

**PARTICIPATING ADDENDUM
WESTERN STATES CONTRACTING ALLIANCE
RADIO EQUIPMENT – PUBLIC SAFETY COMMUNICATIONS
Contract # 02702**

1. Scope: All eligible purchasers within the State of Arkansas including local public procurement units are authorized to purchase products and services under the terms and conditions of this price agreement.

2. Changes: Changes to the terms and conditions of the contract are as follows:

In addition to any reporting required in the WSCA contract, vendor agrees to provide a quarterly report to the Arkansas Primary Contact within 30 days following the quarter being reported. Reports will include the following data:

A) Product Report – The quarterly report will include the Sold to Name (State of Arkansas Agency), Bill to Name, Order Number, Invoice Number, Product Purchased, Unit Price and Extended Price.

A Procuring Agency shall determine whether all Products delivered to it meet the Contractor's published specifications. No payment shall be made for any Products or Services until the Products or Services have been accepted by the Procuring Agency. Unless otherwise agreed upon between the Procuring Agency and the Contractor, within thirty (30) days from the date of the invoice, the Procuring Agency shall accept or reject the products or services.

Payments shall be submitted to the contractor at the address shown on the invoice. Payments shall be tendered to the contractor within thirty (30) days of the date of invoice. After the sixtieth (60) day from the date of the invoice unless mutually agreed to, interest shall be paid on the unpaid balance due to the contractor at the rate of one half of one percent per month in accordance with Arkansas Code Annotated §19-11-224. The Procuring Agency shall make a good-faith effort to pay within thirty (30) days after date of invoice.

Records relevant to Purchasing Entity transactions shall be subject to examinations by appropriate government authorities for a period of five (5) years from the date of acceptance of the purchase order.

3. Primary Contact: The primary government contact individual for this participating addendum is as follows:

Jenny Foshee
Office of State Procurement
1509 West 7th Street, Room 300
Little Rock, AR 72201-4222
Telephone: (501) 324-9321
Fax: (501) 324-9311
E-mail: jenny.foshee@dfa.state.ar.us

The primary contractor contact for this participating addendum is as follows:

Richard Bogue
Radio Frequency Systems, Inc.
200 Pondview Drive
Meriden, CT 06450
Telephone: (203) 630-3311, Ext. 1223
Fax: (203) 634-2272
E-mail: richard.bogue@rfsworld.com

4. Subcontractors: None

This Addendum and the Price Agreement together with its exhibits, set forth the entire agreement between the parties with respect to the subject matter of all previous communications, representations or agreements, whether oral or written, with respect to the subject matter hereof. Terms and conditions inconsistent with, contrary or in addition to the terms and conditions of this Addendum and the Price Agreement, together with its exhibits, shall not be added to or incorporated into this Addendum or the Price Agreement and its exhibits, by any subsequent purchase order or otherwise, and any such attempts to add or incorporate such terms and conditions are hereby rejected. The terms and conditions of this Addendum and the Price Agreement and its exhibits shall prevail and govern in the case of any such inconsistent or additional terms.

IN WITNESS WHEREOF, the parties have executed this Addendum as of the date of execution by both parties below.

Government Entity: State of Arkansas
By: Robin Rogers
Name: Robin Rogers
Title: Interim Director
Date: 3/20/08

Contractor: Radio Frequency Systems, Inc.
By: R. Bogue
Name: Richard Bogue
Title: MANAGER, CONTRACT ADMIN
Date: 20 MARCH 2008

Lead State: State of Washington

Christine Warnock
Christine Warnock, Purchasing Agent

Date: 3/28/08

**Radio Frequency System
CONTRACTOR INFORMATION**

Category 7 Microwave Antennas, Waveguide & Associated Hardware

Contractor:	Radio Frequency System	
Contact:	Richard Bogue	Alternate Contact: Dick Schmidt
Phone:	203-630-3311 x1223	630-218-2720 Ext: 1151
Fax:	203-821-3852	630-218-2728
Email:	Richard.bogue@rfsworld.com	richard.schmidt@rfsworld.com
Internet address:	http://www.rfsworld.com/	
Web catalog address:		
Federal ID No.:	13-3379797	
Supplier No.:	10355	
Total Contract worth:	\$500,000,00.00	
Payment address:	First Union National Bank PO Box 601000 M/F: Radio Frequency Systems Charlotte, NC 28260-1000	Order placement address: Radio Frequency Systems, Inc. One Tower Lane, Suite 1925 Oakbrook Terrace, IL 60181
Customer Service/Order Placement:	Tracey Fetzer, Twyla Lewis or Nanette Cummins	
Customer Service:	Tracey Fetzer, Twyla Lewis or Nanette Cummins	
Telephone:	630-218-2720; Tracey Fetzer (ext. 1164), Twyla Lewis (ext. 1162), Nanette Cummins (ext. 1149)	
Fax:	630-218-2728	
Ordering procedures:	Contact Customer Service/Order Placement/	
Credit card acceptance:	Visa, Master Card, American Express	
Minimum orders:	None	
Delivery time:	30 days After Receipt of Order (ARO)	
Payment terms:	0% 30 days	
Shipping destination:	Freight on Board (FOB) destination	
Freight:	Prepaid and included	
Palletization:	N/A	
Category	7	
Equipment Line items	See Price Sheets and note surcharge below. If comparing contract pricing please note if contractor includes surcharges that apply throughout the industry.	
Link to bid Specifications	http://www.ga.wa.gov/pca/bids/02702-Phase2-Category7.doc	
Link to Price Sheets		
Awarded Phase(s)	Phase I & II	
Additional Distributors	HUTTON COMMUNICATIONS TESSCO	

REPAIR FACILITIES

In the event that an item should need repair, the Sales Administrator will provide the customer with a Return Material Authorization (RMA) number. The sales administrator then records all pertinent information into RFS' database and advises the customer of the correct location to which the material must be shipped. Note that the RMA number must be clearly marked on the outside of the shipping container.

