76	Connector, fixed-tuned for EW-63 waveguide
57	8	ea		EW-90	10.2 - 11.7	1903E	145.77	0	\$ 1,166.16	Connector, fixed-tuned for EW-90 waveguide
58	6	ea		EW-180	17.7 - 19.7	1180SC	159.02	0	\$ 954.72	Connector, Fixed-tuned UG-595/U for elliptical waveguide 180
59	112	ea		CPR137G	6.2/6.7	55001-137	31.80	0	\$ 3,561.60	Pressure window, EIA flange CPR137G
60	4	ea		CPR90G	10.2 - 10.7	55001-90	31.80	0	\$ 127.20	Pressure window, EIA flange CPR90G
61	4	ea			17.7 - 19.7	55000A-42	23.85	0	\$ 95.40	Pressure Window for WR42, 17.7—26.5 GHz, mates to UG-596A/U
62	4	ea		EW-52		33544-38	9.78	0	\$ 38.88	Connector Reattachment Kit for elliptical waveguide 52
63	4	ea		EW-52		45594-152B	8.83	0	\$ 35.32	Hardware Kit for 152 or 252 Connectors
64	4	ea		CPR137G		39099-137	115.60	0	\$ 462.40	Standard Termination Load for unused dual feed port
64.1	4	ea		CPR90G		39099-90	105.20	0	\$ 420.80	Standard Termination Load for unused dual feed port

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MANUFACTURER: COMMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
65	4	ea	12-in	CPR137G	6.2/6.7	F137CCS1	189.44	0	\$157.76	Flexible Twist for WR137, 5.85-8.2 GHz, with interface types CPR137G and CPR137G, 300 mm
66	4	ea	24-in	CPR137G	6.2/6.7	F137CCS2	189.44	0	\$157.76	Flexible Twist for WR137, 5.85-8.2 GHz, with interface types CPR137G and CPR137G, 600 mm
67	112	ea	36-in	CPR137G	6.2/6.7	F137CCS3	225.46	0	\$25,211.04	Flexible Twist for WR137, 5.85-8.2 GHz, with interface types CPR137G and CPR137G, 900 mm
68	4	ea	12-in	CPR90G	10.2-10.7	F090CCA1	215.82	0	\$163.28	Flexible Twist for WR90, 10.2-10.7 GHz, with interface types CPR90G and CPR90G, 300 mm
69	4	ea	24-in	CPR90G	10.2-10.7	F090CCA2	215.82	0	\$163.28	Flexible Twist for WR90, 10.2-10.7 GHz, with interface types CPR90G and CPR90G, 600 mm
70	4	ea	35-in	CPR90G	10.2-10.7	F090CCA3	246.99	0	\$187.96	Flexible Twist for WR90, 10.2-10.7 GHz, with interface types CPR90G and CPR90G, 900 mm
71	4	ea	12-in	CPR90G	10.7-11.7	F090CCB1	215.82	0	\$163.28	Flexible Twist for WR90, 10.7-11.7 GHz, with interface types CPR90G and CPR90G, 300 mm
