

# Admin Minnesota

## Office of State Procurement

Room 112 Administration Bldg., 50 Sherburne Ave., St. Paul, MN 55155; Phone: 651.296.2600, Fax: 651.297.3996  
Persons with a hearing or speech disability can contact us through the Minnesota Relay Service by dialing 711 or 1.800.627.3529.

### CONTRACT RELEASE: R-696(5)

**DATE:** AUGUST 30, 2022

**PRODUCT/SERVICE:** RADIO SYSTEM (ARMER) MOTOROLA PARTS AND SOFTWARE

**CONTRACT PERIOD:** JUNE 1, 2017, THROUGH SEPTEMBER 30, 2022

**EXTENSION OPTIONS:** NONE

**ACQUISITION MANAGEMENT SPECIALIST/BUYER (AMS):** DALE STEVENS

**PHONE:** 651.201.2448

**E-MAIL:** [dale.stevens@state.mn.us](mailto:dale.stevens@state.mn.us)

**WEB SITE:** [www.mmd.admin.state.mn.us](http://www.mmd.admin.state.mn.us)

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
MOTOROLA SOLUTIONS 1712 16 <sup>th</sup> St E Glencoe, MN 55336	125398	NET 30	7 – 45 DAY

**VENDOR NO:** 0000203508

Joe Fick

Sr. Account Manager

**PHONE:** 951.395.3463

**EMAIL:** [joe.fick@motorolasolutions.com](mailto:joe.fick@motorolasolutions.com)

---

**CONTRACT USERS.** This Contract is available to the following entities as indicated by the checked boxes below

- State agencies
- Cooperative Purchasing Venture (CPV) members
- Limited to the following entities only \_\_\_\_\_

**STATE AGENCY CONTRACT USE.** This Contract must be used by State agencies unless a specific exception is granted in writing by the AMS listed above.

**STATE AGENCY ORDERING INSTRUCTIONS.** Orders are to be placed directly with the Contract Vendor. State agencies should use a Contract release order (CRO) or a blanket purchase order (BPC). The person ordering should include his or her name and phone number. Orders may be submitted via fax.

**CONTRACT FEEDBACK.** If these commodities or service can be better structured to help you with your business needs, let us know. We solicit your comments and suggestions to improve all of our contracts so that they may better serve your business needs. If you have a need for which no contract currently exists, or you would like to be able to use an existing state contract that is not available to your entity, whether a state agency or CPV, please contact us. If you have specific comments or suggestions about an individual contract you can submit those via the [Contract Feedback Form](#).

## SPECIAL TERMS AND CONDITIONS

**SCOPE.** To provide Motorola supplied parts and software to support the existing Allied Radio Matrix for Emergency Response (ARMER) system for the Minnesota Department of Transportation, and entities of the ARMER system.

**PRICES.** At no time should the ordering entity pay more than the Contract price. Agencies must contact the AMS immediately and fill out a Vendor Performance Report if there is a discrepancy between the price on the invoice and the Contract price.

**VERIFYING THE CONTRACT PRICES.** The following information explains the method(s) for calculating and/or confirming the contract prices.

The Contract(s) was executed with FIXED PRICING AND PERCENTAGE DISCOUNT OFF LIST PRICE.

The pricing offered for the fixed pricing must match or be lower than that detailed herein.

The percentage discount off list pricing is to be calculated by following the three steps detailed below:

1. *Locate the appropriate price list below.*
2. *Calculate the Contract Price by applying the Percentage Discount Off Of the Appropriate List Price to the appropriate Price List.*
3. *Confirm the price offered is equal to, or lower than, the price calculated in Item 2.*

Only accept contract vendor quotes that provide itemized contract pricing (lump sum price quotes must be rejected and reworked by the Contract Vendor to show itemized State contract pricing).

Prior to accepting an order and/or issuing payment on an invoice, inspect the goods and/or deliverables to ensure they match both the terms and pricing of the contract.

Contact the AMS/Buyer detailed herein to report any pricing discrepancies or for assistance in confirming/calculating contract pricing.

