



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  
 BPH90123

PAGE  
 1

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

RFQ COPY

TYPE NAME/ADDRESS HERE  
 CEI SALES, LLC  
 8500 CINDER BED RD. #100  
 NEWINGTON, VA 22122

SHIP TO

HEALTH AND HUMAN RESOURCES  
 BPH - TRAUMA & EMERGENCY CARE  
 SYSTEM - NOROP CENTER  
 190 HART FIELD ROAD  
 MORGANTOWN, WV  
 26505 304-285-3332

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/16/2009				

BID OPENING DATE: 04/15/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
1. TO CHANGE THE BID OPENING DATE AS FOLLOWS: FROM: 4/22/09 TO: 4/15/09						
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.: BPH90123						
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 ..X..... NO. 2 ..... NO. 3 ..... NO. 4 ..... NO. 5 .....						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF TH						

**RECEIVED**  
 2009 APR 15 A 8:04  
 PURCHASING DIVISION  
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Fronk Giliotti* TELEPHONE (703)550-5800 DATE 4/14/09

TITLE SALES FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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



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ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.  VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.  <div style="text-align: center;"> <i>Frank Bilister</i>              .....              SIGNATURE              CEI SALES, LLC              .....              COMPANY              4/14/09              .....              DATE           </div> REV. 11/96  NO OTHER CHANGES  <div style="text-align: right;">             \$34,843.73      \$379,388.58           </div>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Frank Bilister</i>	TELEPHONE (703)550-5800	DATE 4/14/09
TITLE SALES	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
04/07/2009				

BID OPENING DATE: 04/15/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 2  1. QUESTIONS AND ANSWERS ARE ATTACHED. 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.: BPH90123  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 ..... NO. 2 ..X..... 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.						

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SIGNATURE *Frank Whelan* TELEPHONE (703)550-5800 DATE 4/14/09  
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PROPERTY OF STATE OF WEST VIRGINIA

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SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: <i>Frank Kiliotta</i>	TELEPHONE: (703)550-5800	DATE: 4/14/09
TITLE: SALES	FEIN:	ADDRESS CHANGES TO BE NOTED ABOVE

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## BPH90123 Addendum 2

To respond to vendor questions as follows:

1. Question: Is this an Andrew only bid or will equivalents be accepted. We only provide Andrew but I need to know please.  
Response: We prefer Andrew, but if equivalent is used it must match the Andrew part number spec exactly to assure integration into the existing system. No deviation will be acceptable in this case due to the very tight engineering specs on this part of the project.
2. Question: Line items 4, 5, 22-23 and 30-31 have changed product numbers as the old numbers are obsolete. I am going to bid with the new part # pricing. I just wanted to make you aware.  
Response: Line items 4, 5, 22-23 and 30-31. The newer part numbers may be used as long as the spec is the same.
3. Question: Line 37 is obsolete with no Andrew replacement according to the factory.  
Response: Line 37 can be deleted from this bid.
4. Question: Is freight to be included or added? What is the expected FOB? and Does this bid need to be broken out by individual site?  
Response: The last question concerning freight and the break out by individual site is already clearly answered in the specifications section of the bid under #1 (one) and #2(two). It clearly states the quoted prices must include freight, NO separate additional charges for freight can be quoted. Namely, the prices they quote must include the freight as part of the cost. The likely destination will be Shinnston or Charleston. Also as clearly stated in #2 of the specifications sheet, each path shall be packaged and labeled prior to shipping. Each path quote sheet must be completed and then the summary sheet completed to show the overall total cost.



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03/13/2009				

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	64	EA		906-29	\$278.96	\$17,853.44
CONNECTOR, ANDREW P/N 252DE, NON-TUNABLE, FLANGE TYPE CPR137G FOR EW52 WAVEGUIDE.						
0002	10	EA		906-29	\$180.16	\$1,801.60
CONNECTOR, ANDREW P/N 163DE, NON-TUNABLE, FLANGE TYPE CPR137G FOR EW63 WAVEGUIDE.						
0003	14	EA		906-29	\$191.78	\$2,684.92
CONNECTOR, ANDREW P/N 190DE, NON-TUNABLE, FLANGE TYPE CPR90G FOR STANDARD EW90-107, 10.7 - 11.7 GHZ.						
0004	15	EA		906-29	\$132.84	\$1,992.60
DEHYDRATOR, WALL SHELF, ANDREW P/N AE01A-D1306-003, FOR MT-050 DEHYDRATOR, P/N: AE01A-D1306-003.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Frank Schmitt* TELEPHONE: (703)550-5800 DATE: 4/14/09  
 TITLE: SALES ADDRESS CHANGES TO BE NOTED ABOVE

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0005	15	EA		906-29 DEHYDRATOR, ANDREW P/N MT050-81015, 115 VAC 60 HZ, LP ALARM, PRESSURE FACTORY SET AT 5 PSI, SINGLE LINE INSTALL KIT INCLUDED.	\$2,350.53	\$35,257.95
0006	1	EA		906-29 DISH 4 FT., ANDREW VALULINE VHLP4-11-6GR, HIGH PERFORMANCE, ANTENNA FOR 10.7-11.7 GHZ, CAT A, WITH SINGLE POL FEED CPR90G, GRAY WITH GRAY RADOME, FLASH, STANDARD PACK.	\$1,568.25	\$1,568.25
0007	2	EA		906-29 DISH 6 FT., ANDREW HP6-107-P1A, HIGH PERFORMANCE ANTENNA FOR 10.5-11.7 GHZ CAT A, SINGLE POL, CPR90G, GRAY WITH WHITE TEGLAR RADOME, FLASH, GLOBAL STANDARD PACK - 1 PC REFLECTOR.	\$4,737.96	\$9,475.92
0008	1	EA		906-29 DISH 6 FT., ANDREW HP6-59, HIGH PERFORMANCE	\$4,737.96	\$4,737.96

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0009	21	EA	906-29	ANTENNA FOR 5.925-6.425 GHZ, CAT A SINGLE POL., CPR137G GRAY WITH WHITE TEGLAR RADOME, FLASH, GLOBAL STANDARD PACK - 1 PC REFLECTOR.	\$2,103.30	\$44,169.30
0010	5	EA	906-29	DISH 6 FT., ANDREW PAR6-59-PXA, STANDARD ANTENNA FOR 5.925-6.425 GHZ, CAT A, WITH SINGLE POL., CPR137G, GRAY WITH GRAY MOLDED RADOME, FLASH, GLOBAL STANDARD PACK - 1 PC REFLECTOR.	\$2,064.56	\$10,322.80
0011	3	EA	906-29	DISH 6 FT., ANDREW VALULINE, VHLP6-11-6GR, HIGH PERFORMANCE ANTENNA FOR 10.7-11.7 GHZ, CAT A, SINGLE POL, CPR90G, GRAY WITH GRAY RADOME, FLASH, STANDARD	\$2,767.50	\$8,302.50

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0012	1	EA		906-29	\$5,883.71	\$5,883.71
DISH 8 FT., ANDREW HP8-107-PIA, HIGH PERFORMANCE						
ANTENNA FOR 10.7-11.7 GHZ, CAT A, SINGLE POL, CPR90G, GRAY WITH WHITE TEGLAR RADOME, FLASH, GLOBAL STANDARD PACK - 1 PC REFLECTOR.						
0013	10	EA		906-29	\$3,083.00	\$30,830.00
DISH 8 FT., ANDREW PAR3-59-PXA, STANDARD ANTENNA FOR						
5.925-6.425 GHZ, CAT A SINGLE POL., CPR137G, GRAY WITH GRAY MOLDED RADOME, FLASH, GLOBAL STANDARD PACK - 1 PC REFLECTOR.						
0014	148	EA		906-29	\$18.94	\$2,803.12
GROUNDING KIT, ANDREW 241088-4, 24" LEAD, WITH						
2-HOLE FACTORY ATTACHED LUG FOR 1-5/8" COAXIAL CABLE, EW52, AND EW63 HELIAX WAVEGUIDE.						
0015	28	EA		906-29	\$17.80	\$498.40
GROUNDING KIT, ANDREW 204989-2, 24" CABLE WITH						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>Frank H. Holtz</i>		TELEPHONE (703)550-5800		DATE 4/14/09		
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0016	32	EA		906-29	\$74.72	\$2,391.04
1-HOLE FACTORY ATTACHED LUG FOR 7/8" COAXIAL AND EW85, EW90, EW127A, AND EW132 WAVEGUIDE HELIAX.						
HANGERS, ANDREW EWSH-6B, SNAP-IN HANGER KIT OF 10, FOR EW63 HELIAX WAVEGUIDE.						
0017	41	EA		906-29	\$63.65	\$2,609.65
HANGERS, ANDREW EWSH-90, SNAP-IN HANGER KIT OF 10, FOR EW90 HELIAX WAVEGUIDE.						
0018	4	EA		906-29	\$22.69	\$90.76
HANGERS, ANDREW 42396A-8, STAINLESS STEEL, HANGER KIT OF 10, FOR EW52 HELIAX WAVEGUIDE.						

