



**Hidalgo County Purchasing Office
 2812 S. Business Highway 281
 New Administration Building
 Edinburg, Texas 78539
 (956) 318-2626/ Fax: (956) 318-2629**

MEMORANDUM

**TO: Brenda G. Salazar, Public Health Liaison
 Asst. Emergency Management Coordinator**

**FROM: Sandra Montalvo, Buyer
 Hidalgo County Purchasing Department**

DATE: November 17, 2009

**RE: BID AWARD RECOMMENDATION REQUEST
 Bid No. 2009-410-00-00-SMA-for HIDALGO COUNTY-EMERGENCY SERVICE
 DIVISION-"PURCHASE OF NOAA RADIOS"**

We have received three (3) quotes to the above mentioned project. Enclosed you will find a copy of the quotes for your review and recommendation.

We would like to present your recommendation on the next Commissioner's Court Meeting. Please indicate your recommendation or any concerns on the space provided below and reply to the Purchasing Department via fax to (956)-318-2629 or via email to: sandra.montalvo@co.hidalgo.tx.us.

Should you have any questions or require further information please do not hesitate to call me at 318-2626- ext. 4865. Thank you for your attention and cooperation to this matter.

<u>AWARD TO VENDOR(S):</u>	<u>RECOMMENDATION (BASIS)</u>
1. Midland	Lowest price per radio
2.	
3.	

Please include the budget account number(s) for the above reference project.

Budget Acct No.: 9-1283-429-10-300-026-0-619

Brenda G. Salazar **Brenda G Salazar** **Emergency Mgmt** **11-20-09**
 AUTHORIZED SIGNATURE PRINTED NAME DEPARTMENT DATE

Enclosures



Quotation:

Quote Number: 1009091 - Revised

Date: 10/9/2009

Bill To:

Sandra Montalvo, Buyer
Hidalgo County Purchasing Dept.
2812 S. Business Highway 281
Edinburg, TX 78539
(956) 318-2626 x 4865

Ship To:

Sandra Montalvo, Buyer
Hidalgo County Purchasing Dept.
2812 S. Business Highway 281
Edinburg, TX 78539
(956) 318-2626 x 4865



Terms: NET 30 Days Shipping: FOB Destination

CLIN Number	Qty	Model No.	Description	Price	Extend
	1500	ER-102	<input type="checkbox"/> Emergency Crank Weather Alert Radio (including battery)	\$30.77	\$46,155.00
	1500		AA Batteries (provided at NO CHARGE)	\$0.00	\$0.00
			QUOTED TX DIR CONTRACT NO. DIR-SDD-1040		

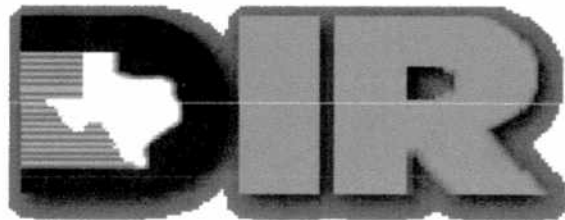
I accept the terms and conditions of this quotation.
Signed: _____
Name: _____ Title: _____

Total	\$46,155.00
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MIDLAND RADIO CORPORATION

**TEXAS DEPARTMENT OF INFORMATION RESOURCES
CONTRACT NO. DIR-SDD-1040**



Effective: July 17, 2009 - July 16, 2010



<http://www.dir.state.tx.us>

Texas Department of Information Resources Contract Number: DIR-SDD-1040

Midland Radio Corporation is the only Designated Order Filler for Contract Number DIR-SDD-1040. For questions related to Midland's DIR contract or to obtain quotes for products listed, please contact:

Contract Administrator:	Susan Ballew, Director, Government Contracting
Company Address:	5900 Parretta Drive, Kansas City, MO 64120
Phone:	816-241-8500 ext 234
Toll Free:	800-821-7848
Fax:	816-241-5713
E-mail:	sballew@midlandradio.com
Website:	www.midlandradio.com
Hours of Operation	Monday-Friday – 8:00 AM – 5:00 PM CST

Through its DIR contract, Midland Radio Corporation offers the following land mobile radio equipment:

Class/Items Available
725-13 Batteries, Radio/Communication
725-74 Two-Way Radio, Portable, Including Vehicle Radio Relay Systems
725-78 Two-Way Radio Receivers, Transmitters, Transceivers: Mobile and Base Station/Repeaters
725-82 Two-Way Radio Supplies, Parts, and Accessories

For Midland DIR Contract Pricing, click [here](#).

For Midland portable, mobile, and base station/repeater specifications, click [here](#).