When the material arrives at the designated location, the receiving department updates the system showing the return as "Received". The material is then forwarded for evaluation. After the evaluation is complete, the database is again updated. Computer generated reports are issued on a daily basis to advise sales of the status of all returns.

Once sales has received the evaluation, a course of action takes place based on the reason for the return and the quality assurance evaluation. The customer is then notified and the item is either repaired or replaced. All repairs are made by RFS employees at RFS facilities.

All returns should be sent to the following locations:

Antennas and Dehydrators

Radio Frequency Systems, Inc
175 Corporate Court
Meriden, CT 06450

Cable, Connectors, Jumpers & Accessories

Radio Frequency System, Inc.
29 Research Parkway
Wallingford, CT 06492

CONTACTS AND PHONE NUMBERS (Revised)

STATE	CONTACT NAME	PHONE NUMBER
Alaska	Tracey Fetzer	630-218-2720 ext 1164
Arizona	Twyla Lewis	630-218-2720 ext 1162
Northern California	Nanette Cummins	630-218-2720 ext 1149
Southern California	Nanette Cummins	630-218-2720 ext 1149
Colorado	Twyla Lewis	630-218-2720 ext 1162
Georgia	Rick Barbieri	203-630-3311 ext 1096
Hawaii	Tracey Fetzer	630-218-2720 ext 1164
Idaho	Tracey Fetzer	630-218-2720 ext 1164
Minnesota	Tracey Fetzer	630-218-2720 ext 1164
Montana	Tracey Fetzer	630-218-2720 ext 1164
Northern Nevada	Nanette Cummins	630-218-2720 ext 1149
Southern Nevada	Nanette Cummins	630-218-2720 ext 1149
New Mexico	Twyla Lewis	630-218-2720 ext 1162
Oklahoma	Nanette Cummins	630-218-2720 ext 1149
Oregon	Tracey Fetzer	630-218-2720 ext 1164
South Dakota	Tracey Fetzer	630-218-2720 ext 1164
Utah	Twyla Lewis	630-218-2720 ext 1162
Washington	Tracey Fetzer	630-218-2720 ext 1164

Radio Frequency System

Wyoming	Twyla Lewis	630-218-2720 ext 1162
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Raw Material Surcharge Price List USD/ft

Model Number	Surcharge [\$/ft]	Model Number	Surcharge [\$/ft]
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CELLFLEX

SCF14-50	0.06
SCF38-50	0.15
SCF12-50	0.16
SCF78-50	0.47
UCF78-50	0.31
UCF114-50	0.63
LCF14-50	0.06
LCF38-50	0.10
LCF12-50	0.13
LCF58-50	0.30
LCF78-50	0.35
LCFS114-50	0.67
LCF158-50	0.70
LCF214-50	1.10

RADIAFLEX**Cable Type:** ALF, RLF, RLK, RLV, RAY**Nominal Size**

12	0.06
58	0.23
78	0.26
114	0.41
158	0.41

Cable Type: RSF, RCF**Model Number**

RSF12-50	0.16
RCF12-50	0.13
RCF78-50	0.34
RCF114-50	0.67
RCF158-50	0.70

FLEXWELL

E20	3.99
E30	2.62
E38/EP38	1.62
E46/EP46/ESP46	1.22
EP58	0.86
E60/60	0.85
E65/EP65	0.80
EP70	0.74
E78/EP78	0.71
EP100	0.55
E105/EP105	0.53
E130/EP130	0.39
E150/EP150	0.34
E185/EP185	0.27
E220	0.23
E250	0.15
E300	0.13
E380	0.10
EO11	0.94
EO15	0.75
EO19	0.53
EO22	0.32
EO38	0.13

HELIFLEX

HCA38-50	0.33
HCA12-50	0.15
HCA58-50	0.74
HCA78-50	0.75
HCA118-50	1.03
HCA158-50	1.30
HCA214-50	1.58
HCA295-50	2.54
HCA300-50	1.97
HCA318-50	3.43
HCA418-50	4.40
HCA500-50	7.53
HCA618-50J	9.75
HCA800-50J	17.04

Jumper

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Example: Jumper SCF12-50 7M7MS12-060P 6ft x 0.16\$/ft = 0.96\$

The above surcharges are based on LME values on copper between 5500 and 7000 USD per mt.

Raw Material Surcharges for Jumpers are equivalent to Cable Surcharges.

HUTTON COMMUNICATIONS			
Main Contact (inside): Lisa Hensley 866-270-8808 henslyl@huttoncom.com		Secondary Contact: Tammy Coones 877-648-8866 coonest@huttoncom.com	
Payment address: Hutton Communications P.O. Box 201439 Dallas, TX 75320		Order placement address: Hutton Communications 2520 Marsh Lane Carrollton, TX 75006 Order placement fax: 877-762-8274	
		Customer Service MGR: Spencer Peart 972-417-0266 peartp@huttoncom.com	
		Internet address: http://www.huttononline.com	
TESSCO			
Main Contact:	Glenn Frame	Secondary Contact:	John Hunt
Address:	11126 McCormick Road Hunt Valley, MD 21031	Address:	4775 Aircenter Cr. Reno, NV 89502
Phone Numbers:	410-229-1344	Phone Numbers: Fax:	1 -888 821 0591 1 775-689 5557
Email:	frame@tessco.com	Email:	huntj@tessco.com

Radio Frequency System**General**

This specification covers the latest state of the art Microwave Antennas and Associated Equipment of use in specified frequency bands to meet the needs of the State of Washington, its departments and agencies, universities, colleges, community colleges and schools and all political subdivisions.