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SIGNATURE: *Frank Hilbath* TELEPHONE: (703)550-5800 DATE: 4/14/09  
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0019	190	EA		906-29	\$74.72	\$14,196.80
HANGERS, ANDREW EWSH-52, SNAP-IN HANGER KIT OF 10, FOR EW52 HELIAX WAVEGUIDE.						
0020	38	EA		906-29	\$25.12	\$954.56
HOISTING GRIP, ANDREW 24312-A, STANDARD, FOR 1 5/8" CABLE AND EW52, AND EW63 ELLIPTICAL WAVEGUIDES.						
0021	7	EA		906-29	\$19.36	\$135.52
HOISTING GRIP, ANDREW 29958, STANDARD, FOR EW85, EW90, EW127A, AND EW132 ELLIPTICAL WAVEGUIDES.						
0022	2	EA		906-29	\$468.63	\$1,874.52
LINE MONITOR, ANDREW MH-8B-001, EIGHT LINES 3-8 PSI INCLUDES TWO INSTALLATION KITS AEO1K-C0331.						
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 7

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

RFQ COPY

TYPE NAME/ADDRESS HERE

CEI SALES, LLC  
 8500 CINDER BED RD. #100  
 NEWINGTON, VA 22122

HEALTH AND HUMAN RESOURCES  
 BPH - TRAUMA & EMERGENCY CARE  
 SYSTEM - NOROP CENTER  
 190 HART FIELD ROAD  
 MORGANTOWN, WV  
 26505 304-285-3332

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/13/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0023	13	EA		906-29	\$468.63	\$6,092.19
LINE MONITOR, ANDREW MH-4B-001, FOUR LINES 3-8 PSI INCLUDES INSTALLATION KIT AEO1K-C0331.						
0024	3	EA		906-29	\$267.16	\$801.48
MANIFOLD, ANDREW P/N 6600D-6, SIX OUTLET GAS MANIFOLD WITH GAUGE AND SHUTOFF VALVE INCLUDES 3/8 TUBE INSTALLATION.						
0025	12	EA		906-29	\$191.88	\$2,302.56
MANIFOLD, ANDREW P/N 6600D-4, FOUR OUTLET GAS MANIFOLD WITH GAUGE AND SHUTOFF VALVE INCLUDES 3/8 TUBE INSTALLATION.						
0026	7	EA		906-29	\$46.68	\$326.76
PRESSURE WINDOW, ANDREW 55001-90, FOR USE WITH FLANGE TYPE CPR90G.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Frank G. Sliotta</i>	TELEPHONE (703)550-5800	DATE 4/14/09
TITLE SALES	FEIN	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  
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ADDRESS CORRESPONDENCE TO ATTENTION OF  
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VENDOR

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SHIP TO

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03/13/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0027	35	EA		906-29	\$46.68	\$1,633.80
PRESSURE WINDOW, ANDREW 55001-137, 5.925 - 7.125 GHZ, FOR USE WITH FLANGE TYPE CPR137G.						
0028	5	EA		906-29	\$202.34	\$1,011.70
STRUT KIT, ANDREW 520570-1, ADJUSTABLE INBOARD OPTIONAL SIDE STRUT FOR 4' AND 6' MICROWAVE ANTENNAS.						
0029	11	EA		906-29	\$225.46	\$2,480.06
STRUT KIT, ANDREW 520570-3, OUTBOARD STRUT KIT FOR 8' - 12' MICROWAVE ANTENNAS, INCLUDES U-JOINT & HARDWARE FOR ATTACHMENT TO REFLECTOR STRUT BRACKET, STRUT COLLAR ASSEMBLY INCLUDED, PIPE IS SCHEDULE 80 AND 10.5 FT.						
0030	7	EA		906-29	\$290.90	\$2,036.30
TWIST-FLEX, 35", ANDREW F090PC0360CS, WR90 10.7-11.7 GHZ, SIZE EIA WR90, CONNECTORS CPR90G EA, END.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Frank Galvito</i>	TELEPHONE (703)550-5800	DATE 4/14/09
TITLE SALES	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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PAGE  
 9

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HEALTH AND HUMAN RESOURCES  
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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/13/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UCF	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0031	37	EA		906-29	\$382.22	\$14,142.14
TWIST-FLEX, 36", ANDREW F137PC0360CB, 5.85-8.200 GHZ						
SIZE EIA WR137, FLANGE TYPE CPR137G EA. END.						
0032	3,715	FT		906-29	\$16.54	\$61,446.10
WAVEGUIDE, MAIN PATH, ANDREW EW52, HELIAX ELLIPTICAL						
WAVEGUIDE, STANDARD TYPE EW52, 5.60 - 6.425 GHZ.						
0033	909	FT		906-29	\$14.08	\$12,798.72
WAVEGUIDE, MAIN PATH, ANDREW EW63, HELIAX ELLIPTICAL						
WAVEGUIDE, STANDARD TYPE EW63, 5.925-7.125 GHZ.						
0034	730	FT		906-29	\$13.38	\$9,767.40
WAVEGUIDE, MAIN PATH, ANDREW EW90, HELIAX ELLIPTICAL						
WAVEGUIDE, STANDARD TYPE EW90, 10.2 - 11.7 GHZ.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Frank Schlotter* TELEPHONE (703)550-5800 DATE 4/14/09  
 TITLE SALES FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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PAGE  
 10

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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/13/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME: 01:30PM

LINE	QUANTITY	UQP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0035	26	EA		906-29	\$618.57	\$16,082.82
	RADOME, 6FT., STANDARD MOUNT, ANDREW P/N R6E.					
0036	10	EA		906-29	\$936.52	\$9,365.20
	RADOME, 8FT., STANDARD MOLDED, ANDREW P/N R8F.					
0037	1	EA		906-29	\$226.63	\$226.63
	STEP-TWIST, 90-DEGREE, CPR137G, ANDREW P/N 65230-137					
	FOR 6.425-7.125 GHZ.					
0038	1,960	FT		906-29	\$16.54	\$32,418.40
	WAVEGUIDE, DIVERSITY PATH, ANDREW EW52, HELIAX					
	ELLIPITCAL WAVEGUIDE, STANDARD TYPE EW52, 5.60-6.425 GHZ.					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Frank G. Gatti* TELEPHONE (703)550-5800 DATE 4/14/09  
 TITLE SALES FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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PAGE  
 11

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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/13/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0039	450	FT		906-29	\$13.38	\$6,021.00
WAVEGUIDE, DIVERSITY PATH, ANDREW EW90, HELIAX  ELLIPTICAL WAVEGUIDE, STANDARD TYPE EW90, 10.2 - 11.7 GHZ.  THE WEST VIRGINIA DEPARTMENT OF HEALTH AND HUMAN RESOURCES (DHHR), STATE TRAUMA AND EMERGENCY CARE SYSTEM (STEC) DESIRES TO PURCHASE THE FOLLOWING COMMUNICATIONS SYSTEM HARDWARE INCLUDING MICROWAVE ANTENNAS AND TRANSMISSION LINES, AND OTHER PARTS AND ACCESSORIES FOR THE STATEWIDE MEDICAL COMMAND COMMUNICATIONS SYSTEMS. VENDOR MUST MEET THE FOLLOWING SPECIFICATIONS:  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.  BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.  INQUIRIES: WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH CLOSE OF BUSINESS ON 4/6/2009. QUESTIONS MAY BE SENT VIA USPS, FAX, COURIER OR E-MAIL. IN ORDER TO ASSURE NO						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Frank Bilalich* TELEPHONE (703)550-5800 DATE 4/14/09  
 TITLE SALES FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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# Request for Quotation

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PAGE  
 12

ADDRESS CORRESPONDENCE TO ATTENTION OF  
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 804-558-0067

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HEALTH AND HUMAN RESOURCES  
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DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/13/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>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>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>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION            PURCHASING DIVISION            BUILDING 15</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Frank L. Elliott* TELEPHONE (703)550-5800 DATE 4/14/09  
 TITLE SALES FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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PAGE  
 13

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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/13/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130  PLEASE NOTE: A CONVENIENCE COPY WOULD BE APPRECIATED.  THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:  SEALED BID  BUYER: -----RW/FILE 22----- RFQ. NO.: -----BPH90123----- BID OPENING DATE: -----4/22/2009----- BID OPENING TIME: -----1:30 PM-----  PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: -----(703)550-5180-----  CONTACT PERSON (PLEASE PRINT CLEARLY): -----CHARLES MOJJA-----						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Frank G. Gistler* TELEPHONE (703)550-5800 DATE 4/14/09  
 TITLE SALES FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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# Request for Quotation

RFQ NUMBER:  
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PAGE:  
 14

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
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VENDOR

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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/13/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME: 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ BPH90123 ***** TOTAL:						\$379,388.58

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Frank Helgert* TELEPHONE: (703)550-5800 DATE: 4/14/09  
 TITLE: SALES FEIN: ADDRESS CHANGES TO BE NOTED ABOVE