## REVISIONS.

- |            |  |
|------------|--|
| 08/30/2022 | Contract No. 125398 has been extended through 9/30/2022 at the same prices, terms, and conditions.   |
| 07/01/2022 | Contract No. 125398 has been extended through 8/31/2022 at the same prices, terms, and conditions.   |
| 06/01/2022 | Contract No. 125398 has been extended through 6/30/2022 at the same prices, terms, and conditions.   |
| 05/14/2021 | Contract No. 125398 has been extended through 5/31/2022 at the same prices with non-discrimination clause added. New sales account representative, Joe Fick, added to Release. |
| 06/01/2019 | Contract No. 125398 has been extended through 5/31/2021 with revised Price Schedule (Attachment A to Amendment No. 1).   |

**PRICE SCHEDULE – ATTACHMENT A TO AMENDMENT NO. 1**

**CONTRACT No. 125398, R-696(5) – 6/1/2019**

**A. PRICE SCHEDULE LINE ITEM PRICING – R-696(5)**

Item No.	Catalog/Model Number	Description	Unit	Unit Price
1	SQM01SUM0273	MASTER SITE CONFIGURATION	lot	\$1,600.00
	CA02629AA	ENH: EXPAND 7.xx	Included with Item #4	
2	UA00141AA	ADD: ZONEWATCH GRID & CTRL	each	\$16,000.00
3	UA00144AA	ADD: ZONE HISTORICAL RPTS	each	\$4,000.00
4	UA00145AA	ADD: SYSTEM HISTORICAL REPORTS	each	\$8,000.00
5	UA00146AA	ADD: UNIFIED EVENT MANAGER (UEM)	each	\$16,000.00
6	UA00152AA	ADD:500 RADIO USER LICENSES	each	\$4,000.00
7	UA00153AA	ADD: ASTRO 25 FDMA SITE LICENSE	each	\$13,600.00
8	UA00156AA	ADD: MCC7500 CONSOLE LICENSES (QTY	each	\$4,000.00
9	UA00147AA	ADD: PROVISIONING MANAGER	each	\$4,000.00
10	UA00149AA	ADD: RADIO CONTROL MANAGER	each	\$12,000.00
11	UA00150AA	ADD: DYNAMIC REPORTS	each	\$6,400.00
12	UA00151AA	ADD: AFFLIATION USER RPTS	each	\$5,600.00
13	CA01316AA	ADD: UNC ADDTL DEVICE LIC (QTY 10)	each	\$400.00
14	UA00136AA	ADD: UNIFIED NETWORK CONFIGURATOR (	each	\$16,000.00
15	T7039	GTR 8000 Base Radio	lot	\$4,914.00
	CA00855AA	ADD: 700/800 MHZ	Included with Item #15	
	CA00717AA	ADD: ASTRO SYSTEM RELEASE 7.17	Included with Item #15	
16	X153AW	ADD: RACK MOUNT HARDWARE	each	\$39.00
17	X591AE	ENH: ASTRO 25 SITE REPEATER SW	each	\$14,632.80
18	CA00951AA	ADD: STR 3000 RETROFIT HARDWARE	each	\$39.00
19	CA01193AA	IP BASED MULTISITE BASE RADIO SOFTW	each	\$19,890.00
20	T7071	GTR 8000 EXPANDABLE SITE SUB-SYSTEM	lot	\$4,914.00
	CA00855AA	ADD: 700/800 MHZ	Included with Item #20	
	CA00717AA	ADD: ASTRO SYSTEM RELEASE 7.17	Included with Item #20	
21	X301AE	ADD: QTY (1) GTR 8000 BASE RADIO	each	\$4,602.00
22	T7321	GCM 8000 COMPARATOR	each	\$2,340.00
23	CA01183AA	GCM 8000 COMPARATOR	each	\$1,950.00
24	CA01185AA	ADD: IP BASED MULTISITE OPERATION	each	\$8,970.00
25	T7038	GCP 8000 SITE CONTROLLER	each	\$2,340.00
26	CA01194AA	IP BASED MULTISITE SITE CONTROLLER	each	\$48,750.00
27	CA00303AB	ADD: QTY (1) SITE CONTROLLER	each	\$3,900.00
28	SQM01SUM7054	GTR 8000 EXPANDABLE SITE SUBSYSTEM	lot	\$9,594.00
	CA00855AA	ADD: 700/800 MHZ	Included with Item #28	

