

No.	Description	distributor	part number	q.	price per	total
1	25 kW Transmitter	Klein Navigation	8566	1	\$ 21,995.00	\$ 21,995.00
1.1	X-band Magnetron (spare) NJR	Richardson EI	M1458A	0	\$ 475.00	\$ -
2	X-band circulator	Richardson EI	NJC3901B	1	\$ 88.00	\$ 88.00
3	X-band front-end	Richardson EI	NJT1946A	1	\$ 286.00	\$ 286.00
3.1	Coax LO line	East Coast Mic.		2	\$ 52.50	\$ 105.00
4	X-band limiter	Richardson EI	TL393	1	\$ 700.00	\$ 700.00
6	X-band LO Oscillator	Princeton	PmT_1240-9.47	1	\$ 475.00	\$ 475.00
7	80 MHz Crystal	Wenzel	500-18332	1	\$ 529.00	\$ 529.00
8	X-band w.g. magic T	Dorado	HTW-90	1	\$ 300.00	\$ 300.00
9	X-band 30 dB waveguide atten.	Dorado	FA-90-30	1	\$ 168.00	\$ 168.00
9.2	X-band H-plane bend (Ch1)	Dorado	BH-90	1	\$ 64.00	\$ 64.00
9.3	X-band Straight WG 3.5" (Mag)	Dorado	S-90-3.5"	1	\$ 42.00	\$ 42.00
9.4	X-band Straight WG 5.540" (Ch2)	Dorado	S-90-5.540"	1	\$ 90.00	\$ 90.00
9.5	X-band Straight WG w. air nipple	MWP	105005-1016-1	1	\$ 250.00	\$ 250.00
9.6	X-band H-bend WG w. air nipple	MWP	105005-1016-2	1	\$ 250.00	\$ 250.00
9.7	X-band Twist-lex WG 1 cvr 1 chk	ATM	90-125-30-6-8	2	\$ 370.00	\$ 740.00
9.8	WR90 90 deg H-bend	ATM	90-510A-2X2-6-8	1	\$ 130.00	\$ 130.00
10	X-band waveguide to coax trans.	Dorado	WA90-S(F)	1	\$ 150.00	\$ 150.00
11	IF BPF Filter 60/20 MHz	Lorch	5BP8-60/B30-S	2	\$ 306.00	\$ 612.00
12	SMA 30 dB Attenuator	Mini Circuits	BW-S30W2	1	\$ 29.95	\$ 29.95
13	X-band mixer	Mini Circuits	ZMX-10GB	1	\$ 81.95	\$ 81.95
15	X-band splitter (2-way)	Mini Circuits	ZFSC-2-10G+	2	\$ 69.95	\$ 139.90
16	X-band LO Amp	Mini Circuits	ZX60-14012L+	2	\$ 172.95	\$ 345.90
16.1	X-band HPF	Mini Circuits	VHF-8400+	2	\$ 24.95	\$ 49.90
17	IF splitter	Mini Circuits	ZFSC-2-1-S+	1	\$ 49.95	\$ 49.95
18	IF Amp Low Noise 24 dB gain	Mini Circuits	ZFL-500LNB	4	\$ 79.95	\$ 319.80
19	SPDT switch	Mini Circuits	ZYSWA-2-50DRB	1	\$ 72.45	\$ 72.45
20	Radar Controller PCB	ProSensing		1	\$ 500.00	\$ 500.00
21.11	Side Bulkhead Feedthrough	ProSensing		1	\$ 150.00	\$ 150.00
21.12	Front Bulkhead Feedthrough	ProSensing		1	\$ 150.00	\$ 150.00
21.2	X-band Waveguide Barcket	ProSensing		2	\$ 50.00	\$ 100.00
21.3	X-band Front_end Cover	ProSensing		2	\$ 50.00	\$ 100.00
21.4	Magnetron Barcket	ProSensing		1	\$ 50.00	\$ 50.00
22	Host PC	Servers Direct	RDS1	1	\$ 2,963.00	\$ 2,963.00
23.1	Digital receiver	Echotek	ECV4-2-R105-XMC	1	\$ 9,000.00	\$ 9,000.00
23.2	PMC-to_PCI Adapter	Technobox	5012	1	\$ 453.48	\$ 453.48
23.3	2-port RS-422/485 PCI Card	Aaxeon Tech. Inc.	MSC-102B	1	\$ 89.00	\$ 89.00
24	Dry air pressurizer	Hutton	MT050B-81315	1	\$ 2,325.00	\$ 2,325.00
24.1	Aeroflex Isolators	VMC Group	CA2-125-08-T2	4	\$ 52.25	\$ 209.00
25	6' Dish	Seavey	AS72-9494	1	\$ 26,400.00	\$ 26,400.00
26	X-band Twist-flex WG 1 cvr 1 chk	ATM	90-125-48-6-8	2	\$ 440.00	\$ 880.00
27	Dual Channel X Rotary Joint	Kevlin	2204/3	1	\$ 8,195.00	\$ 8,195.00
28	Pedestal	Orbit	AL-4016	1	\$ 75,000.00	\$ 75,000.00
	Positioner shipping	ProSensing		1	\$ 1,500.00	\$ 1,500.00
30	Air Conditioner (230 V)	Coleman	Polar Cub 9.2K BTU	1	\$ 658.54	\$ 658.54
31	Space Heater (230 V)	McMaster	19095K742	1	\$ 262.13	\$ 262.13
32	DC Power Supply +15V	Acopian	15EB100	1	\$ 135.00	\$ 135.00
33	DC Power Supply +5V	Acopian	5EB150	1	\$ 110.00	\$ 110.00
34	Power Supply Mounting Bracket	Acopian	EB4A	2	\$ 8.00	\$ 16.00
35	UPS (120 V) 1500 W	Newegg	SM1500RM2U	1	\$ 527.93	\$ 527.93
35.1	UPS (230 V) 1000 W	B&H	APCSUA1000RM	1	\$ 478.00	\$ 478.00

36	PDU (120 V)	B&H	AP7900	1	\$	368.00	\$	368.00
37	Power Strip (120 V)	APC	NET9RMBLK	1	\$	120.00	\$	120.00
37.1	Power Strip (230 V)	APC	AP9565	1	\$	150.00	\$	150.00
38	Network Hub	Newegg	GS105	2	\$	41.00	\$	82.00
38.1	Circuit breaker bar	Gear Box	SLP-237	1	\$	720.00	\$	720.00
38.2	IP-KVM	Opengear	IP-KVM-1001-US	1	\$	360.00	\$	360.00
39	ProtectNet Surge Supressor	Newegg	PNET	1	\$	24.00	\$	24.00
40	Enclosure	Kleeberg		1	\$	3,669.00	\$	3,669.00
40.1	racks	Starcase		2				
41	GPS	Raven	Phoenix	1	\$	700.00		
42	Inclinometer	Rieker	H4A1-30	2	\$	377.00	\$	754.00
43	Solid State Relay (120 V)	Omron	G3NA-210B-AC100-120	4	\$	19.11	\$	76.44
45	X-band Phase Shifter WG	ATM	90-P150-360	0	\$	850.00	\$	-
	Misc. (Cables, Waveguides, ...)			1	\$	500.00	\$	500.00

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Total : \$ 165,139.32