Classification

All antennas, transmission line connectors and associated hardware selected as suitable for purchase will be given classification within the frequency band groups as follows:

Frequency Band

0932	-	0960	MHz
2110	-	2200	MHz
2290	-	2500	MHz
5725	-	5850	MHz
5925	-	6875	MHz
10.7	-	11.7	GHz
17.7	-	19.7	GHz
21.8	-	23.6	GHz

Standards

1. Part 101, Federal Communications Commission (FCC) Rules and Regulations and amendments; E. I. A. Standards and amendments, RS222.(Latest Version)
2. These specifications are exclusive of any and all equipment with proprietary items, components or devices inclusive therein. All technical tolerances, ratings, or any technically specified criteria contained within this specification are within the current state-of-the-art and are currently being met by commercially available equipment.
3. All material and workmanship will be of the type and grade most suitable for the application. All material will be free from defects, of current design, of recent manufacture and unused.
4. The State of Washington reserves the right to reject any bid proposing equipment that has proven in actual use and properly documented to be unreliable or unsuitable for the work to be accomplished and /or has shown that the operating or maintenance costs of which have been excessive in comparison with other makes of similar equipment working under like conditions.
5. All material and equipment furnished will be subject to approval by the State of Washington, Department of General Administration, Office of State Procurement, including engineers selected to review the products with regard to design, operation, performance and requirements of this specification. The acceptance of equipment or parts thereof will in no way relieve the contractor of responsibility for furnishing equipment that meets this specification in all detail.
6. Should any of the inspections, tests, or operation of the equipment under service conditions show the equipment does not meet the requirements of the specifications, the State will reject the equipment or parts thereof and require the contractor to make changes as necessary to meet the requirements of the specifications at the expense of the contractor.
7. The contractor(s) will hold and save the State, its officers, agents, servants, and employees harmless from liability of any nature of kind, including costs and expense, for or on account of any patented or unpatented invention, articles, or appliance manufactured or used in the performance of any and all contracts encompassing these specifications.

Radio Frequency System

8. Unless specifically excepted by the terms of these specifications, any part or accessories ordinarily furnished or required to make the equipment, herein specified, a complete operating unit will be furnished by the contractor whether identified in these specifications or not.
9. All units will be delivered to the purchaser with any and all equipment modifications intact and installed.

Technical Manuals

1. The contractor will make available equipment documentation to purchasers in any quantity specified by the purchaser over and above the quantity specified herein. This documentation will accompany the equipment at the time of delivery or may be delivered prior to equipment delivery. Documentation costs for purchaser specified manuals will be included as separate bid items. A copy of radiation patterns will be provided at not cost if requested.

Service, Installation and Operation Manuals

Installation and or operator manuals will be furnished with each order. Each manual will contain:

1. Complete diagrams including information outlining method of operation, supply voltages and currents and power requirements for each model of dehydrators.
2. Detailed drawings or clear photographs showing location of parts and hardware associated with antenna assembly or mounting.

Equipment Service Life

1. All equipment covered by these specifications and any resultant contracts will have a minimum service life of ten (10) years from date of delivery to the purchaser. The contractor will guarantee replacement parts stocking by the vendor and/or authorized distributor for this service life period.

Equipment and Parts Warranty

1. Each contractor will guarantee repair or replacement of any equipment or part thereof that fails in operation during normal and proper use within two (2) years from the date of purchaser's receipt due to defects in design, material or workmanship, consummation of final acceptance and payment notwithstanding. These replacements will be made with celerity and without charge to the purchaser. The cost of installation of these replacements will be borne by the contractor for the period of the warranty.
2. Any equipment or part replaced under the provisions of this warranty becomes the property of the contractor. If the vendor desires the defective equipment or part returned, the contractor will pay all transportation charges and make all arrangements for the return. If the contractor does not specifically request return of such replaced parts within thirty (30) days from the date of replacement, the equipment for parts become property of the purchaser.
3. Replacement parts will be regularly stocked by the contractor and/or authorized distributor. Delay in purchaser's receipt of replacement parts will not exceed ten (10) consecutive days from contractor's or distributor's receipt of order.
4. The contractor will guarantee delivery of emergency orders within forty-eight (48) hours from receipt of order. Emergency orders will be transported by the most expedient manner available with the transportation cost born by the purchaser less normal shipping cost.
5. The contractor will supply the purchaser, free of charge for the service life of the equipment, with all data, drawings, and specifications of modifications, plans or experiments by which the equipment may be improved or modernized.

Radio Frequency System**General Equipment characteristics**

The following characteristics apply to all equipment unless otherwise specified.

Environmental

1. All antennas will survive wind velocities of 125 miles per hour with one (1) inch of radial ice and no more than 0.1 degree of deflection in 70 mile per hour wind.
2. All antennas will remain operational within the temperature range of -58°F to 155°F.
3. All antennas and associated hardware will be non-corrosive, non-rust material. This can be accomplished by supplying Hot Dipped Galvanized or Stainless Steel hardware. Plated steel will not be accepted. Aluminum antennas will be painted with corrosion resistant paint.
4. Field assembly of all antennas shall only be between antenna parabola, feed, antenna mount and fixed and/or slide assemblies. There shall be no field assembly parabola for that is too time consuming. Antenna mount assembly is permitted.
5. Parabolic solid antennas shall be equipped to include mounting hardware for a 4.5" vertical O.D. mounting pipe. Parabolic grid antennas shall be equipped to include mounting hardware for either a 1.9" – 3.5" or a 4.5" vertical O.D.(Outside Diameter) mounting pipe.
6. For parabolic solid antenna shall have a reflector surface tolerance designed to 15GHz so that antenna feeds could be interchanged between 2GHz and 10 GHz without loss to antenna gain. The same like between antenna feeds in the 18GHz and 23GHz bands.

Operational Characteristics

Material and workmanship will be of the type and grade most suitable for the application and will conform as a minimum unless otherwise specified to the latest applicable standards, specifications, recommended practices and procedures of such standardizing bodies as the I.E.E.E., E.I.A., N.E.M.A., F.C.C.