Midland Radio Corporation is pleased to be a part of the Texas Go DIRect Program, which allows customers to purchase items directly from Midland, as a DIR-contracted vendor. For guidelines on placing Purchase Orders for Midland products through the Texas GoDirect Program, click [here](#). (<http://www.dir.state.tx.us/store/busops/go-direct/index.htm>)

Midland Warranty Clause and Statement, click [here](#)

Midland Return Policy, click [here](#)

Midland Warranty and Non-Warranty Repair Procedure, click [here](#)

Midland Radio Corporation

Midland STP Series P-25 Portables

- Fully Programmable P25 Compliant
- Digital, Analog and Multi-Mode Capability
- 255 Zones / 999 Channels with Tactical Grouping, Priority Scan
- Dual Mode Operation - Digital / Analog Same Channel
- Emergency / Auxiliary Key
- User Selectable CTCSS / DCS / NAC on a Per Channel Basis
- 2.5 / 3.125kHz Frequency Stepping
- One of the Industries Smallest Portables; with Excellent Battery Life
- Optional DES / AES Encryption
- True DTMF Output in Digital Mode (For Remote Functions)

Keypad Programmable

Cloning Capability

DESCRIPTION	MODEL	Customer Discount %	MSRP
VHF/ 5 Watt, 138-174 MHz (B Band); Includes Battery, Antenna and Belt Clip	STP-105B	45%	\$2,495.00
UHF/ 4 Watt, 380-450 MHz (A Band); Includes Battery, Antenna and Belt Clip	STP-404A	45%	\$2,495.00
UHF/ 4 Watt, 450-512 MHz (B Band); Includes Battery, Antenna and Belt Clip	STP-404B	45%	\$2,495.00
Antenna			
VHF Helical Antenna, SMA (Green 136-146MHz)	ACC-136	45%	\$18.00
VHF Helical Antenna, SMA (Yellow 146-155MHz)	ACC-155	45%	\$18.00
VHF Helical Antenna, SMA (Black 154-164MHz)	ACC-154	45%	\$18.00
VHF Helical Antenna, SMA (Blue 163-174MHz)	ACC-163	45%	\$18.00
UHF Portable Antenna, for STP-404 Series Portables	ACC-170	45%	\$18.00
VHF Gain Antenna, SMA (Brown 150-160MHz)	ACC-155E	45%	\$21.00
VHF Gain Antenna, SMA (Black 155-165MHz)	ACC-165E	45%	\$21.00
VHF Gain Antenna, SMA (Orange 165-175MHz)	ACC-175E	45%	\$21.00

Midland Radio Corporation

Battery

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
1800mAh Li-Ion (Lithium Ion) Battery for STP Series P25 Portables	ACC-1800	45%	\$195.00	\$107.25
Alkaline Battery Clamshell	90-1015	45%	\$100.00	\$55.00
Battery Charger				
Single Unit Desktop Charger	ACC-451	45%	\$130.00	\$71.50
Power Supply, 110V AC for use with ACC-451 Chargers	ACC-1411	45%	\$20.00	\$11.00
Software Control Options				
DES / DES-OFB / AES Encryption	96-2501	45%	\$750.00	\$412.50
Command Tactical Zone Option	96-2516	45%	\$500.00	\$275.00
Encryption Key Loader Software	MKM25	45%	\$500.00	\$275.00
Keypad Programming (US Federal Government Only)		45%	\$50.00	\$27.50
Digital Programming				
PC Programming Software (Windows® XP or 2000)	MRP25	45%	\$150.00	\$82.50
PC Programming Interface Cable	ACC-2600	45%	\$195.00	\$107.25
USB to 9-Pin Serial Adapter	91-1300	45%	\$50.00	\$27.50
PC Programming Interface Cable Kit	91-1309	45%	\$200.00	\$110.00
P25 Series Portable/Mobile Cloning Interface Cable	ACC-2305	45%	\$125.00	\$68.75
Factory Programming (Each)	97-2510	45%	\$125.00	\$68.75
Portable Audio Accessories				
Heavy Duty Speaker Microphone with Hirose Connector	ACC-720	45%	\$180.00	\$99.00
Standard Duty Lapel Speaker Microphone with Hirose Connector for STP Series P25 Portables	ACC-718	45%	\$115.00	\$63.25
Headset - Light Weight Standard In-line PTT with Pigtail for Remote PTT Options	ACC-614	45%	\$175.00	\$96.25
Headset - Heavy Duty, Single Speaker, Behind-the-Head, Standard In-line PTT with Pigtail for Remote PTT Options	ACC-625	45%	\$525.00	\$288.75
Banded Headset - Tactical IV with Boom Mic and 80mm Body PTT	ACC-610	45%	\$380.00	\$209.00
3 Wire Surveillance kit	90-1170	45%	\$151.00	\$83.05

Midland Radio Corporation

Portable Carrying Accessories

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
Nylon Carry Case with Belt Clip for STP Series P25 Portables	ACC-306	45%	\$28.00	\$15.40
Nylon Carry Case with Swivel Clip Belt Loop for STP Series P25	ACC-316	45%	\$33.00	\$18.15
Leather Carry Case with Swivel Clip Belt Loop for STP Series P25 Portables	ACC-326	45%	\$60.00	\$33.00
Service Items				
Alignment Service Software for Midland P25 Series Mobile and Portable Radios (Requires ACC-2205 and alignment test cables)	MRA25	45%	\$275.00	\$151.25
MKM (Encryption PC Programming Software)	MKM25	45%	\$500.00	\$275.00
Test / Alignment Interface Box for P25 Series Portables / Mobile Radios	ACC-2205	45%	\$575.00	\$316.25
P25 Portable Radio Test / Alignment Interface Cable for use with ACC-2205	950-020-0006	45%	\$230.00	\$126.50
Test / Alignment Cable, SMA-N Coax Cable, Portable	950-020-0008	45%	\$100.00	\$55.00
STP Series P25 Portable Radio Service Manual	680-100-2020	45%	\$125.00	\$68.75
STP Series P25 Portable Radio Owner's Manual	680-090-2040	45%	\$6.00	\$3.30