72	4	ea	24-in	CPR90G	10.7-11.7	F090CCB2	215.82	0	\$163.28	Flexible Twist for WR90, 10.7-11.7 GHz, with interface types CPR90G and CPR90G, 600 mm
73	4	ea	35-in	CPR90G	10.7-11.7	F090CCB3	246.99	0	\$187.96	Flexible Twist for WR90, 10.7-11.7 GHz, with interface types CPR90G and CPR90G, 900 mm
74	4	ea	12-in	UG-595/U - UG-596/U	17.7-19.7	F042ABS1	172.65	0	\$140.60	Flexible Twist for WR42, 17.7-26.5 GHz, with interface types UG-596A/U and UG-595/U, 300 mm [.8dB/ft]
75	4	ea	24-in	UG-595/U - UG-596/U	17.7-19.7	F042ABS2	179.85	0	\$149.40	Flexible Twist for WR42, 17.7-26.5 GHz, with interface types UG-596A/U and UG-595/U, 600 mm [.8dB/ft]
76	4	ea	36-in	UG-595/U - UG-596/U	17.7-19.7	F042ABS3	206.23	0	\$164.92	Flexible Twist for WR42, 17.7-26.5 GHz, with interface types UG-596A/U and UG-595/U, 900 mm [.8dB/ft]
77	2	ea	10-in	Rigid	5.9-7.1	D137CCSG	149.33	0	\$119.86	Rigid 90-deg step-twist, CPR137G flange ea end, gray
78	5	ea	12-in	Rigid	5.9-7.1	D137CCAG	176.39	0	\$141.55	Rigid 90-deg step-twist, 12-in CPR137G flange ea end, gray
79	500	kg of 10				31788A	50.43	0	\$25,215.00	Angle Adapter, standard, 3/8 in tapped hole
80	325	kg of 10		EW-52		EW5H-52	36.76	0	\$18,447.00	Universal Snap-in Hanger for elliptical waveguide 52
81	225	kg of 10		EW-52		42396A-8	18.58	0	\$4,180.50	Butterfly Hanger for elliptical waveguide 52
82	458	kg of 10		EW-63		EW5H-63	57.09	0	\$26,099.80	Universal Snap-in Hanger for elliptical waveguide 63
83	5	kg of 10		EW-63		42396A-7	18.58	0	\$93.90	Butterfly Hanger for elliptical waveguide 63
84	5	kg of 10		EW-90		EW5H-90	48.46	0	\$242.30	Universal Snap-in Hanger for elliptical waveguide 90
85	5	kg of 10		EW-90		42396A-5	20.08	0	\$100.40	Butterfly Hanger for elliptical waveguide 90
86	5	kg of 10		EW-180		EW5H-180	59.07	0	\$295.35	Universal Snap-in Hanger for elliptical waveguide 180
87	5	kg of 10		EW-180		43211A	14.83	0	\$74.15	Butterfly Hanger for 1/2 in or 3/8 in coaxial cable and elliptical waveguide 180
88	725	ea	5ft	2-Hole		220498	22.15	0	\$16,087.75	Grounding kit, 60' cable with 2-hole factory attached lug.
89	74	kg of 10		2-Hole		241088-1	14.75	0	\$1,091.50	Lug, 2-hole, crimp, for grounding cable cut in field to length

