

# CIVIL AIR PATROL

STATEWIDE INTEROPERABLE RADIO NETWORK (SIRN) REQUIREMENTS



Lt Col Sean Johnson  
Wing Director of Operations

NORTH  
**Dakota**  
Be Legendary.



# BOTTOM LINE UP FRONT

- Can reduce SIRN One Time Funding ask to \$206,426 (17% reduction)
- Original ask based on the Motorola APXNext Radio
  - SIRN Compatible
  - Live Streaming
  - SMS
  - Asset Geolocation
- Very recent feedback indicates APXNext not suitable
- Pivot to APX 6000





# PER UNIT COST ANALYSIS – APX 6000



Item Number	Description	Unit List Price	State Contract Price	Ext. Sale Price
<b>APX™ 6000 Series</b>				
H98UCF9PW6BN	APX6000 700/800MHz Model 2.5 Portable*	\$3,667.00	\$2,157.00	\$2,157.00
G996AU	Over The Air Programming (OTAP) Over P25	\$110.00	\$66.00	\$66.00
Q361AR	P25 9600 Baud Trunking	\$330.00	\$198.00	\$198.00
QA09008AA	Group Services Reprogramming	\$165.00	\$99.00	\$99.00
QA09001AB	WiFi Access	\$330.00	\$198.00	\$198.00
H38BT	Smartzone Operation	\$1,320.00	\$792.00	\$792.00
Q806BM	Astro Digital Common Air Interface (CAI) Operation	\$567.00	\$340.20	\$340.20
PMMN4065A	Microphone, Impres RSM, IP57	\$106.70	\$80.03	\$80.03
NNTN8860A	Charger, Single-unit, Impres 2, 3a, 115vac, Us/Na	\$186.50	\$98.91	\$98.91

**Cost Per Unit**

**\$4,029.14**

\*Incl Time Division Multiplexed Access (TDMA) Operation, 5 Year Essential Service, No encryption, Battery



# FIELDING COST

Item	Quantity	Measure	Unit	Total
Aircraft Radios	7	EA	\$ 4,029.14	\$ 28,203.98
Aircraft Backup/Donor Radio	1	EA	\$ 4,029.14	\$ 4,029.14
Wing HQ/State Emergency Operations Center Radio	1	EA	\$ 4,029.14	\$ 4,029.14
Key Vehicle Radios	5	EA	\$ 4,029.14	\$ 20,145.70
Incident Commanders/Incident Command Posts Radios	5	EA	\$ 4,029.14	\$ 20,145.70
Radio Accessories	20	EA	\$ 250.00	\$ 5,000.00
Aircraft Compatibility	8	EA	\$ 12,650.00	\$ 101,200.00
10% Contingency	1	LS	\$ 18,673.00	\$ 18,673.00
Training	1	LS	\$ 5,000.00	\$ 5,000.00
<b>Fielding Cost</b>				<b>\$ 206,426.66</b>