Midland STM Series P-25 Mobile Radios 50 & 110 Watt VHF, 40 Watt UHF

FEATURES

**Fully Programmable P25 Compliant
Digital, Analog and Multi-Mode Capability
255 Zones / 999 Channels with Tactical Grouping, Priority Scan
Dual Mode Operation - Digital / Analog Same Channel
Emergency / Auxiliary Key
User Selectable CTCSS / DCS / NAC on a Per Channel Basis**

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
VHF/ 50 Watt, Dash Mount Mobile, 138 - 174 MHz; Includes Microphone, DC Power/Speaker Cable, Mounting Bracket, and External Speaker	STM-1050B	45%	\$2,995.00	\$1,647.25
VHF/ 50 Watt, Trunk Mount Mobile, 138 - 174 MHz; Includes Microphone, Remote Trunk Mount Kit with Control Head Rear Cover, Control Cable, DC Power/Speaker Cable, Mounting Bracket and External Speaker	STM-1055B	45%	\$3,195.00	\$1,757.25
UHF/ 40 Watt Dash Mount Mobile, 380 - 450 MHz (A Band); Includes Microphone, DC Power/Speaker Cable, Mounting Bracket, and External Speaker	STM-4040A	45%	\$3,045.00	\$1,674.75
UHF/ 40 Watt, Trunk Mount Mobile, 380 - 450 MHz (A Band); Includes Microphone, Remote Trunk Mount Kit with Control Head Rear Cover, Control Cable, DC Power/Speaker Cable, Mounting Bracket, and External Speaker	STM-4045A	45%	\$3,245.00	\$1,784.75
UHF/ 40 Watt, Dash Mount Mobile, 450 - 512 MHz (B Band); Includes Microphone, DC Power/Speaker Cable, Mounting Bracket, and External Speaker	STM-4040B	45%	\$3,045.00	\$1,674.75
UHF/ 40 Watt, Trunk Mount Mobile, 450 - 512 MHz (B Band); Includes Microphone, Remote Trunk Mount Kit with Control Head Rear Cover, Control Cable, DC Power/Speaker Cable, Mounting Bracket, and External Speaker	STM-4045B	45%	\$3,245.00	\$1,784.75
VHF/ 110 Watt, Trunk Mount Mobile, 138 - 174 MHz; Includes Microphone, Remote Trunk Mount Kit with Control Head Rear Cover, Control Cable, DC Power/Speaker Cable, Mounting Bracket and External Speaker	STM-1115B*	45%	\$3,350.00	\$1,842.50

Midland Radio Corporation

P25 Digital Programming

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
PC Programming Software (Windows® XP or 2000)	MRP25	45%	\$150.00	\$82.50
PC Programming Interface Cable	ACC-2600	45%	\$195.00	\$107.25
USB to 9-Pin Serial Adapter	91-1300	45%	\$50.00	\$27.50
PC Programming Interface Cable Kit (Includes ACC-2600 and 91-1300)	91-1309	45%	\$200.00	\$110.00
P25 Series Portable/Mobile Cloning Interface Cable	ACC-2305	45%	\$125.00	\$68.75
DES / DES-OFB / AES Encryption	96-2501	45%	\$750.00	\$412.50
OTAR (Over The Air Rekeying) Available Nov. 2009	96-2502	45%	\$800.00	\$440.00
Factory Programming (Each)	97-2510	45%	\$125.00	\$68.75
Command Tactical Zone Option	96-2516	45%	\$500.00	\$275.00
Encryption Key Loader Software	MKM25	45%	\$500.00	\$275.00
Mobile P25 Accessories				
STM Series P25 Mobile Standard Replacement Microphone	ACC-4425	45%	\$110.00	\$60.50
15 Watt External Speaker for STM Series P25 Mobiles	70-2358	45%	\$50.00	\$27.50
STM series P25 Mobile Remote Trunk Mount Kit with Control Head Rear Cover, Control Cable, Mounting Bracket, and DC Power Cable with Speaker Lead (Under dash mount)	90-2578	45%	\$295.00	\$162.25
Power Supply, 110 / 220V AC, 18 Amp, 50% Duty	LP-18	45%	\$296.00	\$162.80
Under Dash Mounting Bracket Kit for 50 Watt STM Series P25 Mobile	560-090-0091	45%	\$36.00	\$19.80
50W STM Series P25 6 Meter (20') Mobile Under Dash High Power DC Cable w/ Speaker Lead	90-0042	45%	\$95.00	\$52.25
50W STM Series P25 Mobile Remote Trunk Mount Control Cable	90-0075	45%	\$325.00	\$178.75
P25 Mobile Under Dash Control Head	90-2502	45%	\$275.00	\$151.25
Test / Alignment Interface Box for P25 Series Portables / Mobile Radios	ACC-2205	45%	\$575.00	\$316.25
Alignment Service Software for Midland P25 Series Mobile and Portable Radios (Requires ACC-2205 and alignment test cables)	MRA25	45%	\$275.00	\$151.25
Test / Alignment Cable, STM Mobile for use with ACC-2205	950-020-0007	45%	\$175.00	\$96.25
Test / Alignment Cable, TNC-N Coax Cable, STM Series Mobile	950-020-0009	45%	\$100.00	\$55.00
50W STM Series P25 Mobile Radio Service Manual	680-100-2021	45%	\$125.00	\$68.75
Ignition Sense Kit, for STM Series P25 Mobiles	90-2271	45%	\$60.00	\$33.00