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MANUFACTURER: COMSCOPE/ANDREW CORPORATION - or equivalent										
Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
90	5	ea	2ft	2-Hole		241088-4	19.43	0	\$ 97.15	Grounding kit, 24" cable with 2-hole factory attached lug.
91	5	ea	24-in	2-Hole		241088-2	18.26	0	\$ 91.30	Grounding kit, 24" cable with 2-hole factory attached lug.
92	5	ea				EWBTK-2	140.37	0	\$ 701.85	Bending tool kit for elliptical waveguides 52 to 85
93	5	ea				EWBTK-1	127.66	0	\$ 638.30	Bending tool kit for elliptical waveguides 90 to 240
94	5	ea				EWFTK-52	500.04	0	\$ 2500.20	Flaring Tool Kit for elliptical waveguide 52
95	5	ea				EWFTK-63	500.04	0	\$ 2500.20	Flaring Tool Kit for elliptical waveguide 63
96	5	ea				204919	829.35	0	\$ 4146.75	Flaring Tool Kit for elliptical waveguide 90
97	5	ea				201439	829.35	0	\$ 4146.75	Flaring Tool Kit for elliptical waveguide 180
98	112	ea		EW-52/63		24312A	35.77	0	\$ 2810.24	Lace-up Hoisting Grip for 1-5/8 in coaxial cable and elliptical waveguide EW 52, and 63
99	4	ea		EW-90		29958	19.87	0	\$ 79.48	Lace-up Hoisting Grip for 5/8 in coaxial cable and elliptical waveguide 90
100	4	ea		EW-180		43094	14.77	0	\$ 59.08	Lace-up Hoisting Grip for 1/2 in coaxial cable and elliptical waveguide 180 and 220
101	4	ea		EW-63		163DZ	145.77	0	\$ 539.08	Connector Splice for elliptical waveguide 63
102	4	ea	1-Port	EW-52		245314-52	41.08	0	\$ 164.33	Single Entrance Panel for elliptical waveguide 52, includes boot
103	4	ea	1-Port	EW-63		245314-63	41.08	0	\$ 164.33	Single Entrance Panel for elliptical waveguide 63, includes boot
104	4	ea	1-Port	EW-90		245314-90	36.78	0	\$ 147.12	Single Entrance Panel for elliptical waveguide 90, includes boot
105	4	ea	1-Port	EW-180		245314-180	32.48	0	\$ 127.92	Single Entrance Panel for elliptical waveguide 180, includes boot
106	38	ea	4-Port	Aluminum		204673-4	84.48	0	\$ 320.82	4 Port Entrance Panel, 1 x 4, includes caps
107	6	ea	8-Port	Aluminum		204673-8	140.02	0	\$ 540.12	8 Port Entrance Panel, 2 x 4, gray, includes caps
108	6	ea	12-Port	Aluminum		204673-12	133.25	0	\$ 799.50	12 Port Entrance Panel, 3 x 4, gray, includes caps
109	68	ea	4-in	EW-52		WGB4-52	34.82	0	\$ 2367.76	Boot Assembly, 4 in, for elliptical waveguide 52
110	48	ea	4-in	EW-63		WGB4-63	34.82	0	\$ 1211.36	Boot Assembly, 4 in, for elliptical waveguide 63
111	4	ea	4-in	EW-90		WGB4-90	34.82	0	\$ 139.28	Boot Assembly, 4 in, for elliptical waveguide 90
112	12	ea	4-in	EW-180		WGB4-180	34.82	0	\$ 417.84	Boot Assembly, 4 in, for elliptical waveguide 180
113	16	ea	<60ft3	Auto Membrane		MT0508-81015	1697.00	0	\$ 27,162.72	DryLine® Dehydrator, Low-pressure membrane, 19 in rack mountable, 3.0- 5.0 psig, with discrete alarm: Low Pressure, 115/230 Vac, 50/60 Hz, auto-detecting:
114	22	ea	<60ft3	Auto Membrane		MT0508-81315	2009.89	0	\$ 44,217.58	DryLine® Dehydrator, Low-pressure membrane, 19 in rack mountable, 3.0- 5.0 psig, with discrete alarm: Excess Run, High Humidity, Low Pressure, Power Fail 115/230 Vac, 50/60 Hz, auto-detecting:
115	22	ea		Wall Mount		AE01D-D16S8-100	102.24	0	\$ 2249.28	Dehydrator Wall Shelf for MT0508 dehydrator
116	15	ea	3/8 in poly tubing			AE01K-D0840-075	8.25	0	\$ 123.75	Polyethylene Tube, black, 3/8 in OD x 1/16 in wall x 25 ft (7.62 m) roll
117	38	ea		Panel		DP-4A-001	193.10	0	\$ 7337.80	4-part Distribution Panel, 19 in rack mountable, 25 ft of tubing per port, includes installation kit
118	10	ea	2-Port			L5600D-2	156.18	0	\$ 1561.80	2-port Distribution Manifold, wall mountable, 0-5.0 psig, 25 ft of tubing per port
119	10	ea	4-Port			L5600D-4	261.35	0	\$ 2613.50	4-port Distribution Manifold, wall mountable, 0-5.0 psig, 25 ft of tubing per port