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

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
<b>PHASE 10 MW ANTENNA PARTS SUMMARY SHEET</b>							
1.00	64	252SE	Andrew	Connector, Andrew PIN (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide	Replacement for part 252DE	\$0.00	\$0.00
2.00	10	163SE	Andrew	Connector, Andrew PIN (163DE) Non-tunable, Flange type CPR137G For EW52 Waveguide	Replacement for part 163DE	\$278.96	\$17,853.44
3.00	14	190SE	Andrew	Connector, Andrew PIN (190DE) Non-Tunable, Flange type CPR90G for standard EW90-107	Replacement for part 190DE	\$180.16	\$1,801.60
4.00	15	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew PIN (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$191.78	\$2,684.92
5.00	15	MT050-81315	Andrew	Dehydrator, Andrew PIN (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at	Replacement for part MT050-81015	\$132.84	\$1,992.60
6.00	1	VHLP4-11-6GR	Andrew	Dish 4ft, Andrew Valuline (VHLP4-11-6GR) High performance antenna for 10.7-11.7 GHz, C		\$2,350.53	\$5,257.95
7.00	2	HP6-107-PIA/H	Andrew	Dish 6ft, Andrew (HP6-107) High performance antenna for 10.5-11.7 GHz, Cat A, single Pol	Replacement for part HP6-107-PIA	\$1,568.25	\$1,568.25
8.00	1	HP6-59-P1A/K	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR1	Replacement for part HP6-59	\$4,737.96	\$9,475.92
9.00	21	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-65) standard antenna for 6.425-7.125 GHz, Cat A, single Pol, CPR1		\$4,737.96	\$4,737.96
10.00	5	PAR6-65-PXA	Andrew	Dish 6ft, Andrew Valuline (VHLP6-11) High performance antenna for 10.7-11.7 GHz, Cat A, s		\$2,103.30	\$44,169.30
11.00	3	VHLP6-11-6GR	Andrew	Dish 8ft, Andrew (HP8-107) high performance antenna for 10.7-11.7 GHz, Cat A, single pol, C		\$2,064.56	\$10,322.80
12.00	1	HP8-107-PIA	Andrew	Dish 8ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR1		\$2,767.50	\$8,302.50
13.00	10	PAR8-59-PXA	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxia		\$5,883.71	\$5,883.71
14.00	148	241088-4	Andrew	Grounding Kit, Andrew (204989-2), 24" cablewith 1-hole factory attached lug for 7/8" coaxial c	Replacement for part 204989-2	\$3,083.00	\$30,830.00
15.00	28	241088-2	Andrew	Hangers, Andrew (EWSH-63) Snap-in hangar kit of 10, for EW63 Heliax Waveguide (or equal		\$18.94	\$2,803.12
16.00	32	EWSH-63	Andrew	Hangers, Andrew (EWSH-90) Snap-in hangar kit of 10, for EW90 Heliax waveguide (or equal		\$17.80	\$498.40
17.00	41	EWSH-90	Andrew	Hangers, Andrew (42396A-8) Stainless steel, hangar kit of 10, for EW52 Heliax waveguide (o		\$74.72	\$2,391.04
18.00	4	42396A-8	Andrew	Hangers, Andrew (EWSH-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$63.65	\$2,609.65
19.00	190	EWSH-52	Andrew	Hangers, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical w		\$22.69	\$90.76
20.00	38	24312A	Andrew	Hoisting Grip, Andrew (29958) Standard, for EW85, EW90, EW127A, and EW132 elliptical w		\$74.72	\$14,196.80
21.00	7	29958	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical w		\$25.12	\$954.56
22.00	4	LM400-H	Andrew	Line Monitor, Andrew, Eight lines 3-8 Psi Includes Two installation kits AE01K-C0331 (or Equ	make up 1 of the MH-8B-001	\$468.63	\$1,874.52
23.00	13	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$468.63	\$6,092.19
24.00	3	6600D-6	Andrew	Manifold, Andrew PIN 6600D-6, Six outlet gas manifold with gauge and shutoff valve include		\$267.16	\$801.48
25.00	12	6600D-4	Andrew	Manifold, Andrew PIN 6600D-4, Four outlet gas manifold with gauge and shutoff valve include		\$191.88	\$2,302.56
26.00	7	55001-90	Andrew	Pressure Window, Andrew (55001-90) for use with flange type CPR90G (or equal)		\$46.68	\$326.76
27.00	35	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (o		\$46.68	\$1,633.80
28.00	5	520570-1	Andrew	Strut Kit, Andrew (520570-1) Adjustable inboard optical side strut for 4' and 6' microwave ant		\$202.34	\$1,011.70
29.00	11	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8'-12' microwave antenna, includes U-joi		\$225.46	\$2,480.06
30.00	7	F090CCS3	Andrew	Twist-Flex, 35", Andrew (F090PC0360CS) WR90 0.7-11.7 GHz, size EIA WR90, Connectors	Replacement for part F090PC0360CS	\$290.90	\$2,036.30
31.00	37	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type C	Replacement for part F137PC0360CB	\$382.22	\$14,142.14
32.00	3715	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5'		\$16.54	\$61,446.10
33.00	909	EW63	Andrew	Waveguide, Main Path, Andrew (EW63) Heliax Elliptical waveguide, Standard Type EW52, 5'		\$14.08	\$12,798.72
34.00	730	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Heliax Elliptical waveguide, Standard Type EW52, 10'		\$13.38	\$9,767.40
35.00	26	R6E	Andrew	Randome, 6ft, Standard Molded, Andrew PINR6E (or equal)		\$618.57	\$16,082.82
36.00	10	R8F	Andrew	Randome, 8ft, Standard Molded, Andrew PINR8E (or equal)		\$936.52	\$9,365.20
37.00	1	D137CCSG	Andrew	Step-Twist, 90 degree, CPR137G, Andrew PIN 65230-137 for 6.425-7.125 GHz (or equal)	Replacement for part 65230-137 U6	\$226.63	\$226.63
38.00	1960	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5'		\$16.54	\$32,418.40
39.00	450	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Heliax Elliptical waveguide, Standard Type EW52, 10'		\$13.38	\$6,021.00

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
40.00				PHASE 10 MW ANTENNA PARTS SUMMARY SHEET		\$0.00	\$0.00	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$379,388.58</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>PHASE 10 MW ANTENNA PARTS SUMMARY SHEET TOTAL</b>							<b>\$379,388.58</b>	
<p><b>NOTES:</b></p> <p>1) All equipment costs are shown at prices for September 01, 2008                      Final prices may vary depending on date of actual purchase.                      Pricing is based on system package purchase. Individual prices may change if package not purchased in entirety.</p> <p>2) Equipment costs are exclusive of local taxes, delivery and insurance charges.</p> <p>3) Prices shown are for preliminary use only and will change as specific quantities and equipment model types are chosen.</p> <p>4) The above list reflects CEI's current understanding of the project. It is expected that this will be refined as the project progresses.</p> <p>5) Engineering &amp; Installation Service Fees are exclusive of reimbursable expenses such as Duplication, Long Distance Phone Calls, Printing, Necessary (approved) Travel, On Site Living Expenses &amp; Parking.</p> <p>6) This Master Equipment List includes data that may not be duplicated, used, or disclosed outside the Client Name Project Team and may not be duplicated in whole or in part for any purpose other than for discussion of this budget.</p> <p>7) All Client Name Furnished Equipment must be in sound working condition and be complete with all accessories to include cables, mounting hardware, and operational software. Time and materials to diagnose, repair and acquire missing accessories are out of scope and subject to additional fees at published CEI shop rates.</p>								

## **Specifications**

The West Virginia Department of Health and Human Resources (DHHR), State Trauma and Emergency Care System (STECS) desires to purchase the following communications system hardware including microwave antennas and transmission lines, and other parts and accessories for the Statewide Medical Command communications system. Vendor must meet the following specifications:

1. Vendor quoted amounts shall include freight and shipping costs F.O.B. to destination to any West Virginia location. Specifically, no additional charges should be quoted for shipping.
2. Vendor must complete the entire price list quote sheet for each path and shall package and label each path prior to shipping.
3. Each path must be shipped complete. No partial shipment of a specific path will be accepted.
4. Vendor must insure delivery of all equipment within eight (8) weeks of order date.
5. All dishes and transmission line must be Andrews "or equal" to assure match with existing system.
6. Vendor must provide at least 48 hours notice to STECS of shipment dates.
7. Payment will be made once all order/path's are received at the address specified by State Medical Command Communications Director.
8. All parts must be compatible with Andrews part numbers with no deviations, or equal.

STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

### VENDOR OWING A DEBT TO THE STATE:

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

### PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

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

### ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

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

### LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

### CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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

Vendor's Name: CEI SALES, LLC

Authorized Signature: *Frank H. Hester* Date: 4/14/09



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: CEI SALES, LLC Signed: *Frank Kilioti*  
 Date: 4/14/09 Title: SALES

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

MASTER EQUIPMENT LIST



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				ROM-KEY				
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00	
2.00	2	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/	Replacement for part 252DE	\$0.00	\$0.00	
3.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$2,103.30	\$1,115.84	
4.00	9	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Step-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$18.94	\$4,206.60	
5.00	2	24312A	Andrew	Hoisting Crp, Andrew (24312-A) Standard, for 1-5/8" cable and EW63 Elliptical waveguides (or		\$74.72	\$151.52	
6.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$25.12	\$672.48	
7.00	2	F137CCB3	Andrew	Waveguide, Main Path, Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea e	Replacement for part F137PC0360CB	\$382.22	\$93.36	
8.00	150	EW52	Andrew	Waveguide, 6ft, Standard Molded, Andrew P1NR6E (or equal)		\$16.54	\$784.44	
9.00	2	R6E	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$618.57	\$2,481.00	
10.00	120	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$1,984.80	
EQUIPMENT SUBTOTAL							\$12,757.42	
INSTALLATION MATERIALS SUBTOTAL							\$0.00	
SERVICES SUBTOTAL							\$0.00	
ROM-KEY TOTAL							\$12,757.42	

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				<b>KEY-ROOM</b>			
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$0.00	\$0.00
3.00	1	MT050-81315	Andrew	Dehydrator, Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at 5 PSI, single		\$278.96	\$1,115.84
4.00	2	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/	Replacement for part MT050-81015	\$132.84	\$132.84
5.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$2,350.53	\$2,350.53
6.00	9	EWSH-52	Andrew	Hangers, Andrew (EWSH-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$2,103.30	\$4,206.60
7.00	2	24312A	Andrew	Hoisting Grp, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$672.48
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$50.24
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$468.63	\$468.63
10.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$191.88
11.00	2	F137CCB3	Andrew	Twist-Flex, 38", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea c	Replacement for part F137PC0360CB	\$382.22	\$764.44
12.00	150	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$2,481.00
13.00	2	R6E	Andrew	Random, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$618.57	\$1,237.14
14.00	120	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$1,984.80
<b>EQUIPMENT SUBTOTAL</b>							<b>\$15,901.30</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>KEY-ROOM TOTAL</b>							<b>\$15,901.30</b>

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
<b>WMG-CAR</b>							
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$278.96	\$1,115.84
3.00	1	MT050-81015	Andrew	Dehydrator, Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at 5 PSI, single	Replacement for part MT050-81015	\$132.84	\$132.84
4.00	2	PAR6-59-PXA	Andrew	Dish 6FL, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/		\$2,350.53	\$4,701.06
5.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52;		\$2,103.30	\$4,206.60
6.00	9	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$18.94	\$170.46
7.00	2	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW63 Elliptical waveguides (or		\$74.72	\$149.44
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$25.12
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$468.63	\$468.63
10.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$383.76
11.00	2	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CE) 5.95-8.200 GHz, size EIA WR137, Flange Type CPR137G ea	Replacement for part F137PC0360CB	\$382.22	\$764.44
12.00	150	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$2,481.00
13.00	2	R6E	Andrew	Random, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$618.57	\$1,237.14
14.00	120	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$1,984.80
<b>EQUIPMENT SUBTOTAL</b>							<b>\$15,901.30</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>WMG-CAR TOTAL</b>							<b>\$15,901.30</b>



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>CAR-WING</b>				
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00	
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$0.00	\$0.00	
3.00	1	MT050-81315	Andrew	Dehydrator , Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at 5 PSI, single		\$278.96	\$1,115.84	
4.00	2	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Grey w/	Replacement for part MT050-81015	\$132.84	\$132.84	
5.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-3/8" coaxial cable, EW52,		\$2,350.53	\$2,350.53	
6.00	9	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Helix Waveguide (or equal)		\$2,103.30	\$4,206.60	
7.00	2	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$672.48	
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$50.24	
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube Ins		\$468.63	\$468.63	
10.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$191.88	
11.00	2	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea t	Replacement for part F137PC0360CB	\$46.68	\$93.36	
12.00	150	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz,		\$382.22	\$764.44	
13.00	2	RBE	Andrew	Random, 6ft, Standard Molded, Andrew P/NRBE (or equal)		\$16.54	\$2,481.00	
14.00	120	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz,		\$618.57	\$1,237.14	
						\$16.54	\$1,984.80	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$15,901.30</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>CAR-WING TOTAL</b>							<b>\$15,901.30</b>	

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>KOP-LIC</b>				
1.00	2	252SE	Andrew	Connector, Andrew PIN (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00	
2.00	1	HP6-59-P1AK	Andrew	Dish 6F1, Andrew (HP6-59) High performance antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G,	Replacement for part HP6-59	\$0.00	\$0.00	
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52,		\$278.96	\$557.92	
4.00	4	42396A-8	Andrew	Hangers, Andrew (42396A-8) Stainless steel, hangar kit of 10, for EW52 Heliax waveguide (or equal)		\$4,737.96	\$4,737.96	
5.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$18.94	\$75.76	
6.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$22.69	\$90.76	
7.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea		\$25.12	\$25.12	
8.00	110	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz,	Replacement for part F137PC0360CB	\$382.22	\$382.22	
						\$16.54	\$1,819.40	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$7,735.82</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>KOP-LIC TOTAL</b>							<b>\$7,735.82</b>	

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
<b>LIC-KOP</b>							
1.00	2	252SE	Andrew	Connector, Andrew PIN (252DE), Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew PIN (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$278.96	\$57.92
3.00	1	MT050-81315	Andrew	Dehydrator , Andrew P/N (MT050-81015) 115 Vac 60 Hz , LP Alarm, Pressure Factory set at 5 PSI, single	Replacement for part MT050-81015	\$132.84	\$132.84
4.00	1	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray v		\$2,350.53	\$2,350.53
5.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW5		\$2,103.30	\$2,103.30
6.00	3	EWSH-52	Andrew	Hangers, Andrew (EWSH-52) Snap-in Hanger kit of 10, EW52 Heliax Waveguide (or equal)		\$18.94	\$75.76
7.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (C		\$74.72	\$224.16
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$25.12
9.00	1	6600D-4	Andrew	Manifold, Andrew PIN 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube in		\$468.63	\$468.63
10.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$191.88
11.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea	Replacement for part F137PC0360CB	\$382.22	\$382.22
12.00	80	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$1,323.20
13.00	1	R6E	Andrew	Randomome, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$618.57	\$618.57
<b>EQUIPMENT SUBTOTAL</b>							<b>\$8,500.81</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>LIC-KOP TOTAL</b>							<b>\$8,500.81</b>

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
<b>MAL-GUA</b>							
1.00	2	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00
2.00	1	PAR8-59-PXA	Andrew	Dish 8ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray v		\$0.00	\$0.00
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$278.96	\$557.92
4.00	5	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$3,083.00	\$3,083.00
5.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (C		\$74.72	\$75.76
6.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$25.12	\$25.12
7.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8'-12' microwave antennas, includes U-joint & hardwar		\$46.68	\$46.68
8.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea	Replacement for part F137PC0360CB	\$225.46	\$225.46
9.00	130	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$382.22	\$382.22
10.00	1	R8F	Andrew	Random, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$16.54	\$16.54
						\$936.52	\$936.52
<b>EQUIPMENT SUBTOTAL</b>							<b>\$7,856.48</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>MAL-GUA TOTAL</b>							<b>\$7,856.48</b>



# MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				<b>GUA-MAL</b>			
1.00	2	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$0.00	\$0.00
3.00	1	MT050-81315	Andrew	Dehydrator, Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at 5 PSI, single	Replacement for part MT050-81015	\$278.96	\$557.92
4.00	1	PAR8-59-PXA	Andrew	Dish 8Ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/		\$132.84	\$132.84
5.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EWS,		\$2,350.53	\$9,402.12
6.00	5	EWSH-52	Andrew	Hangers, Andrew (EWSH-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$3,083.00	\$12,332.00
7.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$74.72
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$25.12
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$468.63	\$468.63
10.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$191.88
11.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8'-12" microwave antennas, includes U-joint & hardware		\$46.68	\$46.68
12.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.95-6.200 GHz, size EIA WR137, Flange Type CPR137G ea €	Replacement for part F137PC0360CB	\$225.46	\$225.46
13.00	130	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz,		\$382.22	\$49,688.60
14.00	1	R8F	Andrew	Randome, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$16.54	\$16.54
						\$936.52	\$936.52
<b>EQUIPMENT SUBTOTAL</b>							<b>\$11,000.36</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>GUA-MAL TOTAL</b>							<b>\$11,000.36</b>

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>WAY-DUN</b>				
1.00	2	252SE	Andrew	Connector, Andrew PIN (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00	
2.00	1	PAR8-59-PXA	Andrew	Dish 8ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A single Poi, CPR137G, Gray w		\$0.00	\$0.00	
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW5		\$278.96	\$557.92	
4.00	8	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hanger kit of 10, EW52 Heliax Waveguide (or equal)		\$3,083.00	\$3,083.00	
5.00	2	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$18.84	\$75.76	
6.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$25.12	\$50.24	
7.00	1	F137COB3	Andrew	Stut Kit, Andrew (520570-3) Outboard Stut kit for 8-12" microwave antennas, includes U-joint & hardware		\$46.68	\$46.68	
8.00	1	F137COB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea €	Replacement for part F137PC0360CB	\$225.46	\$225.46	
9.00	225	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz,		\$382.22	\$382.22	
10.00	1	R8F	Andrew	Random, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$16.54	\$16.54	
						\$936.52	\$936.52	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$9,677.06</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>WAY-DUN TOTAL</b>							<b>\$9,677.06</b>	