Radio Frequency System – Phase II

CATEGORY 7 PRICE SHEETS

Contractor	Category 7 Waveguides and Antennas
Radio Frequency Systems	http://www.ga.wa.gov/pca/bids/02702-Phase2-Category7.doc

ANTENNAS

The specifications listed herein are minimum requirements; a range variance of up to a maximum of .9DB has been identified as acceptable.

A. Welded Grid Antenna. 928-960 MHz. Type “N” Female input connector.

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam width in °s	Cross Pol Disc. DB	F/B Ratio DB	VSRW	RFS P/N	PRICE EACH
4.0	18.3	18.6	19.1	B	17.4	25	21	1.4	MGA4-082N	\$632.50
6.0	21.2	21.3	21.6	A	12.6	25	30	1.4	MGA6-082N	\$1,144.00
8.0	23.7	24.4	25.0	A	9.0	26	24	1.35	GKL8-082N	\$1,628.00
10.0	25.6	26.3	27.0	A	7.2	26	27	1.35	GKL10-082N	\$1,974.50
12.0	27.4	28.2	28.8	A	5.9	26	30	1.3	GKA12-082M	\$3,184.50

B. Solid Parabolic Reflector Standard Antenna, 928-960 MHz, 7/8” EIA Flange or Type “N” Female Input Connector

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH.
4.0	18.1	18.4	18.8	B	19.5	10	22	1.3	PAF4-890AE	\$777.60
6.0	21.6	22.1	22.3	A	13.0	15	25	1.3	PAF6-890AE	\$931.20
8.0	24.1	24.5	24.8	A	9.7	15	27	1.3	PAF8-890AE	\$1,382.40
10.0	26.1	26.4	26.7	A	7.7	15	29	1.3	PAF10-890AE	\$2,112.00
12.0	27.6	28.0	28.3	A	6.4	15	30	1.3	PAF12-890AE	\$3,686.40

C. Welded Grid Antenna 2.1-2.2 GHz, 7/8” EIA Flange or Type “N” Female Input Connector. “AIR DIELECTRIC FEED”

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	25.6	26.8	27.2	B	8.0	29	34	1.3	MGA4-19N	\$632.50
6.0	28.5	29.3	30.1	A	5.4	32	35	1.2	MGA6-19N	\$1,144.00
8.0	31.0	31.8	32.6	A	4.1	35	41	1.2	GKL8-19N	\$1,628.00
10.0	32.9	33.8	34.6	A	3.2	35	45	1.2	GKL10-19N	\$1,974.50
12.0	34.7	35.6	36.4	A	2.6	40	47	1.2	GKA12-19N	\$3,184.50
15.0	36.6	37.5	38.3	A	2.1	40	49	1.2	GPW15-19N	\$12,223.75

Radio Frequency System – Phase II**D. Welded Grid Antenna 2.1-2.2 GHz, 7/8" EIA Flange or Type "N" Female Input Connector. "FOAM FEED"****NOTE: NON PRESSURIZED FEEDS ARE NOT AVAILABLE SEE ABOVE**

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	26.5	26.7	26.9	B	7.9	29	32	1.3	N/A	\$
6.0	30.3	30.5	30.7	A	5.3	32	35	1.2	N/A	\$
8.0	32.0	32.2	32.4	A	4.0	35	39	1.2	N/A	\$
10.0	33.8	34.0	34.2	A	3.2	35	41	1.2	N/A	\$
12.0	35.3	35.5	35.7	A	2.6	40	44	1.2	N/A	\$
15.0	37.3	37.5	37.7	A	2.1	40	46	1.2	N/A	\$

E. Solid Parabolic Standard Antenna 2.1-2.2 GHz, 7/8" EIA Type "N" Female Input Connector.

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	24.8	25.7	26.6	B	8.1	27	33	1.2	PAL4-19AN	\$844.80
6.0	28.7	29.6	30.5	B	5.5	30	37	1.15	PAL6-19AN	\$1,017.60
8.0	31.2	32.1	33.0	A	4.1	30	40	1.1	PAL8-19AN	\$1,449.60
10.0	33.1	34.0	34.9	A	3.3	30	43	1.1	PAL10-19AN	\$2,198.40
12.0	34.7	35.6	36.5	A	2.8	30	45	1.1	PAL12-19AN	\$3,979.20
15.0	36.4	37.3	38.3	A	2.2	30	49	1.0	PAL15-19AN	\$10,512.00

F. Solid Parabolic Standard Antenna 6.425-7.125 GHz, CPR 137G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	35.9	36.4	36.8	-	2.5	30	43	1.08	PAL4-65AC	\$844.80
6.0	39.4	39.9	40.3	B	1.7	30	47	1.06	PAL6-65AC	\$1,017.60
8.0	41.6	42.1	42.5	A	1.3	30	59	1.06	PAD8-65AC	\$1,608.00
	42.0	42.4	42.9	B	1.2	30	49	1.06	PAL8-65AC	\$1,449.60
10.0	43.5	43.9	44.3	A	1.0	30	52	1.06	PAD10-65AC	\$2,304.00
	43.7	44.1	44.6	B	1.1	30	63	1.06	PAL10-65AC	\$2,198.00
12.0	45.3	45.8	46.2	A	0.8	30	70	1.06	DA12-65AC	\$6,020.00

Radio Frequency System – Phase II**G. Solid Parabolic Dual Polarized Standard Antenna 6.425-7.125 GHz, CPR 137G Input Flange**

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
6.0	39.2	39.7	40.1	B	1.7	30	47	1.06	PAX6-65AC	\$1,670.40
8.0	41.4	41.9	42.3	A	1.2	30	59	1.06	PADX8-65AC	\$2,145.60
10.0	43.5	43.9	44.4	A	1.0	30	52	1.06	PADX10-65AC	\$2,832.00
12.0	45.1	45.6	46.0	A	0.8	30	71	1.06	DAX12-65AC	\$6,468.00