RFQ#BPH11127 Open End Contract for Microwave Antennas - Lines - Accessories

Item	Totals	Unit	Size	Type	Freq (GHz)	Part Number	PRICE	Per Cent Discount	Extended	Description
120	10	ea		2-Port		6600D2	105.07	0	\$1050.70	2-port Distribution Manifold, wall mountable, 0-15.0 psig, 25ft of tubing ea per port
121	5	ea		4-Port		6600D4	147.67	0	\$738.35	4-port Distribution Manifold, wall mountable, 0-15-0 psig, 25 ft of tubing per port
122	5	ea		6-Port		6600D-6	205.60	0	\$1028.00	6-port Distribution Manifold, wall mountable, 0-15.0 psig, 25ft of tubing per port
123	15	ea		Wall Mount		AE01A-D1339-001	184.58	5	\$2768.70	Wall Mount Low-Pressure Adjustable ea Regulator And Gauge 1-5 psig
						Grand Total			\$1470,879.90	

The above numbers are sample estimates only. The actual number ordered may be more or less.

Award of this contract will go to a single vendor who meets all of the specifications as outlined in this RFQ at the lowest price.



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

# Request for Quotation

RFQ NUMBER  
**BPH11127**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**ROBERTA WAGNER**  
**804-558-0067**

\*222113321 02 877-832-6337  
**HUTTON COMMUNICATIONS INC**  
**4046 MOUND RD**

**JOLIET IL 60436**

VENDOR

SHIP TO

**HEALTH AND HUMAN RESOURCES**  
**BPH - STATE TRAUMA &**  
**EMERGENCY MEDICAL SYSTEM**  
**190 HART FIELD ROAD**  
**MORGANTOWN, WV**  
**26505 304-581-2900**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/08/2011	NET 30	BEST WAY	DESTINATIONS	PPD+ALLOWED
BID OPENING DATE: 03/24/2011		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ADDENDUM NO. 2</p> <p>1. QUESTIONS AND ANSWERS ARE ATTACHED.</p> <p>2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: BPH11127</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO. S:</p> <p>NO. 1 ..... <i>SM</i></p> <p>NO. 2 ..... <i>SM</i></p> <p>NO. 3 .....</p> <p>NO. 4 .....</p> <p>NO. 5 .....</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS:

SIGNATURE <i>Sharon McDonald</i>	TELEPHONE 866-397-3357	DATE 3-23-11
TITLE Govt Acct Coord.	FEIN 751321231	ADDRESS CHANGES TO BE NOTED ABOVE

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



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

# Request for Quotation

RFQ NUMBER  
 BPH11127

PAGE  
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
 ROBERTA WAGNER  
 304-558-0067

VENDOR

\*222113321 02 877-832-6337  
 HUTTON COMMUNICATIONS INC  
 4046 MOUND RD  
 JOLIET IL 60436

SHIP TO

HEALTH AND HUMAN RESOURCES  
 BPH - STATE TRAUMA &  
 EMERGENCY MEDICAL SYSTEM  
 190 HART FIELD ROAD  
 MORGANTOWN, WV  
 26505 304-581-2900

DATE PRINTED 03/08/2011	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: 03/24/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;"><i>Sharon McDonald</i> SIGNATURE</p> <p style="text-align: center;">HUTTON COMMS INC COMPANY</p> <p style="text-align: center;">3-23-11 DATE</p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p style="text-align: center;">END OF ADDENDUM NO. 2</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Sharon McDonald</i>	TELEPHONE 866-397-3357	DATE 3-23-11
TITLE Govt Acct Coord.	FEIN 751321231	ADDRESS CHANGES TO BE NOTED ABOVE

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



State of West Virginia  
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 2019 Washington Street East  
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# Request for Quotation

RFQ NUMBER  
**BPH11127**

PAGE  
**3**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
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VENDOR

\*222113321 02 877-832-6337  
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SHIP TO

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**BPH - STATE TRAUMA &**  
**EMERGENCY MEDICAL SYSTEM**  
**190 HART FIELD ROAD**  
**MORGANTOWN, WV**  
**26505 304-581-2900**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/08/2011				

BID OPENING DATE: **03/24/2011** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		906-29		
VARIOUS MICROWAVE ANTENNAS, LINES AND ACCESSORIES						
***** THIS IS THE END OF RFQ BPH11127 *****						TOTAL: \$ <u>1,470,879.90</u>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Sharon McDonald* TELEPHONE: **866-397-3359** DATE: **3-23-11**

TITLE: **Govt Acct Coord** FEIN: **757321231** ADDRESS CHANGES TO BE NOTED ABOVE

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

**RFQ BPH11127**

1. Is "Buy America" still a requirement for ARRA funding as understood by the State of West Virginia?

Answer: Yes, this is correct.

2. Can the "Buy America" be waived?

Answer: No, it cannot.

3. Will this award be paid with ARRA funds?

Answer: Portions of this award will be paid with ARRA funds. Per the specifications, any order placed with ARRA funding will be noted on the release order.

4. BPH11085 did not have a the requirement for Buy America or ARRA reporting. Answer: This is a new RFQ.