Item No.	Catalog/Model Number	Description	Unit	Unit Price
	CA00717AA	ADD: ASTRO SYSTEM RELEASE 7.17	Included with Item #28	
29	CA00303AA	ADD: QTY (1) SITE CONTROLLER	each	\$1,950.00
30	CA00862AA	ADD: SITE & CABINET RMC W/CAPABILIT	each	\$1,638.00
31	CA00879AA	ADD: PRIMARY 6 PORT CAVITY COMBINER	each	\$6,552.00
32	CA00883AA	ADD: 800 MHZ TX FILTER W/PMU	each	\$780.00
33	CA01402AA	ADD: 7.0 FT OPEN RACK	each	\$386.10
34	CA03177AA	ADD: ASTRO SITE REPEATER SC SW	each	\$6,084.00
35	CA00884AA	ADD: QTY (1) XHUB	each	\$2,730.00
36	X302AE	ADD: QTY (2) GTR 8000 BASE RADIOS	each	\$9,204.00
37	X303AE	ADD: QTY (3) GTR 8000 BASE RADIOS	each	\$13,806.00
38	X304AE	ADD: QTY (4) GTR 8000 BASE RADIOS	each	\$18,408.00
39	X305AC	ADD: QTY (5) GTR 8000 BASE RADIOS	each	\$23,010.00
40	X306AC	ADD: QTY (6) GTR 8000 BASE RADIOS	each	\$27,612.00
42	CLN1856	2620-24 ETHERNET SWITCH	each	\$2,025.00
43	SQM01SUM0205	GGM 8000 GATEWAY	each	\$3,780.00
44	ST6000	S6000 MNR MULTI-PROTOCOL ROUTER	each	\$14,395.50
45	ST6010	S6000 4-PORT ULTRAWAN MODULE	each	\$2,700.00
46	ST6202	SRC 24 PORT T1/E1 EXPANSION	each	\$67,500.00
47	T7380	CO-OP WAN ROUTER RELAY PANEL	each	\$6,750.00
48	B1948	MCC 7500E DISPATCH POSITION LICENSES	each	\$4,800.00
	UA00654AA	ADD: ASTRO 25 TRUNKING	Included with Item #48	
49	UA00653AA	ADD: BASIC CONSOLE OPERATION	each	\$3,840.00
50	UA00655AA	ADD: ADVANCED CONVENTIONAL OPERATION	each	\$2,880.00
51	UA00249AA	ADD: 15 RADIO RESOURCES LICENSE	each	\$2,800.00
52	UA00250AA	ADD: 30 RADIO RESOURCES LICENSE	each	\$5,000.00
53	UA00652AA	ADD: 160 RADIO RESOURCES LICENSE	each	\$15,056.00
54	UA00661AA	ADD: ENHANCED IRR	each	\$2,400.00
55	UA00254AA	ADD: PRX 7000 PROXY SW LICENSE (1-10 CON)	each	\$2,000.00
56	UA00658AA	ADD: SECURE OPERATION	each	\$3,120.00
57	UA00659AA	ADD: ADP/AES/DES-OFB ENCRYPTION	each	\$1,728.00
58	B1949	MCC 7500E SOFTWARE DVD	each	\$200.00
59	BSF2B56AA	USB EXTERNAL DVD DRIVE	each	\$137.60
60	B1952	SPEAKER, DESKTOP, USB	each	\$388.00
61	CA03405AA	ADD: POWER SUPPLY WITH DC CORD	each	\$60.00
62	CA03406AA	ADD AC LINE CORD, NORTH AMERICA	each	\$10.40