Midland Radio Corporation

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
110W STM Series P25 6 Meter (20') Mobile High Power DC Cable w/ Speaker Lead	90-0076	45%	\$95.00	\$52.25
110W P25 Mobile Trunk Mount Control Head Cable with Control Head Rear Cover	90-2502	45%	\$325.00	\$178.75
110W STM Series P25 Mobile Radio Service Manual	680-100-20xx	45%	\$125.00	\$68.75
110W STM Series P25 Trunk Mount Bracket	90-2291	45%	\$100.00	\$55.00

Midland Radio Corporation

Midland SDT Series P-25 Desktop Station: 90 Watt

FEATURES

- Fully Programmable P25 Compliant
- Digital, Analog and Multi-Mode Capability
- 255 Zones / 999 Channels with Tactical Grouping, Priority Scan
- Dual Mode Operation - Digital / Analog Same Channel
- Emergency / Auxiliary Key
- User Selectable CTCSS / DCS / NAC on a Per Channel Basis

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
P25 Digital / Conventional VHF 90W Desk Top Base Station Radio 136-174 MHz	SDT-1090	45%	\$5,229.00	\$2,875.95

P25 SDT Series Programming Software & Cables

PC Programming Software	MRP25	45%	\$150.00	\$82.50
STP Series P25 Portables & STD Series P25 Mobiles - Alignment Service Software (Requires ACC-2205 and Alignment Test Cables)	MRA25	45%	\$275.00	\$151.25
Keyloader PC Software, For loading AES /DES OFB Encryption Keys	MKM25	45%	\$500.00	\$275.00
Test / Alignment Cable, STM / STD Mobile / Desktop for use with ACC-2205	950-020-0007	45%	\$175.00	\$96.25
STD / STM Series P25 Mobiles / Desktop - Test / Alignment Cable, TNC-N - for use with ACC-2205	950-020-0009	45%	\$100.00	\$55.00
P25 STP / STM STD Series - Interface Alignment Test Box	ACC-2205	45%	\$575.00	\$316.25
STP / STM STD/ Series P25 Cloning Interface Cable	ACC-2305	45%	\$125.00	\$68.75
STP / STM / STD Series PC Programming Interface Cable	ACC-2600	45%	\$195.00	\$107.25
STP / STM / STD Series USB to Serial Interface	91-1300	45%	\$50.00	\$27.50
PC Programming Interface Cable Kit (Includes ACC-2600 with 91-1300)	91-1309	45%	\$200.00	\$110.00
Test / Alignment Interface box for P25 Mobiles / Portables Desktops	ACC-2205	45%	\$575.00	\$316.25

DIR-SDD-TMP-119
Bid Package 2

Department of Information Resources
Emergency Preparedness Hardware and Related Services
Request for Offer DIR-SSD-TMP-119

Midland Radio Corporation

P25 SDT Series Desktop Station Encryption / Special Feature Options

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
AES / DES Encryption	96-2501	45%	\$750.00	\$412.50
OTAR (Over The Air Rekeying) Interface cable for KVL3000	96-2502 91-0924	45%	\$800.00	\$440.00
SDT Series (90W P25 Desktop) Service Manual	680-100-xxxx	45%	\$250.00	\$137.50
			\$125.00	\$68.75

Midland: P-25 VHF & UHF Continuous Duty Stations & Analog Low Band, VHF & UHF Continuous

FEATURES

Project P25 Common Air Interface Operation
Digital, Analog and Multi-Mode Capability
500 Channel Capacity
Up to 110 Watts TX Output Power
Low Standby Current: 280 mA
Programmable CTCSS / DCS / NAC

Complete VHF P25 Base / Repeater Stations; Includes Power Supply, Cabinet, ect.