H. Single Polarized Antenna, 6.425-7.125 GHz, CPR 137G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	35.6	36.0	36.5	-	2.5	30	58	1.08	DA4-65AC	\$1,536.00
6.0	39.4	39.8	40.2	B	1.7	30	64	1.06	DA6-64AC	\$2,820.00
8.0	41.9	42.3	42.8	A	1.3	30	66	1.06	DA8-65AC	\$3,498.00
10.0	43.7	44.1	44.6	A	1.0	30	69	1.06	DA10-65AC	\$4,444.00
12.0	45.3	45.8	46.2	A	0.8	30	70	1.06	DA12-65AC	\$6,020.00

I. Dual Polarized Antenna, 6.425-7.125 GHz, CPR 137G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	34.8	35.3	35.7	-	2.5	30	58	1.10	DAX4-65AC	\$1,794.00
6.0	39.1	39.5	39.9	A	1.7	30	64	1.07	DAX6-65AC	\$2,990.00
	39.2	39.7	40.1	B	1.7	30	47	1.06	PAX6-65 AC	\$1,670.40
8.0	41.6	42.0	42.4	A	1.3	34	68	1.06	DAX8-65AC	\$3,684.00
	41.8	42.2	42.7	B	1.3	30	52	1.06	PAX8-65 AC	\$1,987.20
10.0	43.6	44.0	44.4	A	1.0	34	70	1.06	DAX10-65AC	\$4,804.00
	43.5	43.9	44.4	B	1.0	30	58	1.06	PAX10-65AC	\$2,515.20
12.0	45.1	45.6	46.0	A	0.8	30	71	1.06	DAX12-65AC	\$6,468.00

J. Single Polarized Parabolic Antenna, 10.7-11.7 GHz, CPR 90G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	40.1	40.5	40.9	B	1.6	30	62	1.08	DA4-107AC	\$1,536.00
6.0	43.5	43.9	44.3	B	1.0	30	60	1.06	PAD6-107AC	\$1,080.00
8.0	46.0	46.4	46.8	A	0.7	30	62	1.06	PAD8-107AC	\$1,608.00
10.0	47.9	48.3	48.5	A	0.7	30	64	1.06	PAD10-107AC	\$2,304.00
12.0	49.4	49.8	50.0	A	0.5	30	71	1.06	DA12-107AC	\$6,020.00

Radio Frequency System – Phase II**K. Dual Polarized Parabolic Antenna, 10.7-11.7 GHz, CPR 90G Input Flange**

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	40.0	40.4	40.8	A	1.5	30	64	1.10	DAX4-107AC	\$1,794.00
6.0	43.4	43.8	44.2	A	1.0	30	60	1.08	PADX6-107AC	\$1,728.00
8.0	45.9	46.3	46.7	A	0.8	30	62	1.08	PADX8-107AC	\$2,145.60
10.0	47.8	48.2	48.4	A	0.7	30	64	1.08	PADX10-107AC	\$2,832.00
12.0	49.2	49.6	49.9	A	0.5	30	72	1.06	DAX12-107AC	\$6,468.00

L. Single Polarized Parabolic Antenna, 10.7-11.7 GHz, CPR 90G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	40.1	40.5	40.9	A	1.6	30	62	1.08	DA4-107AC	\$1,536.00
6.0	43.7	44.0	44.5	A	1.0	30	70	1.06	DA6-107AC	\$2,820.00
8.0	46.1	46.4	46.9	A	0.8	30	71	1.06	DA8-107AC	\$3,498.00
10.0	48.0	48.4	48.6	A	0.7	30	71	1.06	DA10-107AC	\$4,444.00
12.0	49.4	49.8	50.0	A	0.5	30	72	1.06	DA12-107AC	\$6,020.00

M. Dual Polarized Parabolic Antenna, 10.7-11.7 GHz, CPR 90G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	40.0	40.4	40.8	A	1.5	30	64	1.10	DAX4-107AC	\$1,794.00
6.0	43.5	43.8	44.3	A	1.0	30	68	1.08	DAX6-107AC	\$2,990.00
8.0	45.9	46.2	46.7	A	0.8	30	69	1.06	DAX8-107AC	\$3,684.00
10.0	47.8	48.2	48.4	A	0.7	30	70	1.06	DAX10-107AC	\$4,804.00
12.0	49.2	49.6	49.9	A	0.5	30	72	1.06	DAX12-107AC	\$6,468.00

N. Single Polarized Parabolic Antenna, 17.7-19.7 GHz, UG-595/U Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
2.0	38.1	38.6	39.1	A	1.9	32	62	1.20	SU2-190AZ	\$360.00
4.0	44.1	44.6	45.1	A	0.9	32	67	1.20	SU4-190AZ	\$896.00
	44.3	44.8	45.3		0.9	32	53	1.20	SP4-190AZ	\$739.00
6.0	47.5	48.0	48.5	A	0.7	32	71	1.20	SU6-190AZ	\$1,596.00
	47.7	48.2	48.7		.07	32	57	1.20	SP6-190AZ	\$852.00

Radio Frequency System – Phase II**O. Single Polarized Parabolic Antenna, 21.2-23.6 GHz, UG-595/U Input Flange**

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
2.0	39.6	40.1	40.6	A	1.6	32	66	1.20	SU2-220AZ	\$360.00
4.0	45.6	46.1	46.6	A	0.8	32	72	1.20	SU4-220AZ	\$896.00
	45.8	46.3	46.8		0.8	32	58	1.20	SP4-220AZ	\$739.20
6.0	49.0	49.5	50.0	A	0.5	32	75	1.15	SU6-220AZ	\$1,596.00
									SP6-220AZ	\$852.00

HIGH Performance and Ultra High Performance**A. High Performance, 6.425-7.125 GHz, Single Polarization, CPR 137G Input Flange**