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
DUN-WAY							
1.00	2	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$0.00	\$0.00
3.00	1	MT050-81315	Andrew	Dehydrator , Andrew P/N (MT050-81015) 115 Vac 60 Hz , LP Alarm, Pressure Factory set at 5 PSI, single		\$278.96	\$557.92
4.00	1	PAR8-59-PXA	Andrew	Dish 8ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/	Replacement for part MT050-81015	\$132.84	\$132.84
5.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52,		\$2,350.53	\$2,350.53
6.00	7	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$3,083.00	\$3,083.00
7.00	2	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW62, and EW63 Elliptical waveguides (or		\$74.72	\$523.04
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation Kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$50.24
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$468.63	\$468.63
10.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$191.88
11.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8-12" microwave antennas, includes U-joint & hardware		\$46.68	\$46.68
12.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.95-8.200 GHz, size EIA WR137, Flange Type CPR137G sea	Replacement for part F137PC0360CB	\$225.46	\$225.46
13.00	205	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz,		\$382.22	\$382.22
14.00	1	R8F	Andrew	Randomome, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$16.54	\$3,390.70
							\$936.52
EQUIPMENT SUBTOTAL							\$12,415.42
INSTALLATION MATERIALS SUBTOTAL							\$0.00
SERVICES SUBTOTAL							\$0.00
DUN-WAY TOTAL							\$12,415.42

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>DUN-WAR</b>				
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00	
2.00	1	PAR6-59-PXA	Andrew	Dish 6Ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHZ, Cat A single Pol, CPR137G, Gray w/		\$0.00	\$0.00	
3.00	1	PAR8-59-PXA	Andrew	Dish 8Ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHZ, Cat A single Pol, CPR137G, Gray w/		\$278.96	\$1,115.84	
4.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52,		\$2,103.30	\$2,103.30	
5.00	16	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$3,083.00	\$3,083.00	
6.00	2	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$151.52	
7.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHZ for use with flange type CPR90G (or equal)		\$25.12	\$50.24	
8.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8'-12" microwave antennas, includes U-joint & hardware		\$46.68	\$93.36	
9.00	2	F137COB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHZ, size EIA WR137, Flange Type CPR137G see 6	Replacement for part F137PC0360CB	\$225.46	\$450.92	
10.00	250	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$382.22	\$96,555.00	
11.00	1	R6E	Andrew	Random, 6ft, Standard Molded, Andrew PINR6E (or equal)		\$16.54	\$16.54	
12.00	1	R8F	Andrew	Random, 8ft, Standard Molded, Andrew PINR8E (or equal)		\$618.57	\$618.57	
13.00	210	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$936.52	\$196,669.20	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$17,946.17</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>DUN-WAR TOTAL</b>							<b>\$17,946.17</b>	

MASTER EQUIPMENT LIST



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				<b>WAR-DUN</b>			
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal	Replacement for part 252DE	\$0.00	\$0.00
3.00	1	MT050-81315	Andrew	Dehydrator, Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at 5 PSI, single		\$278.96	\$1,115.84
4.00	1	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/		\$132.84	\$132.84
5.00	1	PAR8-59-PXA	Andrew	Dish 8ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/	Replacement for part MT050-81015	\$2,350.53	\$2,350.53
6.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$2,103.30	\$2,103.30
7.00	13	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Helix Waveguide (or equal)		\$3,083.00	\$3,083.00
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi includes installation kits AE01K-C0331 (or Equal)		\$18.94	\$18.94
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins	Replacement for part MH-4B-001	\$468.63	\$468.63
10.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$191.88
11.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8-12" microwave antennas, includes U-joint & hardware		\$46.68	\$46.68
12.00	2	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.65-8.200 GHz, size EIA WR137, Flange Type CPR137G ea e		\$225.46	\$225.46
13.00	210	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz	Replacement for part F137PC0360CB	\$382.22	\$764.44
14.00	1	R6E	Andrew	Randomome, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$16.54	\$16.54
15.00	1	R8F	Andrew	Randomome, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$936.52	\$936.52
16.00	180	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$2,977.20
<b>EQUIPMENT SUBTOTAL</b>							<b>\$19,657.85</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>WAR-DUN TOTAL</b>							<b>\$19,657.85</b>

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				<b>WAR-HOR</b>			
1.00	2	252SE	Andrew	Connector, Andrew P/N (252DE) Non-luntable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 252DE	\$0.00	\$0.00
2.00	1	PAR8-59-PXA	Andrew	Dish 8ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A single Poi, CPR137G, Gray w/		\$0.00	\$0.00
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$278.96	\$557.92
4.00	4	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$3,083.00	\$3,083.00
5.00	1	24312A	Andrew	Holisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$75.76
6.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$25.12	\$25.12
7.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8-12" microwave antennas, includes U-joint & hardware		\$46.68	\$46.68
8.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea		\$225.46	\$225.46
9.00	120	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz,	Replacement for part F137PC0360CB	\$382.22	\$382.22
10.00	1	R8F	Andrew	Random, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$16.54	\$1,984.80
						\$936.52	\$936.52
<b>EQUIPMENT SUBTOTAL</b>							<b>\$7,616.36</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>WAR-HOR TOTAL</b>							<b>\$7,616.36</b>

MASTER EQUIPMENT LIST



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				<b>HOR_WAR</b>			
1.00	2	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal	Replacement for part 252DE	\$0.00	\$0.00
3.00	1	MT050-81315	Andrew	Dehydrator , Andrew P/N (MT050-81015) 115 Vac 60 Hz , LP Alarm, Pressure Factory set at 5 PSI, single		\$278.96	\$557.92
4.00	1	PAR8-59-PXA	Andrew	Dish 8Ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/	Replacement for part MT050-81015	\$132.84	\$132.84
5.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$2,350.53	\$2,350.53
6.00	4	EWSH-52	Andrew	Hangers, Andrew (EWSH-52) Snap-in Hangar kit of 10, EW52 Helix Waveguide (or equal)		\$3,083.00	\$3,083.00
7.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$74.72
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$25.12
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$468.63	\$468.63
10.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$191.88
11.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8-12" microwave antennas, includes U-joint & hardware		\$46.68	\$46.68
12.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea e	Replacement for part F137PC0360CB	\$225.46	\$225.46
13.00	120	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$382.22	\$382.22
14.00	1	R8F	Andrew	Random, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$16.54	\$1,984.80
						\$936.52	\$936.52
				<b>EQUIPMENT SUBTOTAL</b>			<b>\$10,760.24</b>
				<b>INSTALLATION MATERIALS SUBTOTAL</b>			<b>\$0.00</b>
				<b>SERVICES SUBTOTAL</b>			<b>\$0.00</b>
				<b>HOR_WAR TOTAL</b>			<b>\$10,760.24</b>

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				<b>COL-BUC</b>			
1.00	2	163SE	Andrew	Connector, Andrew P/N (163DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 163DE	\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$0.00	\$0.00
3.00	1	MT050-81315	Andrew	Dehydrator , Andrew P/N (MT050-81015) 115 Vac 60 Hz , LP Alarm, Pressure Factory set at 5 PSI, single		\$180.16	\$360.32
4.00	1	PAR6-65-PXA	Andrew	Dish 6F1, Andrew (PAR6-65) standard antenna for 6.425-7.125 GHz, Cat A, single Pol, CPR137G, Gray w	Replacement for part MT050-81015	\$132.84	\$132.84
5.00	4	241088-4	Andrew	(Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52,		\$2,350.53	\$2,350.53
6.00	5	EW5H-63	Andrew	Hangers, Andrew (EW5H-63) Snap-in hangar kit of 10, for EW63 Helix Waveguide (or equal)		\$2,064.56	\$2,064.56
7.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$18.94	\$18.94
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$74.72	\$74.72
9.00	1	6600D-6	Andrew	Manifold, Andrew P/N 6600D-6, Six outlet gas manifold with gauge and shutoff valve includes 3/8 tube inst		\$25.12	\$25.12
10.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$468.63	\$468.63
11.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea		\$267.16	\$267.16
12.00	130	EW63	Andrew	Waveguide, Main Path, Andrew (EW63) Helix Elliptical waveguide, Standard Type EW52, 5.925-7.125 GHz	Replacement for part F137PC0360CB	\$382.22	\$382.22
13.00	1	R6E	Andrew	Random, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$14.08	\$14.08
						\$618.57	\$618.57
<b>EQUIPMENT SUBTOTAL</b>							<b>\$8,996.39</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>COL-BUC TOTAL</b>							<b>\$8,996.39</b>



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>BUC-COAL</b>				
1.00	1	D137CCSG	Andrew	Step-Twist 90 degree, CPR137G, Andrew PIN 65230-137 for 6.425-7.125 GHz (or equal)	Replacement for part 65230-137 U6	\$0.00	\$0.00	
2.00						\$0.00	\$0.00	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$226.63</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>BUC-COAL TOTAL</b>							<b>\$226.63</b>	