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
Complete assembled VHF P-25 Base Tech III Base Station: Includes 60 Watt Transceiver, Compact Cabinet, Power Supply, Antenna Relay	91-1060(BA/BB)	45%	\$12,042.00	\$6,623.10
Complete assembled VHF P-25 Base Tech III Repeater Station: Includes 60 Watt Transceiver, Compact Cabinet, Power Supply	91-1060(RA/RB)	45%	\$11,712.00	\$6,441.60
110 Watt Transceiver, Compact Cabinet, Power Supply, Antenna Relay	91-1110(BA/BB)	45%	\$13,042.00	\$7,173.10
Complete assembled VHF P-25 Base Tech III Repeater Station: Includes 110 Watt Transceiver, Compact Cabinet, Power Supply	91-1110(RA/RB)	45%	\$12,712.00	\$6,991.60

VHF P25 Transceiver Only; Includes Palm Microphone

P25 Base Tech III VHF, 60 Watt Transceiver, 136-156 MHz (A Band), with microphone and 71-0033 DC Power Cord	91-1060A	45%	\$8,950.00	\$4,922.50
P25 Base Tech III VHF, 60 Watt Transceiver, 146-174 MHz (B Band), with microphone and 71-0033 DC Power Cord	91-1060B	45%	\$8,950.00	\$4,922.50
P25 Base Tech III VHF, 110 Watt Transceiver, 136-156 MHz (A Band), with microphone and 71-0033 DC Power Cord	91-1110A	45%	\$9,950.00	\$5,472.50
P25 Base Tech III VHF, 110 Watt Transceiver, 146-174 MHz (B Band), with microphone and 71-0033 DC Power Cord	91-1110B	45%	\$9,950.00	\$5,472.50

Midland Radio Corporation

Complete P25 UHF Base / Repeater Stations; Includes Power Supply, Cabinet,

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
Complete assembled P-25 Base Tech III Base Station: Includes 100 Watt Transceiver, Compact Cabinet, Power Supply, Antenna Relay	91-4100(BA/BB/BC)	45%	\$13,042.00	\$7,173.10
Complete assembled P-25 Base Tech III Base Station: Includes 50 Watt Transceiver, Compact Cabinet, Power Supply, Antenna Relay	91-4050(BA/BB/BC)	45%	\$12,042.00	\$6,623.10
Complete assembled P-25 Base Tech III Repeater Station: Includes 100 Watt Transceiver, Compact Cabinet, Power Supply	91-4100(RA/RB/RC)	45%	\$12,712.00	\$6,991.60

UHF P25 Transceiver Only; Includes Palm Microphone

P25 Base Tech III UHF, 50 Watt Transceiver, 400-435 MHz (A Band), with microphone and 71-0033 DC Power Cord	91-4050A	45%	\$8,950.00	\$4,922.50
P25 Base Tech III UHF, 50 Watt Transceiver, 440-475 MHz (B Band), with microphone and 71-0033 DC Power Cord	91-4050B	45%	\$8,950.00	\$4,922.50
P25 Base Tech III UHF, 50 Watt Transceiver, 465-500 MHz (C Band), with microphone and 71-0033 DC Power Cord	91-4050C	45%	\$8,950.00	\$4,922.50
P25 Base Tech III UHF, 100 Watt Transceiver, 400-435 MHz (A Band), with microphone and 71-0033 DC Power Cord	91-4100A	45%	\$9,950.00	\$5,472.50
P25 Base Tech III UHF, 100 Watt Transceiver, 440-475 MHz (B Band), with microphone and 71-0033 DC Power Cord	91-4100B	45%	\$9,950.00	\$5,472.50
P25 Base Tech III UHF, 100 Watt Transceiver, 465-500 MHz (C Band), with microphone and 71-0033 DC Power Cord	91-4100C	45%	\$9,950.00	\$5,472.50

Midland Radio Corporation

Base Tech II Conventional Analog Only Transceivers , 99 Channel Capable, Programmable CTCSS, Programmable 12.5 / 25 kHz by Channel (VHF & UHF) Includes: 71-2315 Microphone, and 71-0033 Power Cord

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
Low Band 30-40 MHz (A Band), 25 - 50 Watt Transceiver	71-0150A	45%	\$5,450.00	\$2,997.50
Low Band 35-45 MHz (B Band), 25 - 50 Watt Transceiver	71-0150B	45%	\$5,450.00	\$2,997.50
Low Band 40-50 MHz (C Band), 25 - 50 Watt Transceiver	71-0150C	45%	\$5,450.00	\$2,997.50
Low Band 35-45 MHz (B Band), 50 - 100 Watt Transceiver	71-0110B	45%	\$5,950.00	\$3,272.50
Low Band 40-50 MHz (C Band), 50 - 100 Watt Transceiver	71-0110C	45%	\$5,950.00	\$3,272.50
VHF 136-156 MHz (A Band), 25 - 60 Watt Transceiver	71-3050A	45%	\$5,450.00	\$2,997.50
VHF 150-174 MHz (B Band), 25 - 60 Watt Transceiver	71-3050B	45%	\$5,450.00	\$2,997.50
VHF 136-156 MHz (A Band), 50 - 110 Watt Transceiver	71-3110A	45%	\$5,950.00	\$3,272.50
VHF 150-174 MHz (B Band), 50 - 110 Watt Transceiver	71-3110B	45%	\$5,950.00	\$3,272.50
UHF 400-435 MHz (A Band), 25 - 50 Watt Transceiver	71-4050A	45%	\$5,450.00	\$2,997.50
UHF 440-475 MHz (B Band), 25 - 50 Watt Transceiver	71-4050B	45%	\$5,450.00	\$2,997.50
UHF 465-500 MHz (C Band), 25 - 50 Watt Transceiver	71-4050C	45%	\$5,450.00	\$2,997.50
UHF 400-435 MHz (A Band), 50 - 100 Watt Transceiver	71-4110A	45%	\$5,950.00	\$3,272.50
UHF 440-475 MHz (B Band), 50 - 100 Watt Transceiver	71-4110B	45%	\$5,950.00	\$3,272.50
UHF 465-500 MHz (C Band), 50 - 100 Watt Transceiver	71-4110C	45%	\$5,950.00	\$3,272.50