Item No.	Catalog/Model Number	Description	Unit	Unit Price
63	CA03412AA	ADD: USB CABLE, TYPE C TO TYPE C, 4.5M	each	\$31.20
64	B1941	USB AUDIO INTERFACE MODULE	each	\$1,520.00
65	B1913	MCC SERIES HEADSET JACK	each	\$160.00
66	B1914	MCC SERIES DESKTOP GOOSENECK MICROP	each	\$200.00
67	DSTWIN6328A	PROVIDES ONE DUAL PEDAL FOOTSWITCH	each	\$261.00
68	T7885	MCAFFEE WINDOWS AV CLIENT	each	\$148.50
69	DDN1400	SHURE DESKTOP GOOSENECK MIC	each	\$392.40
70	DDN1429	ANGLED DESKTOP GOOSNECK BASE SHURE	each	\$106.20
71	DDN1428	XLR TO USB ADAPTER SHURE	each	\$185.40
72	DDN1396	USB DUAL ACTION FOOTSWITCH W/INPUT	each	\$251.10
73	DDN2825	USB HEADSET BASE WITH PTT	each	\$269.10
71	DSST7300U3M	STARTECH 7 PORT USB 3.0 HUB	each	\$66.40
72	BVN6079	PRX 7000 Proxy Application SW DVD	each	\$200.00
73	TT3492	Z2 G4 MINI WORKSTATION NON RETURNAB	each	\$2,655.00
74	DSY7B61AA	HP Z2 MINI ARM WALL VESA MOUNT	each	\$69.30
75	T8126	FORTINET FIREWALL APPLIANCE	each	\$2,880.00
76	DSKVT417A1UVR3	SERVTRAY 17 INCH 1 VGA USB PS 2 POR	each	\$1,980.00
76	DSEHN9000U0015	15' SERVSWITCH EC-SERIES CPU CABLE	each	\$29.70
77	DDN9748	19 INCH BLACK SHELF	each	\$224.10
78	B1905	MCC 7500 ASTRO 25 SOFTWARE	each	\$200.00
79	B1933	MOTOROLA VOICE PROCESSOR MODULE	each	\$9,536.00
80	CA00143AC	ADD: DES-OFB ALGORITHM	each	\$600.00
81	CA00147AF	ADD: MCC 7500 SECURE OPERATION	each	\$2,600.00
82	CA01642AA	ADD: MCC 7500 BASIC CONSOLE FUNCTIO	each	\$16,000.00
83	CA00182AB	ADD: AES ALGORITHM	each	\$600.00
84	CA00245AA	ADD: ADP ALGORITHM	each	\$240.00
85	DSEV221	TECH GLOBAL EVOLUTION SERIES 22INCH	each	\$3,040.20
86	DSTG221	TECH GLOBAL EVOLUTION SERIES 22INCH	each	\$2,248.20
87	B1912	MCC SERIES DESKTOP SPEAKER	each	\$360.00
88	DDN2090	DUAL IRR SW USB HASB W LICENSE, SOUND CARD	each	\$2,641.50
89	F4543	SITE MANAGER BASIC	each	\$1,669.50
90	VA00874	ADD: AUX I-O SERV FW CURR ASTRO REL	each	\$157.50
91	V266	ADD: 90VAC TO 260VAC PS TO SM	each	\$108.00
92	V592	AAD TERM BLCK & CONN WI	each	\$81.00
<b>ARMER BackHaul MPLS Juniper</b>				
93	DSIGMX104PREMDC	MX104 PREM 2 RES +2 DC PS +JUNOS	each	\$16,068.60
94	DSIGMX104PREMAC	MX104 PREM BNDL 4MIC SLOTS 2PS 2RES JUNOS CIF DVR W/ 8X480TV	each	\$16,068.60
95	DSIGCBLPWRC15MHTMP	2.5M 13A/125V PWR CORD AC C15M STRAIGHT NEMA N5-15 TO HIGH TEMP	each	\$45.00