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>CAB_WHE</b>				
1.00	2	190SE	Andrew	Connector, Andrew P/N (190DE) Non-Tunable, Flange type CPR90G for standard EW90-107, 10.7-11.7 GHz	Replacement for part 190DE	\$0.00	\$0.00	
2.00	1	AE01A-D1306-003	Andrew	Dehydrator, Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$0.00	\$0.00	
3.00	1	MT050-81315	Andrew	Dehydrator, Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at 5 PSI, single	Replacement for part MT050-81015	\$191.78	\$383.56	
4.00	1	VHLP6-11-6GR	Andrew	Dish 6 Ft, Andrew Valuline (VHL P6-11) High performance antenna for 10.7-11.7 GHz, Cat A, single Pol, CP		\$132.84	\$132.84	
5.00	4	241088-2	Andrew	Grounding Kit, Andrew (204989-2), 24" cable with 1-hole factory attached lug for 7/8" coaxial and EW85, EV		\$2,350.53	\$2,350.53	
6.00	7	EWSH-90	Andrew	Hangers, Andrew (EWSH-90) Snap-in hangar kit of 10, for EW90 Heliax waveguide (or equal)	Replacement for part 204989-2	\$17.80	\$124.60	
7.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$63.65	\$63.65	
8.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$46.68	\$46.68	
9.00	1	55001-90	Andrew	Pressure Window, Andrew (55001-90) for use with flange type CPR90G (or equal)		\$202.34	\$202.34	
10.00	1	520570-1	Andrew	Strut Kit, Andrew (520570-1) Adjustable inboard optical side strut for 4" and 6" microwave antennas (or equal)		\$290.90	\$290.90	
11.00	1	F090CCS3	Andrew	Twist-Flex, 35", Andrew (F090PC0360CS) WR90 0.7-11.7 GHz, size EIA WR90, Connectors CPR90G ea	Replacement for part F090PC0360CS	\$13.38	\$13.38	
12.00	190	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Heliax Elliptical waveguide, Standard Type EW52, 10.2-11.7 GHz			\$2,542.20	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$9,893.81</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>CAB_WHE TOTAL</b>							<b>\$9,893.81</b>	

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				MOU_CAB				
1.00	2	163SE	Andrew	Connector, Andrew PN (163DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 163DE	\$0.00	\$0.00	
2.00	1	PAR6-65-PXA	Andrew	Dish 6F1, Andrew (PAR6-65) standard antenna for 6.425-7.125 GHz, Cat A single Pol, CPR137G, Gray w		\$0.00	\$0.00	
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW63		\$180.16	\$360.32	
4.00	7	EW5H-63	Andrew	Hangers, Andrew (EW5H-63) Snap-in hangar kit of 10, for EW63 Helix Waveguide (or equal)		\$2,084.56	\$2,084.56	
5.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$75.76	
6.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$25.12	\$25.12	
7.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea €	Replacement for part F137PC0360CB	\$382.22	\$382.22	
8.00	197	EW63	Andrew	Waveguide, Main Path, Andrew (EW63) Helix Elliptical waveguide, Standard Type EW52, 5.925-7.125 GHz		\$14.08	\$2,773.76	
9.00	1	R6E	Andrew	Radome, 6ft, Standard Molded, Andrew PNR6E (or equal)		\$618.57	\$618.57	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$6,870.03</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>MOU_CAB TOTAL</b>							<b>\$6,870.03</b>	

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>CAB_MOU</b>				
1.00	2	163SE	Andrew	Connector, Andrew PIN (163DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00	
2.00	1	PAR6-65-PXA	Andrew	Dish 6Ft, Andrew (PAR6-65) standard antenna for 6.425-7.125 GHz, Cat A, single Pol, CPR137G, Gray w	Replacement for part 163DE	\$0.00	\$0.00	
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$180.16	\$360.32	
4.00	7	EW5H-63	Andrew	Hangers, Andrew (EW5H-63) Snap-in hanger kit of 10, for EW63 Heliax Waveguide (or equal)		\$18.94	\$2,064.56	
5.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$523.04	
6.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$25.12	\$25.12	
7.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea e	Replacement for part F137PC0360CB	\$382.22	\$382.22	
8.00	197	EW63	Andrew	Waveguide, Main Path, Andrew (EW63) Heliax Elliptical waveguide, Standard Type EW52, 5.925-7.125 GHz		\$14.08	\$2,773.76	
9.00	1	R6E	Andrew	Random, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$618.57	\$618.57	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$6,870.03</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>CAB_MOU TOTAL</b>							<b>\$6,870.03</b>	

MASTER EQUIPMENT LIST

4/14/2009 4:28 PM



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>CAB-WES</b>				
1.00	2	163SE	Andrew	Connector, Andrew P/N (163DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 163DE	\$0.00	\$0.00	
2.00	1	PAR6-65-PXA	Andrew	Dish 6FL Andrew (PAR6-65) standard antenna for 6.425-7.125 GHz, Cat A single Pol, CPR137G, Gray w		\$0.00	\$0.00	
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$2,064.56	\$360.32	
4.00	7	EW5H-63	Andrew	Hanging Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW63 Helix Waveguide (or equal)		\$18.94	\$75.76	
5.00	1	24312A	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$74.72	\$523.04	
6.00	1	55001-137	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea €		\$25.12	\$25.12	
7.00	1	F137CCB3	Andrew	Waveguide, Main Path, Andrew (EW63) Helix Elliptical waveguide, Standard Type EW52, 5.925-7.125 GHz	Replacement for part F137PC0360CB	\$382.22	\$382.22	
8.00	205	EW63	Andrew	Random, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$14.08	\$2,886.40	
9.00	1	R6E	Andrew			\$618.57	\$618.57	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$6,982.67</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>CAB-WES TOTAL</b>							<b>\$6,982.67</b>	



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
<b>WES-CAB</b>							
1.00	2	163SE	Andrew	Connector, Andrew P/N (163DE) Non-luntable, Flange type CPR137G For EW52 Waveguide or equal	Replacement for part 163DE	\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$0.00	\$0.00
3.00	1	MT050-81315	Andrew	Dehydrator, Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP, Alarm, Pressure Factory set at 5 PSI, single		\$180.16	\$360.32
4.00	1	PAR6-65-PXA	Andrew	Dish 6ft, Andrew (PAR6-65) standard antenna for 6.425-7.125 GHz, Cat A, single Pol, CPR137G, Gray w	Replacement for part MT050-81015	\$132.84	\$132.84
5.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-3/8" coaxial cable, EW52		\$2,350.53	\$2,350.53
6.00	6	EW5H-63	Andrew	Hangers, Andrew (EW5H-63) Snap-in hangar kit of 10, for EW63 Helix Waveguide (or equal)		\$2,084.56	\$2,084.56
7.00	1	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$448.32
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$25.12
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$468.63	\$468.63
10.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CFR90G (or equal)		\$191.88	\$191.88
11.00	1	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea €	Replacement for part F137PC0360CB	\$382.22	\$382.22
12.00	180	EW63	Andrew	Waveguide, Main Path, Andrew (EW63) Helix Elliptical waveguide, Standard Type EW52, 5.925-7.125 GHz		\$14.08	\$2,534.40
13.00	1	R6E	Andrew	Random, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$618.57	\$618.57
<b>EQUIPMENT SUBTOTAL</b>							<b>\$9,699.83</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>WES-CAB TOTAL</b>							<b>\$9,699.83</b>

MASTER EQUIPMENT LIST



Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
<b>CON-WEB</b>							
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-Tunable, Flange type CPR137G For EW52 Waveguides or equal		\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal	Replacement for part 252DE	\$0.00	\$0.00
3.00	1	MT050-81315	Andrew	Dehydrator , Andrew P/N (MT050-81015) 115 Vac, 60 Hz , LP Alarm, Pressure Factory set at 5 PSI, singk		\$278.96	\$1,115.84
4.00	1	PAR6-59-PXA	Andrew	Dish 6Ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray	Replacement for part MT050-81015	\$132.84	\$132.84
5.00	1	PAR8-59-PXA	Andrew	Dish 8Ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray		\$2,350.53	\$2,350.53
6.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW		\$2,103.30	\$2,103.30
7.00	23	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Helix Waveguide (or equal)		\$3,083.00	\$3,083.00
8.00	4	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (		\$18.94	\$151.52
9.00	2	LM400-H	Andrew	Line Monitor, Andrew, Eight lines 3-8 Psi Includes Two installation kits AE01K-C0331 (or Equal)		\$74.72	\$1,718.56
10.00	1	6600D-6	Andrew	Manifold, Andrew P/N 6600D-6, Six outlet gas manifold with gauge and shutoff valve includes 3/8 tube in	Replacement for part MH-8B-001 - 2 of the LM400- H make up 1 of the MH-8B-001	\$468.63	\$937.26
11.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$287.16	\$287.16
12.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8-12" microwave antennas, includes U-joint & hardwal		\$46.68	\$93.36
13.00	2	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea		\$225.46	\$225.46
14.00	350	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GI	Replacement for part F137PC0360CB	\$382.22	\$764.44
15.00	1	R6E	Andrew	Randomo, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$16.54	\$5,789.00
16.00	1	R8F	Andrew	Randomo, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$618.57	\$618.57
17.00	320	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GI		\$936.52	\$936.52
<b>EQUIPMENT SUBTOTAL</b>							<b>\$25,680.64</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>CON-WEB TOTAL</b>							<b>\$25,680.64</b>