Base/Control Station or Repeater Station Options

Antenna Relay (for Base/Control Operation)	71-7751	45%	\$330.00	\$181.50
16 CH TONE REMOTE INTERNAL MT with E & M	71-2020E	45%	\$495.00	\$272.25
E & M / Microwave Interface	71-2022	45%	\$510.00	\$280.50

Optional Power Supply

MKM25		Customer Discount %	MSRP	Customer Price
120V - 12V / 30 Amp PS, rack mount w/ LCD meter	71-7125B	45%	\$850.00	\$467.50
Battery backup module for use with 7107125B PS	71-1230BM	45%	\$250.00	\$137.50

Midland Radio Corporation

Optional Rack Mount or Cabinet Mount

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
Cabinets				
Cabinets: Cabinet, 31" with Extra Deep Front and Rear Locking Doors	71-8820D	45%	\$900.00	\$495.00
Cabinets: Cabinet, 41" with Front and Rear Locking Doors	71-8830D	45%	\$985.00	\$541.75
Cabinets: 1 U (1.75" / 44.45mm) Blank Panel	71-8862	45%	\$90.00	\$49.50
Cabinets: 2 U (3.5" / 88.9mm) Blank Panel	71-8863	45%	\$60.00	\$33.00
Cabinets: 6 U (10.7" / 266.7mm) Blank Panel	71-8870	45%	\$80.00	\$44.00
Cabinets: 7 U (12.5" / 311.15mm) Blank Panel	71-8871	45%	\$160.00	\$88.00
Cabinets: Base Tech II Hardware Kit for 71-8820 A / D and 71-8830A	71-8834	45%	\$60.00	\$33.00
Cabinets: Grounding Kit for 71-8820 A / D and 71-8830A	71-8822-2	45%	\$42.00	\$23.10
Racks				
Racks: 90" Aluminum Relay Rack	71-8880	45%	\$1,000.00	\$550.00
Racks: Grounding Kit for 71-8880 Racks	71-8845-2	45%	\$140.00	\$77.00

Option Housing Configuration

Option Housing Service Shelf	71-8885	45%	\$952.00	\$523.60
Power Supply 15 volt 40 Amp / to be used with 71-8885	71-7140	45%	\$445.00	\$244.75
AC Power Cord	70-034812	45%	\$21.60	\$11.88
E & M Microwave Interface	71-2022C	45%	\$510.00	\$280.50

Optional Accessories

Base Tech II Dual Port Board Assembly	70-075901	45%	\$215.00	\$118.25
Base Tech III (P25) Dual Port Board Assembly	70-075900	45%	\$215.00	\$118.25
Desktop Microphone	70-2316	45%	\$300.00	\$165.00
External 10MHz TX Reference Kit	71-2910	45%	\$335.00	\$184.25
External TX/RX Antenna Relay Kit, includes DC and RF Cables	71-7801	45%	\$912.00	\$501.60
Internal TX/RX Antenna Relay Kit	71-7751	45%	\$330.00	\$181.50
Replacement Palm Microphone	71-2315	45%	\$230.00	\$126.50

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Lightning/Surge Protection					
DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price	
AC Line Surge Protection	71-7207	45%	\$520.00	\$286.00	
DC 4 Wire Line Surge Protection	71-7208	45%	\$360.00	\$198.00	
DC Remote Line Surge Protection	71-ISSPTL	45%	\$300.00	\$165.00	
RF Line Surge Protection	71-7655A	45%	\$210.00	\$115.50	
Tone Line Surge Protection	71-7206	45%	\$360.00	\$198.00	
Duplexers					
Duplexer, VHF, 3 - 5MHz Separation (160-174MHz)	71-8155-2	45%	\$2,900.00	\$1,595.00	
Duplexer, VHF, 0.5 - 3MHz Separation (150-160MHz)	71-8152-3	45%	\$2,900.00	\$1,595.00	
Duplexer, VHF, 0.5 - 3MHz Separation (160-174MHz)	71-8152-4	45%	\$2,900.00	\$1,595.00	
Duplexer, VHF, 3 - 5MHz Separation (150-160MHz)	71-8155-1	45%	\$2,900.00	\$1,595.00	
Duplexer, UHF, 5MHz Separation (400-430MHz)	71-8455D	45%	\$2,080.00	\$1,144.00	
Duplexer, UHF, 5MHz Separation (450-470MHz)	71-8455A	45%	\$2,080.00	\$1,144.00	
Manuals and Service Information					
PC Programming kit, includes software & inter-face cable, for Base Tech II	71-1480	45%	\$324.00	\$178.20	
PC Programming kit, includes software & inter-face cable, for Base Tech III	91-1480	45%	\$324.00	\$178.20	
Base Tech II Programming CD	71-1480CD	45%	\$150.00	\$82.50	
P25 Base Tech III Programming CD	91-1480CD	45%	\$150.00	\$82.50	
Service Manual, 71-0150 and 71-0110	71-015000	45%	\$60.00	\$33.00	
Service Manual, 71-3050 and 71-3110	71-135000	45%	\$60.00	\$33.00	
Service Manual 71-4050 and 71-4110	71-405000	45%	\$60.00	\$33.00	
Service Manual 91-1110B	680-100-2022	45%	\$60.00	\$33.00	
Analog Base Tech II Programming Interface Cable	71-1303	45%	\$30.00	\$16.50	
Base Tech III Programming Interface Cable	91-1303B	45%	\$180.00	\$99.00	
Factory Assemble Test and Tune	97-2905	45%	\$554.00	\$304.70	