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	35.4	36.0	36.5	-	2.5	30	58	1.08	DA4-65AC	\$1,536.00
6.0	39.4	39.8	40.2	A	1.7	30	64	1.06	DA6-65AC	\$2,820.00
8.0	41.9	42.3	42.8	A	1.3	30	66	1.06	DA8-65AC	\$3,498.00
10.0	43.7	44.1	44.6	A	1.0	30	70	1.06	DA10-65AC	\$4,444.00
12.0	45.3	45.8	46.2	A	0.8	30	71	1.05	DA12-65AC	\$6,020.00
15.0	47	47.5	47.9	A	0.7	30	71	1.06	DA15-65AC	\$9,780.00

B. High Performance, 6.425-7.125 GHz, Dual Polarization, CPR 137G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	34.8	35.3	35.7	-	2.5	30	58	1.08	DAX4-65AC	\$1,794.00
6.0	39.2	39.7	40.1	A	1.7	30	64	1.06	DAX6-65AC	\$2,990.00
8.0	41.8	42.2	42.7	A	1.3	30	68	1.06	DAX8-65AC	\$3,684.00
10.0	43.5	43.9	44.4	A	1.0	30	70	1.06	DAX10-65AC	\$4,804.00
12.0	45.1	45.6	46.0	A	0.8	30	71	1.05	DAX12-65AC	\$6,468.00
15.0	47	47.5	47.9	A	0.7	30	71	1.06	DAX15-65AC	\$10,864.00

Radio Frequency System – Phase II**C. High Performance, 6.425-7.125 GHz, Dual Polarization, Super Cross Polarization CPR 137G Input Flange**

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
6	39.2	39.7	40.1	A	1.7	40	69	1.08	UXA6-65AC	\$3,900.00
8	41.8	42.2	42.7	A	1.3	40	71	1.06	UXA8-65AC	\$4,900.00
10	43.5	43.9	44.4	A	1.0	40	74	1.06	UXA10-65AC	\$5,940.00
12	45.1	45.6	46.0	A	0.8	40	76	1.06	UXA12-65AC	\$8,094.00
15	47.0	47.5	47.9	A	0.7	40	77	1.05	UXA15-65AC	\$12,296.00

D. Ultra High Performance, 6.425-7.125 GHz, Dual Polarization, CPR 137G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
6	39.2	39.7	40.1	A	1.7	30	69	1.08	UDA6-65AC	\$2,408.00
8	41.8	42.2	42.7	A	1.3	30	71	1.06	UDA8-65AC	\$3,900.00
10	43.5	43.9	44.4	A	1.0	30	73	1.06	UDA10-65AC	\$5,940.00
12	45.1	45.6	46.0	A	0.8	30	75	1.06	UDA12-65AC	\$8,094.00
15	47.0	47.5	47.9	A	0.7	30	76	1.05	UDA15-65AC	\$12,296.00

E. High Performance, 10.7-11.7 GHz, Single Polarization, CPR 90G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4	40.1	40.5	40.9	A	1.6	30	61	1.08	DA4-107AC	\$1,536.00
6	43.7	44.0	44.5	A	1.0	30	70	1.06	DA6-107AC	\$2,820.00
8	46.1	46.4	46.9	A	0.8	30	71	1.06	DA8-107AC	\$3,498.00
10	48.0	48.4	48.6	A	0.7	30	70	1.06	DA10-107AC	\$4,440.00
12	49.4	49.8	50.0	A	0.5	30	70	1.05	DA12-107AC	\$6,020.00

F. High Performance, 10.7-11.7 GHz, Dual Polarization, CPR 90G Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4	39.8	40.4	40.8	A	1.5	30	64	1.08	DAX4-107AC	\$1,794.00
6	43.5	43.8	44.3	A	1.0	30	68	1.06	DAX6-107AC	\$2,990.00
8	45.9	46.2	46.7	A	0.8	30	69	1.06	DAX8-107AC	\$3,684.00
10	47.8	48.2	48.4	A	0.7	30	70	1.06	DAX10-107AC	\$4,804.00
12	49.2	49.6	49.9	A	0.5	30	72	1.05	DAX12-107AC	\$6,468.00

Radio Frequency System – Phase II**G. High Performance, 10.7-11.7 GHz, Dual Polarization, Super High Cross Polarization CPR 90G Input Flange**

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	RFS P/N	PRICE EACH
4	40.0	40.4	40.3	A	1.5	40	70	UXA4-107AC	\$2,408.00
6	43.5	43.8	44.3	A	1.1	40	73	UXA6-107AC	\$3,900.00
8	45.9	46.2	46.7	A	0.8	40	75	UXA8-107AC	\$4,900.00
10	47.8	48.2	48.4	A	0.7	40	77	UXA10-107AC	\$5,940.00
12	49.2	49.6	49.9	A	0.5	40	78	UXA12-107AC	\$8,094.00

H. Ultra High Performance, 10.7-11.7 GHz Dual Polarization, CPR90G

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	RFS P/N	PRICE EACH
4	40.0	40.4	40.8	A	1.5	40	70	UXA4-107AC	\$2,408.00
6	43.5	43.8	44.3	A	1.1	40	73	UXA6-107AC	\$3,900.00
8	45.9	46.2	46.7	A	0.8	30	75	UDA8-107AC	\$4,900.00
10	47.8	48.2	48.4	A	0.7	30	77	UDA10-107AC	\$5,940.00
12	49.2	49.6	49.9	A	0.5	30	78	UDA12-107AC	\$8,094.00

I. High Performance, 17.7-19.7 GHz, Singal Polarization, UG595/U Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	RFS P/N	PRICE EACH
8	49.9	50.3	50.8	A	0.45	30	74	DA8-190AZ	\$3,498.00