Item No.	Catalog/Model Number	Description	Unit	Unit Price
96	DSIGMX104UPG4X10GE	UPG LICENSE ACTIVATE 4X10GE FIXED PORTS, MX104	each	\$4,860.00
97	DSIGRESMX104WW S	ROUTING ENGINE FOR MX104 AND 4GB MEMORY SPARE	each	\$4,050.00
98	DSSMX104ADVR1	L3 LICS 256K ROUTES SUPPORT ON MX104	each	\$2,700.00
99	DSIGMIC3D20GESF PE	MIC-3D-20GE-SFP ENHANCED MAC SEC & TIMING PHY MAX 256 APS	each	\$4,374.00
100	DSIGMIC16CHT1E1	MIC, 16XCHE1-T1 , RJ48	each	\$3,240.00
101	DSIGMICOC3OC12 CEH	TEMP HARD CHAN OC3/OC12 CEMIC,MX104	each	\$6,480.00
101	DSIGSFP1GEFE	SFP 10/100/1000 COPPER	each	\$191.70
102	DSIGSFP1GELH	SFP OPTIC MODULE - 1G LH	each	\$2,913.30
103	DSIGSFP1GELX	SFP OPTIC MODULE - 1G LX	each	\$483.30
104	DSIGSFP1GESX	SFP OPTIC MODULE - 1G SX	each	\$243.00
105	DSIGSFPP10GEER	SFP+, 10GE ER, MX	each	\$4,860.00
106	DSIGSFPP10GEZR	SFP+, 10GE ZR, MX	each	\$6,804.00
106	DSIGSFPP10GELR	SFP+, 10GE LR, MX	each	\$1,944.00
107	DSIGSFPP10GESR	SFP+, 10GE SR, MX	each	\$510.30
108	DSIGMX10440GAC	MX104 40G BNDL,2X10GE,2 MIC SLOTS,AC	each	\$10,665.00
109	DSIGMX10440GDC BNDL	PROMO MX104 BNDL 40G 2X10G BUILT IN PORT MIC SLOT REDUNDANT	each	\$10,665.00
110	DSIGMX10480GAC	MX104 80G BNDL,4X10GE,4 MIC SLOTS,AC	each	\$24,975.00
111	DSIGMX10480GDC	MX104 80G BNDL,4X10GE,4 MIC SLOTS,DC	each	\$24,975.00
		<b>ARMER BackHaul MPLS Nokia</b>		
112	DSMW3HE06791AA	Nokia SAR-8 SHELF V2	each	\$756.00
113	DSMW3HE02784MA	SAR RELEASE 9.0 BASIC OS LICENSE	each	\$535.50
114	DSMW3HE06792EA	FAN MODULE (SAR-8 SHELF V2) EXT TEMP - 48VDC	each	\$378.00

Item No.	Catalog/Model Number	Description	Unit	Unit Price
115	DSMW3HE02774AB	CONTROL SWITCH MODULE V2 (CSMV2) 48V	each	\$2,205.00
116	DSMW3HE02782AA	PACKET MICROWAVE CARD (-48/+24 VDC)	each	\$3,906.00
117	DSMW3HE11473AK	PMC CARD W/ 4 GIG-E SFP BUNDLE (1) 3HE02782AA PMC, (4) SHE11904AA SFP	each	\$3,402.00
118	DSMW3HE02775AB	16 PORT T1/E1 ASAP CARD V2 (-48/+24 VDC)	each	\$2,646.00
119	DSMW3HE03126AA	6 PORT E&M INTERFACE CARD -48 VDC	each	\$2,646.00
120	DSMW3HE05837BA	7705 AC POWER CONVERTER PIGTAIL - O-RING	each	\$173.70
121	DSMW3HE11904AA	SFP - GIGE BASE-T RJ45 R6/6 DDM -40/85C	each	\$252.00
122	DSMW3HE00028CA	SFP - GIGE LX - LC ROHS 6/6 DDM -40/85C	each	\$627.30
123	DSMW3HE00027CA	SFP - GIGE SX - LC ROHS 6/6 DDM -40/85C	each	\$217.80
124	DSMW3HE04823AA	SFP+ 10GE LR - LC ROHS6/6 0/70C	each	\$2,517.30
125	DSMW3HE04824A	SFP+ 10GE SR - LC ROHS6/6 0/70C	each	\$2,156.40
126	DSMW3HE04991AA	SAR-18 SHELF	each	\$6,300.00
127	DSMW3HE04992AA	CONTROL SWITCH MODULE FOR SAR-18	each	\$4,725.00
128	DSMW3HE05574HA	SAR-18 RELEASE 9.0 BASIC OS LICENSE	each	\$945.00
129	DSMW3HE04993AA	FAN MODULE FOR SAR-18	each	\$1,575.00
130	DSMW3HE11473AA	MOTOROLA 7705 SAR-A BUNDLE - REDUNDANT	each	\$7,191.00
131	DSMW3HE11473AC	MOTOROLA 7705 SAR-A BUNDLE - REDUNDANT + T1	each	\$8,091.00
		Fixed Microwave Nokia		
132	DSMWMPHLHC6NMSS8	1 Hop: MPT HLC, 6 GHz, 1+0, MSS-8		\$54,881.10
133	DSMWMPHQAM6NMSS8	1 Hop: MPT HQAM, 6 GHz, 1+0, MSS-8		\$47,382.30
134	DSMWMPHLHC6PMSS8	1 Hop: MPT HLC, 6 GHz, 1+1, MSS-8		\$78,754.50
135	DSMWMPHQAM6PMSS8	1 Hop: MPT HQAM, 6 GHz, 1+1, MSS-8		\$69,345.00
136	DSMWMPHLHC11NMSS8	1 Hop: MPT HLC, 11 GHz, 1+0, MSS-8		\$56,385.90