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PL 5000 Series Portables

FEATURES

- 5 Watts TX Power UHF and VHF
- 32 Channels (16 per Channel Bank)
- Programmable CTCSS / DCS Tones
- Programmable Two-Tone Decode with Audible Alarm
- VOX Operation
- Programmable 12.5 / 25kHz by Channel
- 8 - Character Alphanumeric Display with Scrolling Function
- MIL-STD-810F Approved

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
VHF/ 5 Watt, 148-174 MHz; Includes Battery, Antenna and Belt Clip	PL-5161	45%	\$269.00	\$147.95
UHF/ 5 Watt, 450-490 MHz; Includes Battery, Antenna and Belt Clip	PL-5164	45%	\$269.00	\$147.95
Antenna				
VHF Helical Antenna, SMA (Green 136-146MHz)	ACC-136	45%	\$18.00	\$9.90
VHF Helical Antenna, SMA (Yellow 146-155MHz)	ACC-155	45%	\$18.00	\$9.90
VHF Helical Antenna, SMA (Black 154-164MHz)	ACC-154	45%	\$18.00	\$9.90
VHF Helical Antenna, SMA (Blue 163-174MHz)	ACC-163	45%	\$18.00	\$9.90
UHF Antenna, 6" 450-490 MHz, SMA	ACC-145	45%	\$18.00	\$9.90
Battery				
1650mAh NiMH (Nickel Metal Hydride) Battery	ACC-202	45%	\$48.00	\$26.40
Battery Charger				
Single Unit Rapid Rate "Smart" Desktop Battery Charger (requires charger cup sold separately)	ACC-470	45%	\$72.00	\$39.60
Single Unit Standard Rate Desktop Battery Charger (requires charger cups sold separately)	ACC-480	45%	\$24.00	\$13.20
Dual Unit "Smart / Standard" Desktop Battery Charger (requires 2 charger cups sold separately)	ACC-490	45%	\$90.00	\$49.50
Charger Cup Adapter for ACC-202 Battery	ACC-471	45%	\$6.00	\$3.30
Charger Cup Adapter for ACC-207 Battery	ACC-474	45%	\$6.00	\$3.30

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DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
2-Pin to 1-Pin Accessory Adapter	ACC-506	45%	\$20.00	\$11.00
Ultra-light Headset with VOX / PTT Switch	ACC-616(V)	45%	\$28.00	\$15.40
Dual Cup Behind-the Head Headset	ACC-628	45%	\$558.00	\$306.90
Speaker Microphone with Locking Connector and Audio Earphone Jack	ACC-714	45%	\$36.00	\$19.80
Ear Hook Speaker Microphone with PTT and Locking Connector	ACC-715	45%	\$26.00	\$14.30
Portable Carry Case Accessories				
Leather Case with Swivel Clip	ACC304B	45%	\$44.00	\$24.20
Nylon Case with Belt Clip	ACC-305	45%	\$26.00	\$14.30
Nylon Case with Swivel Clip	ACC-307	45%	\$31.00	\$17.05
Spring Loaded Belt Clip	550-070-2001	45%	\$8.00	\$4.40
Service Items				
PC Software (Windows® 98 or later) on CD ROM	ACC-906CD	45%	\$44.00	\$24.20
PC Programming Interface Cable	ACC-2004	45%	\$58.00	\$31.90
PL-5000 Series Service Manual	680-100-2010	45%	\$34.00	\$18.70
Factory Programming	95-4010	45%	\$85.00	\$46.75

OLYMPIAN Series Analog Mobile Radios

FEATURES

70 Watts VHF TX Output Power
45 Watts UHF TX Output Power
8-Character Alpha-Numeric Display
8, or 128 Channel Models Available
Programmable CTCSS / DCS Codes
6 - Programmable Soft Keys
Programmable Options

Multiple Scan Functions
Two-Tone Encode / Decode
Dynamic Banking (Up to 8 Banks)
Programmable 12.5 / 25kHz by Channel
DB-15 Data Interface Connector
Meets MIL-STD-810F