J. High Performance, 17.7-19.7 GHz, Super, Dual Polarization, UG595/U Input Flange

Diameter in Feet	Gain-DB Bottom	Gain-DB Mid Band	Gain-DB Top	FCC Category	Beam Width °s	Cross Pol Disc. DB	F/B Ratio DB	RFS P/N	PRICE EACH
1	32.7	33.3	33.8	-	3.4	30	55	SBX1-190AZ	\$379.20
2	37.8	38.3	38.7	A	1.9	36	66	UXA2-190BZ	\$1,910.00
4	44.0	44.5	44.9	A	1.0	36	72	UXA4-190BZ	\$2,408.00
6	47.5	48.0	48.4	A	0.7	36	76	UXA6-190AZ	\$3,900.00

Radio Frequency System – Phase II**Radomes PRICING**

Radome Type	Diameter in Feet	Attenuation 2 GHz	Attenuation 6 GHz	Attenuation 11 GHz	Attenuation 18 GHz	RFS P/N	PRICE EACH
Standard	2.0	0.10 dB	0.30dB	.9dB	2.0db	RANDOME 2	\$184.80
Standard	4.0	0.10 dB	0.30dB	1.0dB	2.0db	RANDOME 4	\$285.60
Standard	6.0	0.10 dB	0.40dB	1.0dB	2.1db	RANDOME 6	\$393.60
Standard	8.0	0.10 dB	0.50dB	1.1dB	--	RANDOME 8	\$621.60
Standard	10.0	0.20dB	0.80dB	1.5dB	--	RANDOME 10	\$912.00

Transmission Line PRICING

Transmission line or COAXIAL cable will be available according to the sizes listed below:

SIZE	DESCRIPTION	PRICE per foot
½"	Diameter Foam Dielectric Coaxial Cable	\$.93
7/8"	Diameter Foam Dielectric Coaxial Cable	\$2.13
1-1/4"	Diameter Foam Dielectric Coaxial Cable	\$4.14
7/8"	Diameter Air Dielectric Coaxial Cable	\$3.20
1-5/8"	Diameter Foam Dielectric Coaxial Cable	\$5.28
¼"	Diameter Super Flexible Foam Dielectric Coaxial Cable	\$.61
½"	Diameter Super Flexible Foam Dielectric Coaxial Cable	\$1.36

Elliptical and Rigid waveguide will be supplied according to the sizes and/or frequency band listed below:

TYPE	RANGE		PRICE per foot
Elliptical Waveguide for	5.925 – 7.125 GHz	E65	\$6.01
Rigid Waveguide for	5.925 – 7.125 GHz		SN/A
Elliptical Waveguide for	10.70 – 11.70 GHz	E105	\$5.42
Rigid Waveguide for	10.7 – 11.70 GHz		SN/A
Elliptical Waveguide for	17.70 – 19.70 GHz	E185	\$3.89
Rigid Waveguide for	17.70 – 19.70 GHz		SN/A
Elliptical Waveguide for	21.20 – 23.60 GHz	E220	\$3.50
Rigid Waveguide for	21.20 – 23.60 GHz		SN/A

Radio Frequency System – Phase II

Connectors PRICING
Connectors for Foam

½” Connector	Price Each	7/8” Connector	Price Each	1-¼” Connector	Price Each	1-5/8 Connector	Price Each	¼” Super Flexible Connector	Price Each	½” Super Flexible Connector	Price Each
“N” Male	\$14.46	“N” Male	\$18.94	“N” Male	\$58.98	“N” Male	\$83.34	“N” Male	\$15.75	“N” Male	\$14.67
“N” Female	\$14.46	“N” Female	\$18.94	“N” Female	\$58.98	“N” Female	\$83.34	“N” Female	\$10.82	“N” Female	\$12.78
UHF Male	\$18.20	UHF Male	\$25.90	UHF Male	N/A	UHF Male	N/A	UHF Male	\$20.41	UHF Male	\$14.63
UHF Female	\$18.20	UHF Female	\$25.90	UHF Female	NA/	UHF Female	NA/	DIN Male	\$17.15	DIN Male	\$14.67
7/16 DIN Male	\$14.46	7/16 DIN Male	\$18.94	7/16 DIN Male	\$58.98	7/16 DIN Male	\$83.34	DIN Female	\$20.48	DIN Female	\$14.67
7/16 DIN Female	\$14.46	7/16 DIN Female	\$18.94	7/16 DIN Female	\$58.98	7/16 DIN Female	\$83.34	DIN Male Right Angle	N/A	DIN Male Right Angle	\$20.79
7/8” EIA	\$41.02	7/8” EIA	\$42.42	7/8” EIA	\$84.70	7/8” EIA	\$121.28				

7/8” Connectors for Air Dielectric

TYPE	PRICE EACH
“N” Male 738247	\$43.75
“N” Female 738226	\$41.65
7/8” EIA Flange 738229 (GB) OR 738230 (GB)	\$68.25 (GB) \$ 46.20 (GP)

Connectors for Waveguide

DESCRIPTION	RFS P/N	PRICE EACH
EWP 63, Tunable, CPR and EW 63, Standard, CPR 137G	C137-065TG Tunable C137-065FG Standard	\$112.00 \$99.75
EWP 90, Tunable, CPR and EW 90, Standard, CPR 90G	C90-105TG Tunable C90-105FG Standard	\$119.00 \$108.50
EWP 180, Tunable, UG595/U and EW 180, Standard, UG595/U	G595-185TG Tunable	\$120.75
EW 220, Fixed Tuned	B220-220FP PBR FLANGE PLAST 2000 SEAL	\$87.50

