

From: [Brian Yamaguchi](#)
To: [City Clerk](#)
Cc: [Brian Yamaguchi](#)
Subject: Public Comment - Monrovia City Council Meeting 1/18/2022 Agenda Item CC-9 "Purchase of Five (5) Motorola APX 8000 All-Band Portable Radios from Motorola in the Amount of \$52,166.60"
Date: Tuesday, January 18, 2022 12:06:12 PM
Attachments: [Charlotte NC - Pricing - Motorola Solutions .pdf](#)
[Motorola Utah Bundle Pricing Sheet Summary.pdf](#)
[North Dakota Radio Pricing.pdf](#)

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Dear Councilmembers,

Using Homeland Security Grant Program funds to purchase Motorola all-band portable radios sounds like a very good idea. Procuring them for \$10,433.32 each sounds extraordinarily high. It may be worth it to look at another vendor that can supply the same model radio for a more reasonable price or bundle the purchase of the radios with another local public safety agency to get better pricing.

Charlotte, North Carolina is getting them for \$4,581.75 each:

| MOTOROLA APX 8000 SERIES PORTABLE RADIOS | | | | | | | |
|--|-----------|--------------|---------------|-------------|-----------------------|--------------------|-------------------|
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| APX 8000 All Band | Model 1.5 | H91TGD9PW5AN | H91TGD9PW5AN | \$ 4,094.25 | \$ 4,206.75 | \$ 112.50 | 2.75% |
| APX 8000 All Band | Model 2.5 | H91TGD9PW6AN | H91TGD9PW6AN | \$ 4,244.25 | \$ 4,356.75 | \$ 112.50 | 2.65% |
| APX 8000 All Band | Model 3.5 | H91TGD9PW7AN | H91TGD9PW7AN | \$ 4,469.25 | \$ 4,581.75 | \$ 112.50 | 2.52% |
| MOTOROLA APX 8000 SERIES ACCESSORIES | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| Programming Cable | | PMKN4012B | PMKN4012B | \$ 70.84 | \$ 70.84 | \$ - | 0.00% |
| Antenna | | PMA54001 | PMA54001 | \$ 23.87 | \$ 23.87 | \$ - | 0.00% |

Utah is getting them for \$4,155.01 each:

APX PORTABLE RADIO BUNDLE OPTIONS

| RADIO MODEL | MODEL NUMBER | PORTABLE RADIO BUNDLE DESCRIPTION | BUNDLE PRICE |
|-------------------|--------------|--|--------------|
| APX900 MODEL 2 | H92UCF9PW6 N | APX 900 7/800 MHZ MODEL 2 PORTABLE, TDMA, P25 9600/3600 COMPATIBLE, IMPRES BATTERY PMNN4491B 2100 MAH LI-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER PMPN4147A **ENCRYPTION ADDITION MUST BE SELECTED AT TIME OF PURCHASE RADIOS CANNOT BE UPGRADED AFTER SHIPMENT** | \$1,600.00 |
| APX4000 MODEL 2 | H51UCF9PW6 N | APX4000 7/800 MHZ MODEL 2 PORTABLE, P25 9600/3600 COMPATIBLE, IMPRES BATTERY NNTN8128 2100 MAH LI-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$2,072.55 |
| APX6000 MODEL 2.5 | H98UCF9PW6BN | APX6000 7/800 MHZ MODEL 2.5 PORTABLE, P25 9600/3600 INTEROPERABLE, IMPRES BATTERY 2550 MAH LI-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$2,537.00 |
| APX6000 MODEL 3.5 | H98UCH9PW7BN | APX6000 7/800 MHZ MODEL 3.5 PORTABLE, P25 9600/3600 INTEROPERABLE, IMPRES BATTERY 2550 MAH LI-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$2,787.00 |
| APX8000 MODEL 2.5 | H91TGD9PW6 N | APX8000 VHF/700/800 MHZ MODEL 2.5 PORTABLE (UHF CAN REPLACE VHF BAND IF NEEDED), P25 9600/3600 INTEROPERABLE, IMPRES BATTERY 2500 MAH LI-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$4,000.51 |
| APX8000 MODEL 3.5 | H91TGD9PW7 N | APX8000 VHF/700/800 MHZ MODEL 3.5 PORTABLE (UHF CAN REPLACE VHF BAND IF NEEDED), P25 9600/3600 INTEROPERABLE, IMPRES BATTERY 3400 MAH LI-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$4,155.01 |

North Dakota is getting them for \$5,389.52 each:

PORTABLE/HANDHELD MODELS

| Suggested Market | Radio | Included hardware, software and feature part numbers | State Contract Price |
|------------------------------|-------------------|--|----------------------|
| Public Works | APX900 | H98UCF29PW6AN, *QA0496, *QA00580, Q887, PMMN4491, PMPN4147, PMMN4069 | \$ 1,719.86 |
| Fire | APX1000 | H84UCF9PW6AN, *QA4086, *Q00580, Q887, NNTN8128, PMPN4147, PMMN4069 | \$ 1,719.86 |
| Fire | APX4000 | H51UCF9PW6AN, *QA2756, *QA00580, Q887, QA04865, NNTN8128, PMPN4147, PMMN4069 | \$ 2,238.86 |
| Law Enforcement | APX6000 | H98UCF9PW6BN, *Q361, *H38, *QA00580, *Q806, Q887, PMMN4485, NNTN8860, PMMN4065 | \$ 3,286.32 |
| Law Enforcement | APX6000-Encrypted | H98UCF9PW6BN, *Q361, *H38, *QA00580, *Q806, Q887, PMMN4485, NNTN8860, PMMN4065, *Q629, *Q498 | \$ 4,015.32 |
| Hazmat / FIRE | APX6000 XE | H98UCF9PW6BN, QA02006, *Q361, *H38, *QA00580, *Q806, Q887, PMMN4485, NNTN8860, PMMN4065 | \$ 4,495.32 |
| Multiband 800mhz/VHF Fire/LE | APX8000 | H91TGD9PW6AN, *Q806, *Q361, *H38, PMMN4086, *QA0580, QA05509, Q887, NNTN8860, PMMN4065 | \$ 4,660.52 |
| Multiband 800mhz/VHF Fire/LE | APX8000-Encrypted | H91TGD9PW6AN, *Q806, *Q361, *H38, PMMN4086, *QA0580, QA05509, Q887, NNTN8860, PMMN4065, *Q629, *Q498 | \$ 5,389.52 |

MPD may be able to get ten radios instead of five with the same funds.