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
VHF/ 70 Watt, 8 Channel, 136-174 MHz; Includes Microphone, DC Power Supply Cable, and Mounting Hardware	MO-7008	45%	\$439.95	\$241.97
VHF/ 70 Watt, 128 Channel, 136-174 MHz; Includes Microphone, DC Power Supply Cable, and Mounting Hardware	MO-7128	45%	\$459.95	\$252.97
UHF/ 45 Watt, 128 Channel, 430-470 MHz; Includes Microphone, DC Power Supply Cable, and Mounting Hardware	MO-4128	45%	\$399.00	\$219.45
Microphones				
Heavy Duty, Standard Replacement, Mobile Microphone	ACC-4473	45%	\$64.00	\$35.20
Heavy Duty Remote Speaker	AA-1470A	45%	\$34.00	\$18.70
Heavy Duty DTMF Mobile Microphone	ACC-709	45%	\$120.00	\$66.00
Power Supply				
Power Supply, 110 / 220V AC, 18 Amp, 50% Duty	LP-18	45%	\$296.00	\$162.80
Service Items				
PC Software (Windows® 98 or later) on CD ROM	ACC-911CD	45%	\$44.00	\$24.20
PC Programming Interface Cable	ACC-2100	45%	\$58.00	\$31.90
MO Olympian Series Service Manual	680-100-2017	45%	\$34.00	\$18.70
MO Series Mobile Mounting Bracket Kit	480-020-0073	45%	\$29.37	\$16.15
MO Series Mobile Replacement DC Power Cord	950-040-0031	45%	\$29.67	\$16.32
Ignition Sense Kit	70-2272	45%	\$55.00	\$30.25
Factory Programming (Each)	94-4010	45%	\$85.00	\$46.75
DTMF Decoder Option Kit	ACC-502	45%	\$100.00	\$55.00

ML-3200 Series Analog Mobile Radios

FEATURES

45 Watts VHF TX Output Power
40 Watts UHF TX Output Power
8-Character Alpha-Numeric Display
32 Channels, with 7 NOAA Weather Channels
Programmable CTCSS / DCS Codes
VOX Operation
External Squelch Control

Multiple Scan Functions
Two-Tone Encode / Decode
Receives All Hazards 1050 Hz Tone
Programmable 12.5 / 25kHz by Channel
DB-15 Data Interface Connector
Meets MIL-STD-810F

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
VHF/ 45 Watt, 148-174 MHz; Includes Microphone, DC Power Supply Cable, and Mounting Hardware	ML-3215	45%	\$319.00	\$175.45
UHF/ 40 Watt, 450-490 MHz; Includes Microphone, DC Power Supply Cable, and Mounting Hardware	ML-3245	45%	\$319.00	\$175.45
Microphones				
Heavy Duty, Standard Replacement, Mobile Microphone	ACC-4473	45%	\$64.00	\$35.20
Heavy Duty Remote Speaker	AA-1470A	45%	\$34.00	\$18.70
Heavy Duty DTMF Mobile Microphone	ACC-709	45%	\$120.00	\$66.00
Power Supply				
Power Supply, 110 / 220V AC, 18 Amp, 50% Duty	LP-18	45%	\$296.00	\$162.80
Service Items				
PC Software (Windows® 98 or later) on CD ROM	ACC-907CD	45%	\$44.00	\$24.20
PC Programming Interface Cable	ACC-2032	45%	\$58.00	\$31.90
ML-3200 Service Manual	680-100-2013	45%	\$34.00	\$18.70
ML-3200 Mobile Replacement DC Power Cord	950-040-0013	45%	\$24.00	\$13.20
Factory Programming (Each)	94-4010	45%	\$85.00	\$46.75

Midland ER102 Emergency Crank Weather Alert Radio

FEATURES

- Dynamic Crank
- NOAA All Hazards Alert Weather
- Backlit LCD
- AM/FM Radio
- Clock with Alarm
- Water Resistant
- Alert Override
- Visual Alert
- Freeze Alert
- Flashlight
- 3 Types of Power
- Cell Phone Charger

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
Emergency Crank Weather Alert Radio (package includes Radio, AC Adapter and Owner's Manual)	ER102	45%	\$55.95	\$30.77

Midland WR100 All-Hazard Weather Alert Radio

FEATURES

- S.A.M.E Technology
- AA Battery Backup System
- Easy Scroll-Through Programming
- Alert Override Automatically Switches from Radio to Alerts
- Alarm Clock with Snooze
- Over 60 Emergency Alerts such as hazardous weather & local alerts
- Up-to-date Weather Information Direct from the Weather Service

DESCRIPTION	MODEL	Customer Discount %	MSRP	Customer Price
All Hazard Weather Alert Radio ((includes Radio, AC Power Adapter, Owner's Manual)	WR100	45%	\$39.99	\$21.99

Optional Accessories

DIR Final Price Catalog.xls

Window Mount Antenna	18-259W	45%	\$21.95	\$12.07
Strobe Light	18-STR	45%	\$19.99	\$10.99