Item No.	Catalog/Model Number	Description	Unit	Unit Price
137	DSMWMPTHQAM11 NMSS8	1 Hop: MPT HQAM, 11 GHz, 1+0, MSS-8		\$47,382.30
138	DSMWMPTHLC11P MSS8	1 Hop: MPT HLC, 11 GHz, 1+1, MSS-8		\$81,696.60
139	DSMWMPTHQAM11 PMSS8	1 Hop: MPT HQAM, 11 GHz, 1+1, MSS-8		\$70,242.30
140	DSMWMPTHQAM18 NMSS8	1 Hop: MPT HQAM, 18 GHz, 1+0, MSS-8		\$44,845.20
141	DSMWMPTHQAM18 PMSS8	1 Hop: MPT HQAM, 18 GHz, 1+1, MSS-8		\$63,383.40
142	DSMWMPTHLC6NM SS1	1 Hop: MPT HLC, 6 GHz, 1+0, MSS-1		\$41,042.70
143	DSMWMPTHQAM6N MSS1	1 Hop: MPT HQAM, 6 GHz, 1+0, MSS-1		\$33,543.90
144	DSMWMPTHLC11N MSS1	1 Hop: MPT HLC, 11 GHz, 1+0, MSS-1		\$42,548.40
145	DSMWMPTHQAM11 NMSS1	1 Hop: MPT HQAM, 11 GHz, 1+0, MSS-1		\$33,543.90
146	DSMWMPTHQAM18 NMSS1	1 Hop: MPT HQAM, 18 GHz, 1+0, MSS-1		\$31,007.70
		Fixed Microwave Aviat		
147	DSMWEV202AMT00 041	IRU600 v4 RF Shelf, NP Terminal, Lower or Upper 6 GHz, Standard Power		\$13,572.90
148	DSMWEV206AMTA M041	IRU600 v4 RF Shelf, MHSB Terminal, Lower or Upper 6 GHz, Standard Power		\$23,150.19
149	DSMWEV207AMTA M041	IRU600 v4 RF Shelf, MHSB/SD Terminal, Lower or Upper 6 GHz, Standard Pwr		\$24,189.66
150	DSMWEV202AEL00 041	IRU600 v4 RF Shelf, NP Terminal, Lower 6 GHz, Extra Hi Power (EHP)		\$18,324.90
151	DSMWEV206AELAE 041	IRU600 v4 RF Shelf, MHSB Terminal, Lower 6 GHz, Extra Hi Power (EHP)		\$32,654.90
152	DSMWEV207AELAE 041	IRU600 v4 RF Shelf, MHSB/SD Terminal, Lower 6 GHz, Extra Hi Power (EHP)		\$33,693.66
153	DSMWEV202AEU00 041	IRU600 v4 RF Shelf, NP Terminal, Upper 6 GHz, Extra Hi Power (EHP)		\$18,324.90
154	DSMWEV207AEUAE 041	IRU600 v4 RF Shelf, MHSB/SD Terminal, Upper 6 GHz, Extra Hi Power (EHP)		\$33,693.66