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
<b>WEB-CON</b>							
1.00	4	252SE	Andrew	Connector, Andrew PIN (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew PIN (AE01A-D1306-003) for MT-050 Dehydrator or equal	Replacement for part 252DE	\$278.96	\$1,115.84
3.00	1	MT050-81315	Andrew	Dehydrator , Andrew P/N (MT050-81015) 115 Vac 60 Hz , LP Alarm, Pressure Factory set at 5 PSI, single	Replacement for part MT050-81015	\$132.84	\$132.84
4.00	1	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A single Pol, CPR137G, Gray w/		\$2,350.53	\$2,350.53
5.00	1	PAR8-59-PXA	Andrew	Dish 8ft, Andrew (PAR8-59) standard antenna for 5.925-6.425 GHz, Cat A single Pol, CPR137G, Gray w/		\$2,103.30	\$2,103.30
6.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$3,083.00	\$3,083.00
7.00	13	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$18.94	\$151.52
8.00	2	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$971.36
9.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi Includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$468.63	\$468.63
10.00	1	6600D-4	Andrew	Manifold, Andrew PIN 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$191.88	\$191.88
11.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$46.68	\$93.36
12.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8-12" microwave antennas, includes U-joint & hardware		\$225.46	\$225.46
13.00	2	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea €	Replacement for part F137PC0360CB	\$382.22	\$764.44
14.00	205	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$3,390.70
15.00	1	R6E	Andrew	Random, 8ft, Standard Molded, Andrew P/NR6E (or equal)		\$618.57	\$618.57
16.00	1	R8F	Andrew	Random, 8ft, Standard Molded, Andrew P/NR8E (or equal)		\$936.52	\$936.52
17.00	175	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$2,894.50
<b>EQUIPMENT SUBTOTAL</b>							<b>\$19,542.69</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>WEB-CON TOTAL</b>							<b>\$19,542.69</b>





MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
<b>CLE-MAL</b>								
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00	
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal	Replacement for part 252DE	\$0.00	\$0.00	
3.00	1	MT050-81015	Andrew	Dehydrator, Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at 5 PSI, single		\$278.96	\$1,115.84	
4.00	2	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w	Replacement for part MT050-81015	\$2,350.53	\$2,350.53	
5.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$2,103.30	\$4,206.60	
6.00	13	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hangar kit of 10, EW52 Helix Waveguide (or equal)		\$18.94	\$151.52	
7.00	2	24312A	Andrew	Hoisting Gnp, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$971.36	
8.00	1	LM400-H	Andrew	Line Monitor, Andrew, Four lines 3-8 Psi includes installation kits AE01K-C0331 (or Equal)	Replacement for part MH-4B-001	\$25.12	\$50.24	
9.00	1	6600D-4	Andrew	Manifold, Andrew P/N 6600D-4, Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube ins		\$468.63	\$468.63	
10.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$191.88	\$191.88	
11.00	2	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea	Replacement for part F137PC0360CB	\$46.68	\$93.36	
12.00	205	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$382.22	\$764.44	
13.00	2	R6E	Andrew	Random, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$16.54	\$3,390.70	
14.00	175	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Helix Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$618.57	\$1,237.14	
							\$16.54	\$2,894.50
<b>EQUIPMENT SUBTOTAL</b>								<b>\$18,019.58</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>								<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>								<b>\$0.00</b>
<b>CLE-MAL TOTAL</b>								<b>\$18,019.58</b>



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				<b>CLE-FLO</b>				
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00	
2.00	2	PAR6-59-PXA	Andrew	Dish 8ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w	Replacement for part 252DE	\$0.00	\$0.00	
3.00	8	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$278.96	\$1,115.84	
4.00	15	EWSH-52	Andrew	Hangers, Andrew (EWSH-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$2,103.30	\$4,206.60	
5.00	3	29958	Andrew	Hoisting Grip, Andrew (29958) Standard, for EW85, EW90, EW127A, and EW132 elliptical waveguides (or		\$74.72	\$1,120.80	
6.00	2	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$19.36	\$58.08	
7.00	2	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea	Replacement for part F137PC0360CB	\$362.22	\$764.44	
8.00	234	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$3,870.36	
9.00	2	R6E	Andrew	Randoms, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$618.57	\$1,237.14	
10.00	204	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$3,374.16	
<b>EQUIPMENT SUBTOTAL</b>							<b>\$15,992.30</b>	
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>	
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>	
<b>CLE-FLO TOTAL</b>							<b>\$15,992.30</b>	



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				<b>MAL-GAR</b>			
1.00	4	190SE	Andrew	Connector, Andrew PIN (190DE) Non-Tunable, Flange type CPR90G for standard EW90-107, 10.7-11.7 GHz	Replacement for part 190DE	\$0.00	\$0.00
2.00	1	HP6-107-P1A/H	Andrew	Dish 6ft, Andrew (HP6-107) High performance antenna for 10.5-11.7 GHz, Cat A, single Pol, CPR90G, G	Replacement for part HP6-107-P1A	\$191.76	\$767.12
3.00	1	VHLP6-11-6GR	Andrew	Dish 6ft, Andrew Valuline (VHLP6-11) High performance antenna for 10.7-11.7 GHz, Cat A, single Pol, CP		\$4,737.96	\$4,737.96
4.00	8	241088-2	Andrew	Grounding Kit, Andrew (204989-2), 24" cable with 1-hole factory attached lug for 7/8" coaxial and EW85, EV	Replacement for part 204989-2	\$2,767.50	\$2,767.50
5.00	11	EW5H-90	Andrew	Hangers, Andrew (EW5H-90) Snap-in hangar kit of 10, for EW90 Heliax waveguide (or equal)		\$17.80	\$142.40
6.00	2	29958	Andrew	Hoisting Gtp, Andrew (29958) Standard, for EW85, EW90, EW127A, and EW132 elliptical waveguides (or		\$63.65	\$700.15
7.00	2	55001-90	Andrew	Pressure Window, Andrew (55001-90) for use with flange type CPR90G (or equal)		\$19.36	\$38.72
8.00	2	520570-1	Andrew	Strut Kit, Andrew (520570-1) Adjustable inboard optical side strut for 4' and 6' microwave antennas (or equ		\$46.68	\$93.36
9.00	2	F090CCS3	Andrew	Twist-Flex, 35", Andrew (F090CC360CS) WR90 0.7-11.7 GHz, size EIA WR90, Connectors CPR90G ea	Replacement for part F090PC0360CS	\$202.34	\$404.68
10.00	170	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Heliax Elliptical waveguide, Standard Type EW52, 10.2-11.7 GHz		\$290.90	\$581.80
11.00	140	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Heliax Elliptical waveguide, Standard Type EW52, 10.2-11.7 GHz		\$13.38	\$2,274.60
						\$13.38	\$1,873.20
<b>EQUIPMENT SUBTOTAL</b>							<b>\$14,381.49</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>MAL-GAR TOTAL</b>							<b>\$14,381.49</b>



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				<b>GAR-MAL</b>			
1.00	4	190SE	Andrew	Connector, Andrew P/N (190DE) Non-Tunable, Flange type CPR90G for standard EW90-107, 10.7-11.7 GHz		\$0.00	\$0.00
2.00	1	HP6-107-PIAH	Andrew	Dish 6Ft, Andrew (HP6-107) High performance antenna for 10.5-11.7 GHz, Cat A, single Pol, CPR90G, G	Replacement for part 190DE	\$0.00	\$0.00
3.00	1	VHLP6-11-6GR	Andrew	Dish 6Ft, Andrew Valuline (VHLP6-11) High performance antenna for 10.7-11.7 GHz, Cat A, single Pol, CP	Replacement for part HP6-107-P1A	\$191.78	\$767.12
4.00	8	241088-2	Andrew	Grounding Kit, Andrew (204989-2), 24" cablewidth 1-hole factory attached lug for 7/8" coaxial and EW85, EV		\$2,767.50	\$4,737.96
5.00	10	EW5H-90	Andrew	Hangers, Andrew (EW5H-90) Snap-in hangar kit of 10, for EW90 Helix waveguide (or equal)	Replacement for part 204989-2	\$17.80	\$142.40
6.00	2	29858	Andrew	Hoisting Grip, Andrew (29858) Standard, for EW85, EW90, EW127A, and EW132 elliptical waveguides (or		\$63.65	\$636.50
7.00	2	55001-90	Andrew	Pressure Window, Andrew (55001-90) for use with flange type CPR90G (or equal)		\$19.36	\$38.72
8.00	2	520570-1	Andrew	Stat Kit, Andrew (520570-1) Adjustable inboard optical side shut for 4' and 6' microwave antennas (or equi		\$46.68	\$93.36
9.00	2	F090CCS3	Andrew	Twist-Flex, 35", Andrew (F090PC0360CS) WR90 0.7-11.7 GHz, size EIA WR90, Connectors CPR90G ea		\$202.34	\$404.68
10.00	165	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Helix Elliptical waveguide, Standard Type EW52, 10.2-11.7 GHz	Replacement for part F090PC0360CS	\$290.90	\$581.80
11.00	135	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Helix Elliptical waveguide, Standard Type EW52, 10.2-11.7 GHz		\$13.38	\$2,207.70
						\$13.38	\$1,806.30
<b>EQUIPMENT SUBTOTAL</b>							<b>\$14,184.04</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>GAR-MAL TOTAL</b>							<b>\$14,184.04</b>



