

Line Item Information with Salient Characteristics

ITEM NUMBER	DESCRIPTION OF SUPPLIES/SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
0001	<p>DIGITAL PORTABLE RADIO</p> <p>Model: APX7000 Manufacturer: Motorola</p> <p>OR EQUAL</p> <p>Salient Characteristics:</p> <ol style="list-style-type: none"> 1. Must offer a radio which meets the standards set forth in Association of Public-Safety Communications Officials (APCO) Project 25 (P25 Standards). 2. Radio offered must be fully compatible and functional with existing VA equipment used at the Malcolm Randall VA Medical Center. <ol style="list-style-type: none"> a. Malcolm Randall VA Medical Center site controllers are GCP 8000. The GCP 8000 interfaces via multiple Ethernet Local Area Network (LAN) switches, and provides access to the packet switched network via the redundantly configured core gateways. b. Compatible with Motorola K-2 Core, Project 25 encryption, supporting 12.5 KHz analog operation and P25 12.5 KHz conventional channels, IP based. c. With ability to establish talk groups on conventional channels. d. Connectivity via Local 	15	EA		

	Area Network (LAN) switches for all servers, clients and gateways to connect to the core network. Compatible for redundant Local Area Network. LAN Switches aggregate all Ethernet interfaces for all servers, clients and routers.				
0002	ADD: Very High Frequency (VHF) PRIMARY BAND Required for equipment offered in CLIN 0001	15	EA		
0003	ADD: 7/800 MHZ SECONDARY BAND Required for equipment offered in CLIN 0001	15	EA		
0004	ADD: LARGE COLOR DISPLAY AND FULL KEYPAD Required for equipment offered in CLIN 0001	15	EA		
0005	ADD: ASTRO. DIGITAL CAI (COMMON AREA INTERFACE) OPERATION Required for equipment offered in CLIN 0001	15	EA		
0006	ADD: ENABLE DUAL BAND OPERATION Required for equipment offered in CLIN 0001	15	EA		
0007	ENH: AES/DES, DES/XL, DES-OFB Required for equipment offered in CLIN 0001	15	EA		
0008	ADD: SMART ZONE OPERATION Required for equipment offered in CLIN 0001	15	EA		
0009	ADD: P25 9600 BAUD TRUNKING Required for equipment offered in CLIN 0001	15	EA		

0010	IMPRES Remote Speaker Microphone display with Jack and with Channel Selector Required for equipment offered in CLIN 0001	15	EA		
0011	IMPRES Single Unit Car Charger Required for equipment offered in CLIN 0001	3	EA		
0012	IMPRES MULTI UNIT CHARGER WITH DISPLAY Required for equipment offered in CLIN 0001	2	EA		
0013	GTR 8000 BASE RADIO Model: GTR 8000 Manufacturer: Motorola OR EQUAL Salient Characteristics: 1. Must offer a radio which meets the standards set forth in Association of Public-Safety Communications Officials (APCO) Project 25 (P25 Standards). 2. Radio offered must be fully compatible and functional with existing VA equipment used at the Malcolm Randall VA Medical Center. <ul style="list-style-type: none"> a. Malcolm Randall VA Medical Center site controllers are GCP 8000. The GCP 8000 interfaces via multiple Ethernet Local Area Network (LAN) switches, and provides access to the packet switched network via the redundantly configured core gateways. b. Compatible with Motorola K-2 Core, Project 25 encryption, supporting 12.5 KHz analog 	1	EA		

	<p>operation and P25 12.5 KHz conventional channels, IP based.</p> <p>c. With ability to establish talk groups on conventional channels.</p> <p>d. Connectivity via Local Area Network (LAN) switches for all servers, clients and gateways to connect to the core network. Compatible for redundant Local Area Network. LAN Switches aggregate all Ethernet interfaces for all servers, clients and routers.</p>				
0014	<p>ADD: VHF (136-174 MHZ)</p> <p>Required for equipment offered in CLIN 0013</p>	1	EA		
0015	<p>ADD: POWER EFFICIENCY PACKAGE</p> <p>Required for equipment offered in CLIN 0013</p>	1	EA		
0016	<p>ADD: CONVENTIONAL SOFTWARE</p> <p>Required for equipment offered in CLIN 0013</p>	1	EA		
0017	<p>ADD: DUPLEXER, 158-174 MHZ</p> <p>Required for equipment offered in CLIN 0013</p>	1	EA		
0018	<p>ADD: RACK MOUNT HARDWARE</p> <p>Required for equipment offered in CLIN 0013</p>	1	EA		
0019	<p>BASE RADIO PRESELECTOR, 150-174 MHZ</p> <p>Required for equipment offered in CLIN 0013</p>	1	EA		
0020	<p>Omnidirectional Antenna and 300ft of 7/8" cable.</p> <p>Manufacturer: Motorola Radio Model: GTR 8000 Item Number: 13120</p> <p>OR EQUAL</p>	1	EA		

	<p>Salient Characteristics:</p> <p>Whip fiberglass antenna 8.8 feet long Frequency range, 118-174 MHZ with 3 decibel gain Cable, 7/8", length of 300 feet needed</p>				
0021	<p>EQUIPMENT RACK</p> <p>Required for equipment offered in CLIN 0013</p>	1	EA		
0022	<p>Multiband Consolette to be used for inoperability.</p>	1	EA		
0023	<p>Omnidirectional Antennas (mounted outside not Roof mounted)</p> <ul style="list-style-type: none"> • Motorola Item # HAD 4017A, VHF Primary Band • Motorola Item # HAF 4017A, 7/800 MHZ Secondary Band <p>Manufacturer: Motorola</p> <p>OR EQUAL</p> <p>Salient Characteristics:</p> <p>Both antennas are "wire whip antennas" approximately 2' long Cable, 1/2" 100 feet each antenna, total of 200 feet of cable.</p>	2	EA		
0024	<p>Instillation and System Integration</p>	1	EA		