Item No.	Catalog/Model Number	Description	Unit	Unit Price
155	DSMWEV202AMC00 041	IRU600 v4 RF Shelf, NP Terminal, 11 GHz, Standard Power		\$13,572.90
156	DSMWEV206AMCA M041	IRU600 v4 RF Shelf, MHSB Terminal, 11 GHz, Standard Power		\$23,150.16
157	DSMWEV202AEB00 041	IRU600 v4 RF Shelf, NP Terminal, 11 GHz, Extra High Power (EHP)		\$18,324.90
158	DSMWEV206AEBAE 041	IRU600 v4 RF Shelf, MHSB Terminal, 11 GHz, Extra High Power (EHP)		\$32,654.16
159	DSMWEZE08001	Node Software License: 50 MB Total Node Capacity		\$178.20
160	DSMWEZE08002	Node Software License: 100 MB Total Node Capacity		\$742.50
161	DSMWEZE08003	Node Software License: 150 MB Total Node Capacity		\$1782.00
162	DSMWEZE08004	Node Software License: 200 MB Total Node Capacity		\$2970.00
163	DSMWEZF02	Node Software License: Adaptive Coding & Modulation (ACM)		\$2227.50
164	DSMWEZF61	Node Software License: IRU600 v3/v4 High Power Transmitter, 1 x RFU		\$4455.00
165	DSMWEZF62	Node Software License: IRU600 v3/v4 High Power Transmitter, 2 x RFU		\$8910.00
		Fixed Microwave (Microwave Networks Inc)		
166	DSMWJ06NE1006A NNN	Proteus AMT MX Radio, 6 GHz, ST PWR, Indoor, NP, Gig Eth Ports		\$20,461.32
167	DSMWJ06PE1006A NNN	Proteus AMT MX Radio, 6 GHz, ST PWR, Indoor, HSB, Gig Eth Ports		\$38,412.00
168	DSMWJ06SE1006A NNN	Proteus AMT MX Radio, 6 GHz, ST PWR, Indoor, SD, Gig Eth Ports		\$39,221.82
169	DSMWJ11NM1006A NNN	Proteus AMT MX Radio, 11 GHz, ST PWR, Indoor, NP, Gig Eth Ports		\$19,487.16
170	DSMWJ11PM1006A NNN	Proteus AMT MX Radio, 11 GHz, ST PWR, Indoor, HSB, Gig Eth Ports		\$36,582.48
171	P/N 8000754-00	One Data Card, 32 E1/DS1, AMT-MX		\$0.00
172	P/N 8108760-10	Two CHAMP Connector 24 GA Cable, AMT-MX, 32 E1/DS1, 10' 3m		\$0.00
173	DSMWE1DS1PTKIT	Protected 32 E1/DS1 Terminal Kit		\$2,245.32

Item No.	Catalog/Model Number	Description	Unit	Unit Price
174	P/N 8000754-00	Two Data Cards, 32 E1/DS1, AMT-MX		\$0.00
175	P/N 8108760-10	Two CHAMP Connector 24 GA Cable, AMT-MX, 32 E1/DS1, 10' 3m		\$0.00
176	DSMW440X90C	Option, SW Lic Key for Throughput of 90 Mb/s, 16 QAM, 30 MHz (11 GHz)		\$1,288.98
177	DSMW440X105D	Option, SW Lic Key for Throughput of 105 Mb/s, 32 QAM, 30 MHz (11 GHz)		\$1,938.42
178	DSMW440X134E	Option, SW License Key for Total Throughput of 134 Mb/s, 64 QAM, 30 MHz		\$2,439.36
179	DSMW440X155F	Option, SW License Key for Total Throughput of 155 Mb/s, 128 QAM, 30 MHz		\$3,472.92
180	DSMW440X166F	Option, SW License Key for Total Throughput of 166 Mb/s, 128 QAM, 30 MHz		\$4,427.28
181	DSMW440X180G	Option, SW License Key for Total Throughput of 180 Mb/s, 256 QAM, 30 MHz		\$4,791.60
182	DSMW440X191G	Option, SW License Key for Total Throughput of 191 Mb/s, 256 QAM, 30 MHz		\$5,076.72
183	DSMW440X136D	Option, SW License Key for Total Throughput of 136 Mb/s, 32 QAM, 40 MHz		\$1,886.94
184	DSMW440X179E	Option, SW License Key for Total Throughput of 179 Mb/s, 64 QAM, 40 MHz		\$3,217.50
185	DSMW440X223F	Option, SW License Key for Total Throughput of 223 Mb/s, 128 QAM, 40 MHz		\$5,906.34
186	DSMW440X253G	Option, SW License Key for Total Throughput of 253 Mb/s, 256 QAM, 40 MHz		\$6,682.50
187	DSMW440X300F	Option, SW License Key for Total Throughput of 300 Mb/s, 128 QAM, 60 MHz		\$7,157.70
188	DSMW440X350G	Option, SW License Key for Total Throughput of 350 Mb/s, 256 QAM, 60 MHz		\$9,131.76