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				COL BAR			
1.00	4	252SE	Andrew	Connector, Andrew P/N (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00
2.00	2	PAR6-59-PXA	Andrew	Grounding Kit, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/	Replacement for part 252DE	\$0.00	\$0.00
3.00	8	241088-4	Andrew	Dish 6F, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$278.96	\$1,115.84
4.00	15	EWSH-52	Andrew	Hangers, Andrew (EWSH-52) Snap-in Hangar kit of 10, EW52 Heliax Waveguide (or equal)		\$2,103.30	\$4,206.60
5.00	3	24312A	Andrew	Hoisting Grip, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$18.94	\$151.52
6.00	2	F137CCB3	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea		\$74.72	\$1,120.80
7.00	246	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz	Replacement for part F137PC0360CB	\$382.22	\$764.44
8.00	2	R6E	Andrew	Randome, 6ft, Standard Molded, Andrew P/NR6E (or equal)		\$16.54	\$4,068.84
9.00	216	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$618.57	\$1,237.14
						\$16.54	\$3,572.64



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
				COL BAR			
				EQUIPMENT SUBTOTAL			\$16,313.18
				INSTALLATION MATERIALS SUBTOTAL			\$0.00
				SERVICES SUBTOTAL			\$0.00
				COL BAR TOTAL			\$16,313.18



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost
<b>Col-GAR</b>							
1.00	4	190SE	Andrew	Connector, Andrew P/N (190DE) Non-Turnable, Flange type CPR90G for standard EW90-107, 10.7-11.7 GHz	Replacement for part 190DE	\$0.00	\$0.00
2.00	1	AE01A-D1306-003	Andrew	Dehydrator Wall shelf Andrew P/N (AE01A-D1306-003) for MT-050 Dehydrator or equal		\$0.00	\$0.00
3.00	1	MT050-81015	Andrew	Dehydrator, Andrew P/N (MT050-81015) 115 Vac 60 Hz, LP Alarm, Pressure Factory set at 5 PSI, single	Replacement for part MT050-81015	\$132.84	\$767.12
4.00	1	VHLP4-11-6GR	Andrew	Dish 4F1, Andrew Valuline (VHLP4-11-6GR) High performance antenna for 10.7-11.7 GHz, Cat A, with snap		\$2,350.53	\$2,350.53
5.00	1	HP8-107-P1A	Andrew	Dish 8F1, Andrew (HP8-107) high performance antenna for 10.7-11.7 GHz, Cat A, single pol, CPR90G, Gray		\$1,568.25	\$1,568.25
6.00	8	241088-2	Andrew	Grounding Kit, Andrew (204989-2), 24" cable with 1-hole factory attached lug for 7/8" coaxial and EW85, EV	Replacement for part 204989-2	\$17.80	\$142.40
7.00	13	EW90-90	Andrew	Hangers, Andrew (EW90-90) Snap-in hangar kit of 10, for EW90 Heliax waveguide (or equal)		\$63.65	\$827.45
8.00	2	LM400-H	Andrew	Line Monitor, Andrew, Eight lines 3-8 Psi includes Two installation kits AE01K-C0331 (or Equal)	Replacement for part MH-88-001 - 2 of the LM400-H make up 1 of the MH-88-001	\$468.63	\$937.26
9.00	1	6600D-6	Andrew	Manifold, Andrew P/N 6600D-6, Six outlet gas manifold with gauge and shutoff valve includes 3/8 tube inst.		\$267.16	\$267.16
10.00	2	55001-90	Andrew	Pressure Window, Andrew (55001-90) for use with flange type CPR90G (or equal)		\$46.68	\$93.36
11.00	1	520570-3	Andrew	Strut Kit, Andrew (520570-3) Outboard Strut kit for 8-12 microwave antennas, includes U-joint & hardware		\$225.46	\$225.46
12.00	2	F090CCS3	Andrew	Twist-Flex, 35", Andrew (F090PC0360CS) WR90 0.7-11.7 GHz, size EIA WR90, Connectors CPR90G ea	Replacement for part F090PC0360CS	\$290.90	\$581.80
13.00	205	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Heliax Elliptical waveguide, Standard Type EW52, 10.2-11.7 GHz		\$13.38	\$2,742.90
14.00	175	EW90	Andrew	Waveguide, Main Path, Andrew (EW90) Heliax Elliptical waveguide, Standard Type EW52, 10.2-11.7 GHz		\$13.38	\$2,341.50
<b>EQUIPMENT SUBTOTAL</b>							<b>\$18,861.74</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>							<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>							<b>\$0.00</b>
<b>COL-GAR TOTAL</b>							<b>\$18,861.74</b>



MASTER EQUIPMENT LIST

4/14/2009 4:28 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				HGR_SAN				
1.00	2	252SE	Andrew	Connector, Andrew PIN (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00	
2.00	1	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A single Pol. CPR137G, Gray w/	Replacement for part 252DE	\$278.96	\$557.92	
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$2,103.30	\$2,103.30	
4.00	5	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-in Hanger kit of 10, EW52 Heliax Waveguide (or equal)		\$18.94	\$75.76	
5.00	1	24312A	Andrew	Hoisting Cap, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$74.72	\$373.60	
6.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR90G (or equal)		\$25.12	\$25.12	
7.00	1	F137C0B3	Andrew	Twist-Flex, 36", Andrew (F137C0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea	Replacement for part F137PC0360CB	\$382.22	\$382.22	
8.00	140	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$2,315.60	
9.00	1	R6E	Andrew	Randome, 6ft, Standard Molded, Andrew P1NR6E (or equal)		\$618.57	\$618.57	
EQUIPMENT SUBTOTAL							\$6,498.77	
INSTALLATION MATERIALS SUBTOTAL							\$0.00	
SERVICES SUBTOTAL							\$0.00	
HGR_SAN TOTAL							\$6,498.77	





MASTER EQUIPMENT LIST

4/14/2009 4:39 PM

Item Number	Quan	Model No.	Manufacturer	Description	Notes	Client Unit Cost	Client Extended Cost	
				SAN-HGR				
1.00	2	252SE	Andrew	Connector, Andrew PIN (252DE) Non-tunable, Flange type CPR137G For EW52 Waveguide or equal		\$0.00	\$0.00	
2.00	1	PAR6-59-PXA	Andrew	Dish 6ft, Andrew (PAR6-59) standard antenna for 5.925-6.425 GHz, Cat A, single Pol, CPR137G, Gray w/	Replacement for part 252DE	\$278.96	\$557.92	
3.00	4	241088-4	Andrew	Grounding Kit, Andrew (241088-4), 24" lead, with 2-hole factory attached lug for 1-5/8" coaxial cable, EW52		\$18.94	\$75.76	
4.00	5	EW5H-52	Andrew	Hangers, Andrew (EW5H-52) Snap-In Hanger kit of 10, EW52 Heliax Waveguide (or equal)		\$74.72	\$373.60	
5.00	1	24312A	Andrew	Hoisting Gtp, Andrew (24312-A) Standard, for 1-5/8" cable and EW52, and EW63 Elliptical waveguides (or		\$25.12	\$25.12	
6.00	1	55001-137	Andrew	Pressure Window, Andrew (55001-137) 5.925-7.125 GHz for use with flange type CPR80G (or equal)		\$46.68	\$46.68	
7.00	1	F137CC83	Andrew	Twist-Flex, 36", Andrew (F137PC0360CB) 5.85-8.200 GHz, size EIA WR137, Flange Type CPR137G ea e	Replacement for part F137PC0360CB	\$382.22	\$382.22	
8.00	155	EW52	Andrew	Waveguide, Main Path, Andrew (EW52) Heliax Elliptical waveguide, Standard Type EW52, 5.60-6.425 GHz		\$16.54	\$2,563.70	
9.00	1	R6E	Andrew	Randomo, 8ft, Standard Molded, Andrew P1NR6E (or equal)		\$618.57	\$618.57	
<b>EQUIPMENT SUBTOTAL</b>								<b>\$6,746.87</b>
<b>INSTALLATION MATERIALS SUBTOTAL</b>								<b>\$0.00</b>
<b>SERVICES SUBTOTAL</b>								<b>\$0.00</b>
<b>SAN-HGR TOTAL</b>								<b>\$6,746.87</b>