Radio Frequency System – Phase II**Dehydrators**

Flow Rate	Pressure	Dew	Recom.	Type	Voltage	Power	Alarms	RFS P/N	Price
SCFM	PSIG	Point	Volume ft ³						
0.9	3-8	-33	0-10	D	115 VAC	230	none	SPD-10	\$553.90
0.05	5	-50	0-20	M	115 Vac	184	LP	APD-20	\$1,046.90
0.05	5	-50	0-20	M	115 Vac	184	Full	APD-20W/ALARMS*	\$2,162.38
0.2	5	-50	0.01-60	M	115/230 Vac	350/390	LP	APD-22	\$1,191.90
0.2	5	-50	0.01-60	M	115 Vac	350-550	LP	APD-20	\$1,046.90
0.2	5	-50	0.01-60	M	115 Vac	350-550	LP	APD-20	\$1,046.90
0.3	3-8	-50	2-80	M	115 Vac	390	LP	APD-20	\$1,046.90
0.3	3-8	-50	2-80	M	115 Vac	390	LP	APD-20	\$1,046.90
0.3	3-8	-50	2-80	M	115 Vac	390	Full	APD-20 W/ALARMS*	\$2,162.38
0.3	3-8	-50	2-80	M	115	390	Full	APD-20 W/ALARMS*	\$2,162.38

*Run Time Alarm Kit is P/N 914976

*Pressure & Humidity Alarm is P/N 920717-001

Radio Frequency System – Phase II**Spread Spectrum****A. Welded Grid Antenna, 2300-2500 MHz “Spread Spectrum” Type “N” Female Input connector or 7/8” EIA Flange**

Diameter in Feet	Gain – DB Bottom	Gain – DB Mid Band	Gain – DB Top	Beamwidth Degrees	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	26.8	27.0	27.2	7.0	32	1.35	MGAR4-23N	\$522.50
6.0	29.6	30.1	30.4	4.5	38	1.35	MGAR6-23N	\$940.50
8.0	32.0	32.4	32.8	3.4	41	1.35	GKLR8-23N	\$1,441.00
10.0	33.9	34.3	34.6	2.7	45	1.35	GKLR10-12N	\$1,881.00
12.0	36.0	36.4	36.7	2.6	47	1.35	GKAR12-23N	\$2,992.00
15.0	38.1	38.6	39.1	1.9	48	1.35	NO BID	\$

B. Solid Parabolic Reflector Standard Antenna, 2290-2450 MHz, “Spread Spectrum” Type “N” Female Input Connector or 7/8” EIA Flange.

Diameter in Feet	Gain – DB Bottom	Gain – DB Mid Band	Gain – DB Top	Beamwidth Degrees	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
4.0	26.7	27.1	27.3	6.9	25	36	1.3	SPF4-23AJ	\$720.00
6.0	30.2	30.6	30.9	4.6	25	39	1.1	SPF6-23AJ	\$852.00
8.0	32.9	33.3	33.3	3.5	30	40	1.1	PAF8-23AE	\$1,430.40
10.0	34.9	35.2	35.3	2.8	30	43	1.1	PAF10-23AE	\$2,112.00
12.0	36.5	36.8	37.2	2.3	30	45	1.1	PAF12-23AE	\$3,686.40

C. Solid Parabolic Reflector Standard Antenna, 5725-5850 MHz, “Spread Spectrum” CPR 137G Flange

Diameter in Feet	Gain – DB Bottom	Gain – DB Mid Band	Gain – DB Top	Beamwidth Degrees	Cross Pol Disc. DB	F/B Ratio DB	VSWR	RFS P/N	PRICE EACH
2.0	27.4	27.9	28.4	6.2	25	34	1.5	SPF2-52AN	\$408.00
3.0	30.9	31.4	31.9	4.2	25	38	1.5	SPF3-52AN	\$669.60
4.0	33.4	33.9	34.4	3.1	28	40	1.5	SPF4-52AN	\$739.20
6.0	37.0	37.4	37.9	2.1	30	44	1.5	SPF6-52AN	\$936.00

Radio Frequency System – Phase II**Accessory price discount off manufacturer price list**

Discount off Manufacturer Price List: See Below for rate

RADIO FREQUENCY SYSTEMS, INC.**PURCHASE DISCOUNTS
FOR
STATE OF WASHINGTON
AND OTHER WSCA STATES****Phase I**

High Performance Microwave Antennas	60%
Standard Performance Microwave Antennas	52%
Grid Microwave Antennas	45%
Flexwell® Elliptical Waveguide	65%
Flexwell® Elliptical Waveguide Connectors	65%
Flexwell® Elliptical Waveguide Accessories	65%
CELLFLEX® LCF Foam Dielectric Coaxial Cables	65%
CELLFLEX® LCF Coaxial Cable Connectors	65%
CELLFLEX® Installation Accessories	65%
Flexwell® Air Dielectric Coaxial Cables	60%
Pressurization Equipment	42%

Note: All pricing is FOB Destination with full standard surface freight allowed.

Per Section 32.a. of the RFP, Radio Frequency Systems is also offering a contractual project discount of three percent (3%) off the total value for any single purchase order or combination of purchase orders over \$100,000, submitted at one time by a purchasing entity, or multiple entities, conducting a cooperative purchase for delivery.

The above discounts shall be applied to the prices listed in the most current Radio Frequency Systems published price list and are subject to annual review.

Price List Dated 2003 included with all binders.

Radio Frequency System – Phase II
RADIO FREQUENCY SYSTEMS, INC.

Volume Discount Program - Phase 1 and Phase 2 all categories

The volume discount will be cumulative and over the term of the contract.

(Initial Term of Three [3] Years)

Additional Discount off Net Contract Unit Price	Cumulative Total Sales from:	Cumulative Total Sales to:
1.0%	\$ 5,000,000	\$ 9,999,999
2.5%	\$ 10,000,000	\$ 14,999,999
3.5%	\$ 15,000,000	\$ 19,999,999
5.0%	\$ 20,000,000	\$ 29,999,999
6.0%	\$ 30,000,000	\$ 39,999,999
7.0%	\$ 40,000,000	\$ 49,999,999
7.5%	\$ 50,000,000	\$ 59,999,999
8.0%	\$ 60,000,000	\$ 69,999,999
8.5%	\$ 70,000,000	\$ 79,999,999
9.0%	\$ 80,000,000	\$ 89,999,999
9.5%	\$ 90,000,000	\$ 99,999,999
10.0%	\$100,000,000	\$ 100,000,000+