**B. APC PRICE DISCOUNTS**

<b>Item No.</b>	<b>Accounting Product Code (APC)</b>	<b>Description</b>	<b>Percent Discount off Motorola List Price</b>
1	112	GTR8000 (ISR Stand-Alone)	30.00%
2	112	GTR8000 (Simulcast)	22.00%
3	112	GTR8000 (Data)	15.00%
4	117	MOSCAD Alarm & Control Systems	10.00%
5	131	Premysis TeNSr Channel Bank Equipment	10.00%
6	147	Site Equipment/Standard Dropship Products (ISPO)	10.00%
7	185	Site Equipment/Standard Dropship Products (ISPO)	10.00%
8	201	KVL II	10.00%
9	207	Site Equipment/Standard Dropship Products (ISPO)	10.00%
10	214	MOSCAD Alarm & Control Systems	10.00%
11	228	Control Center Equipment	20.00%
12	229	Control Center Equipment	10.00%
13	244	Control Center Equipment	20.00%
14	271	Replacement Parts/State Battery Contract Pricing	15.00%
15	277	Trunking Ancillary Equipment	20.00%
16	280	SmartZone ASTRO Controller	30.00%
17	281	SmartZone User Interface	30.00%
18	342	MOSCAD Alarm & Control Systems	10.00%
19	351	Out-Sourced Products	10.00%
20	371	Motorola Test Equipment	10.00%
21	377	Trunking Ancillary Equipment	20.00%
22	404	CENTRACOM Control Centers	20.00%
23	417	Site Equipment/Standard Dropship Products (ISPO)	10.00%
24	443	MCC7500/Platinum MGEG	20.00%
25	454	Site Equipment/Standard Dropship Products (ISPO)	10.00%
26	457	Site Equipment/Standard Dropship Products (ISPO)	10.00%
27	469	NFM Products	10.00%
28	470	FLASHport Software	0.00%
29	470	FLASHport Software with SSA	20.00%
30	488	Data System Infrastructure 524	10.00%
31	524	ASTRO DIU	15.00%
32	525	ASTRO-TAC Comparator	20.00%
33	647	Trunking Terminals	20.00%
34	708	Chargers/Reconditioners	10.00%
35	729	FLASHport Software	0.00%
36	729	FLASHport Software with SSA	20.00%

<b>Item No.</b>	<b>Accounting Product Code (APC)</b>	<b>Description</b>	<b>Percent Discount off Motorola List Price</b>
37	732	FLASHport Software	0.00%
38	732	FLASHport Software with SSA	20.00%
39	747	Trunking Terminals	20.00%
40	785	Chargers/Reconditioners	10.00%
41	877	SmartZone Software without SSS/SSA	0.00%
42	877	SmartZone Software with SSS/SSA	20.00%
43	226	ISSI	15.00%
44	906	Controller Equipment - TRAK Timing	15.00%
45	892	WAVE Equipment	10.00%
46	660	WAVE Servers	10.00%
47	509	Fixed Equipment	20.00%
48	509	Base/Repeater Station	20.00%
49	139	Emergency CallWorks Hardware and Software	15.00%
50	548	Emergency CallWorks Services	5.00%
51	472	Spillman Hardware and Software	0% hardware & 10% software
52	473	Spillman Install and Support	10.00%
53	0032	CommandCentral Vault	20.00%
54	352	VESTA Hardware and Licensing	15.00%
55	350	VESTA Software Support	5.00%
56	349	Vesta Services	5.00%
57	179	Avigilon ACC Record and Licensing	10.00%
58	178	Avigilon HD NVR, Accessories, Warranty	10.00%
59	177	Avigilon Cameras and Accessories	10.00%
60	686	Avtec Dispatch Radio Console	10.00%
61	790	Lex 11 Device and Accessories	10.00%
62	708	MPLS Parts/Accessories Juniper	10.00%
63	131	Fixed Microwave and Nokia MPLS Parts	10.00%