Sincerely,
Brian Yamaguchi

**MOTOROLA SOLUTIONS - CCPA CONTRACT 2017000064
PORTABLE RADIOS AND ACCESSORIES - PRICING SHEET**

| MOTOROLA APX 1000 SERIES PORTABLE RADIOS | | | | | | | |
|--|-------------------|--------------|---------------|-------------|-----------------------|--------------------|-------------------|
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| APX 1000 7/800 MHZ | Model 1.5 | H84UCD9PW5AN | H84UCD9PW5AN | \$ 900.00 | \$ 1,012.50 | \$ 112.50 | 12.50% |
| APX 1000 VHF | Model 1.5 | H84KDD9PW5AN | H84KDD9PW5AN | \$ 900.00 | \$ 1,012.50 | \$ 112.50 | 12.50% |
| APX 1000 UHF | Model 1.5 | H84QDD9PW5AN | H84QDD9PW5AN | \$ 900.00 | \$ 1,012.50 | \$ 112.50 | 12.50% |
| APX 1000 7/800 MHZ | Model 2 | H84UCF9PW6AN | H84UCF9PW6AN | \$ 1,050.00 | \$ 1,162.50 | \$ 112.50 | 10.71% |
| APX 1000 VHF | Model 2 | H84KDF9PW6AN | H84KDF9PW6AN | \$ 1,050.00 | \$ 1,162.50 | \$ 112.50 | 10.71% |
| APX 1000 UHF | Model 2 | H84QDF9PW6AN | H84QDF9PW6AN | \$ 1,050.00 | \$ 1,162.50 | \$ 112.50 | 10.71% |
| APX 1000 7/800 MHZ | Model 3 | H84UCH9PW7AN | H84UCH9PW7AN | \$ 1,200.00 | \$ 1,312.50 | \$ 112.50 | 9.38% |
| APX 1000 VHF | Model 3 | H84KDH9PW7AN | H84KDH9PW7AN | \$ 1,200.00 | \$ 1,312.50 | \$ 112.50 | 9.38% |
| APX 1000 UHF | Model 3 | H84QDH9PW7AN | H84QDH9PW7AN | \$ 1,200.00 | \$ 1,312.50 | \$ 112.50 | 9.38% |
| MOTOROLA APX 1000 SERIES ACCESSORIES | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| Programming Cable | | Q157AK | Q157AK | \$ 56.25 | \$ 56.25 | \$ - | 0.00% |
| Antenna HLCL,136MHZ MIN,1.577GHZ | | NAR6593A | NAR6593A | \$ 29.26 | \$ 29.26 | \$ - | 0.00% |
| IMPRES LIION IP67 2800T Battery | | PMNN4448AR | PMNN4448AR | \$ 97.79 | \$ 97.79 | \$ - | 0.00% |
| IMPRES LI-ION 2700MAH Battery | | QA04146AA | QA04146AA | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| IMPRES LIION 2000T Battery | | NNTN8128BR | NNTN8128BR | \$ 78.54 | \$ 78.54 | \$ - | 0.00% |
| Battery Charger (Single Bay) | | WPLN4232A | WPLN4232A | \$ 48.51 | \$ 53.32 | \$ 4.81 | 9.92% |
| Battery Charger (Multiple Bay) | | WPLN4212B | WPLN4212B | \$ 381.15 | \$ 381.15 | \$ - | 0.00% |
| Remote Speaker Microphone | | PMMN4062A | PMMN4062A | \$ 82.39 | \$ 82.39 | \$ - | 0.00% |
| Remote Speaker Microphone with Antenna | | PMMN4059B | PMMN4059B | \$ 126.28 | \$ 126.28 | \$ - | 0.00% |
| Headset (Wired) | | RMN5058A | RMN5058A | \$ 69.30 | \$ 69.30 | \$ - | 0.00% |
| Headset (Wireless/Bluetooth) | | NNTN8442A | NNTN8442A | \$ 269.50 | \$ 269.50 | \$ - | 0.00% |
| Carry Case | | PMLN6085 | PMLN6085 | \$ 46.20 | \$ 46.20 | \$ - | 0.00% |
| 2.5 in Belt Clip | | Q698AA | Q698AA | \$ 9.00 | \$ 9.00 | \$ - | 0.00% |
| 4 Year Service from the Start Lite | | Q887AT | Q887AT | \$ 162.00 | \$ 162.00 | \$ - | 0.00% |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| 3 Year Service from the Start Lite | | H886AQ | H886AQ | \$ 125.00 | \$ 84.00 | \$ (41.00) | -32.80% |
| Programming Over P25 | | G996AZ | G996AZ | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| Multikey | | H869CQ | H869CQ | \$ 56.25 | \$ 56.25 | \$ - | 0.00% |
| TDMA Operation | | QA00580AF | QA00580AF | \$ 337.50 | \$ 337.50 | \$ - | 0.00% |
| Digital Tone Signaling | | QA09000AA | QA09000AA | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| P25 Conventional | | QA04097AA | QA04097AA | \$ 262.50 | \$ 262.50 | \$ - | 0.00% |
| MOTOROLA APX 1000 SERIES REQUIRED OPTIONS | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| P25 9600 Baud Trunking | | QA04096AA | QA04096AA | \$ 802.50 | \$ 802.50 | \$ - | 0.00% |
| MOTOROLA APX 1000 SERIES RECOMMENDED OPTIONS | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| ADP Encryption | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |

**MOTOROLA SOLUTIONS - CCPA CONTRACT 2017000064
PORTABLE RADIOS AND ACCESSORIES - PRICING SHEET**

| MOTOROLA APX 4000 SERIES PORTABLE RADIOS | | | | | | | |
|--|------------------------------------|--------------|---------------|-------------|-----------------------|--------------------|-------------------|
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| APX 4000 7/800 MHZ | Model 2 | H51UCF9PW6AN | H51UCF9PW6AN | \$ 1,317.00 | \$ 1,429.50 | \$ 112.50 | 8.54% |
| APX 4000 VHF | Model 2 | H51KDF9PW6AN | H51KDF9PW6AN | \$ 1,317.00 | \$ 1,429.50 | \$ 112.50 | 8.54% |
| APX 4000 UHF | Model 2 | H51QDF9PW6AN | H51QDF9PW6AN | \$ 1,317.00 | \$ 1,429.50 | \$ 112.50 | 8.54% |
| APX 4000 7/800 MHZ | Model 3 | H51UCH9PW7AN | H51UCH9PW7AN | \$ 1,629.00 | \$ 1,741.50 | \$ 112.50 | 6.91% |
| APX 4000 VHF | Model 3 | H51KDH9PW7AN | H51KDH9PW7AN | \$ 1,629.00 | \$ 1,741.50 | \$ 112.50 | 6.91% |
| APX 4000 UHF | Model 3 | H51QDH9PW7AN | H51QDH9PW7AN | \$ 1,629.00 | \$ 1,741.50 | \$ 112.50 | 6.91% |
| MOTOROLA APX 4000 SERIES ACCESSORIES | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| Programming Cable | | PMKN4012B | PMKN4012B | \$ 70.84 | \$ 70.84 | \$ - | 0.00% |
| Antenna | | NAF5085 | NAF5085 | \$ 35.00 | \$ 34.65 | \$ (0.35) | -1.00% |
| Impres Li-Ion 2700MAH Battery | | QA02750AB | QA02750AB | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| Battery Charger (Single Bay) | | WPLN4232A | WPLN4232A | \$ 48.51 | \$ 53.32 | \$ 4.81 | 9.92% |
| Battery Charger (Multiple Bay) | | WPLN4212B | WPLN4212B | \$ 381.15 | \$ 381.15 | \$ - | 0.00% |
| CHR IMP VEH EXT EU | | NNTN7616D | NNTN7616D | \$ 292.60 | \$ 321.86 | \$ 29.26 | 10.00% |
| Travel Charger | | NNTN8525A | NNTN8525A | \$ 73.15 | \$ 73.15 | \$ - | 0.00% |
| Remote Speaker Microphone | | PMMN4062A | PMMN4062A | \$ 82.39 | \$ 90.86 | \$ 8.47 | 10.28% |
| Remote Speaker Microphone with Antenna | | PMMN4059B | PMMN4059B | \$ 126.28 | \$ 126.28 | \$ - | 0.00% |
| Headset (Wired) | | RMN5058A | RMN5058A | \$ 69.30 | \$ 69.30 | \$ - | 0.00% |
| Headset (Wireless/Bluetooth) | | NNTN8442A | NNTN8442A | \$ 269.50 | \$ 269.50 | \$ - | 0.00% |
| Carry Case | | PMLN7182A | PMLN7182A | \$ 46.20 | \$ 46.20 | \$ - | 0.00% |
| 2.5 in Belt Clip | | Q698AA | Q698AA | \$ 9.00 | \$ 9.00 | \$ - | 0.00% |
| 4 Year Service from the Start Lite | | Q887AT | Q887AT | \$ 162.00 | \$ 162.00 | \$ - | 0.00% |
| 3 Year Service from the Start Lite | | H886AQ | H886AQ | \$ 125.00 | \$ 84.00 | \$ (41.00) | -32.80% |
| Two Knob Configuration | | QA04865AA | QA04865AA | \$ - | \$ - | \$ - | 0.00% |
| MultiKey | | H869CE | H869CE | \$ 247.50 | \$ 247.50 | \$ - | 0.00% |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| TDMA | | QA00580AF | QA00580AF | \$ 337.50 | \$ 337.50 | \$ - | 0.00% |
| Digital Tone Signaling | | QA09000AA | QA09000AA | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| P25 Conventional | | Q811BR | Q811BR | \$ 487.50 | \$ 487.50 | \$ - | 0.00% |
| Analog Conventional | | QA02829AB | QA02829AB | \$ 300.00 | \$ 300.00 | \$ - | 0.00% |
| Extreme Noise Reduction | | QA01833AD | QA01833AD | \$ 18.75 | \$ 18.75 | \$ - | 0.00% |
| Mandown Operation | | QA01843AE | QA01843AE | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| Enhanced Data | | QA03399AA | QA03399AA | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| Submersible Delta T | | H499JU | H499JU | \$ 250.00 | \$ 187.50 | \$ (62.50) | -25.00% |
| MOTOROLA APX 4000 SERIES REQUIRED OPTIONS | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| SmartZone Operation | Included in Digital Tone Signaling | | | \$ - | \$ - | \$ - | 0.00% |
| P25 9600 Baud Trunking | | QA02756AB | QA02756AB | \$ 1,177.50 | \$ 1,177.50 | \$ - | 0.00% |
| MOTOROLA APX 4000 SERIES RECOMMENDED OPTIONS | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| ADP Encryption | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Integrated Voice & Data (IV&D) | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Integrated GPS | | QA00782AF | QA00782AF | \$ 112.50 | \$ - | \$ (112.50) | -100.00% |
| Advanced System Key (ASK) | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Radio Authentication | | QA01767AW | QA01767AW | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| Programming Over P25 (OTAP) | | G996AZ | G996AZ | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| Bluetooth | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |

**MOTOROLA SOLUTIONS - CCPA CONTRACT 2017000064
PORTABLE RADIOS AND ACCESSORIES - PRICING SHEET**

| MOTOROLA APX 6000 SERIES PORTABLE RADIOS | | | | | | | |
|--|-------------------|--------------|---------------|-------------|-----------------------|--------------------|-------------------|
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| APX 6000 7/800 MHZ | Model 1.5 | H98UCD9PW5AN | H98UCD9PW5AN | \$ 1,707.00 | \$ 1,969.50 | \$ 262.50 | 15.38% |
| APX 6000 VHF | Model 1.5 | H98KGD9PW5AN | H98KGD9PW5AN | \$ 1,707.00 | \$ 1,969.50 | \$ 262.50 | 15.38% |
| APX 6000 UHF | Model 1.5 | H98QDD9PW5AN | H98QDD9PW5AN | \$ 1,707.00 | \$ 1,969.50 | \$ 262.50 | 15.38% |
| APX6000 7/800 MHZ | Model 2.5 | H98UCF9PW6AN | H98UCF9PW6AN | \$ 1,941.00 | \$ 2,203.50 | \$ 262.50 | 13.52% |
| APX 6000 VHF | Model 2.5 | H98KGF9PW6AN | H98KGF9PW6AN | \$ 1,941.00 | \$ 2,203.50 | \$ 262.50 | 13.52% |
| APX6000 UHF | Model 2.5 | H98QDF9PW6AN | H98QDF9PW6AN | \$ 1,941.00 | \$ 2,203.50 | \$ 262.50 | 13.52% |
| APX 6000 7/800 MHZ | Model 3 | H98UCH9PW7AN | H98UCH9PW7AN | \$ 2,253.00 | \$ 2,515.50 | \$ 262.50 | 11.65% |
| APX 6000 VHF | Model 3 | H98KGH9PW7AN | H98KGH9PW7AN | \$ 2,253.00 | \$ 2,515.50 | \$ 262.50 | 11.65% |
| APX 6000 UHF | Model 3 | H98QDH9PW7AN | H98QDH9PW7AN | \$ 2,253.00 | \$ 2,515.50 | \$ 262.50 | 11.65% |
| MOTOROLA APX 6000 SERIES ACCESSORIES | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| Programming Cable | | PMKN4012B | PMKN4012B | \$ 70.84 | \$ 70.84 | \$ - | 0.00% |
| APX GPS Stubby Antenna | | NAG4000A | NAG4000A | \$ 13.86 | \$ 13.86 | \$ - | 0.00% |
| APX Antenna 136MHZ, 1.577GHZ | | NAR6593A | NAR6593A | \$ 29.26 | \$ 29.26 | \$ - | 0.00% |
| STD IP67 LIION2050M 2150T Battery | | PMNN4403B | PMNN4403B | \$ 97.79 | \$ 97.79 | \$ - | 0.00% |
| LIION IMPRES IP67 2900MAH Battery | | QA01837AA | QA01837AA | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| IMPRES LIION IP67 3100T Battery | | NNTN7038B | NNTN7038B | \$ 109.34 | \$ 119.35 | \$ 10.01 | 9.15% |
| Battery Charger (Single Bay) | | WPLN7080A | WPLN7080A | \$ 96.25 | \$ 115.50 | \$ 19.25 | 20.00% |
| Battery Charger (Multiple Bay) | | NNTN7065B | NNTN7065B | \$ 606.76 | \$ 606.76 | \$ - | 0.00% |
| Battery Charger (Vehicular) | | NNTN7624B | NNTN7624B | \$ 300.30 | \$ 300.30 | \$ - | 0.00% |
| APX Travel Charger | | RLN6434A | RLN6434A | \$ 77.77 | \$ 85.47 | \$ 7.70 | 9.90% |
| Remote Speaker Microphone | | PMMN4062A | PMMN4062A | \$ 82.39 | \$ 90.86 | \$ 8.47 | 10.28% |
| Remote Speaker Microphone with Antenna | | PMMN4059B | PMMN4059B | \$ 126.28 | \$ 126.28 | \$ - | 0.00% |
| Headset (Wired) | | RMN5058A | RMN5058A | \$ 69.30 | \$ 69.30 | \$ - | 0.00% |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| Headset (Wireless/Bluetooth) | | NTN2570A | NTN2570A | \$ 227.15 | \$ 250.25 | \$ 23.10 | 10.17% |
| Carry Case | | QA00779AB | QA00779AB | \$ 21.75 | \$ 21.75 | \$ - | 0.00% |
| Belt Clip | | HLN6875A | HLN6875A | \$ 9.24 | \$ 9.24 | \$ - | 0.00% |
| 4 Year Service from the Start Lite | | Q887AT | Q887AT | \$ 162.00 | \$ 162.00 | \$ - | 0.00% |
| 3 Year Service from the Start Lite | | H886AQ | H886AQ | \$ 125.00 | \$ 84.00 | \$ (41.00) | -32.80% |
| Astro Digital CAI | | Q806BM | Q806BM | \$ 386.25 | \$ 386.25 | \$ - | 0.00% |
| Multikey | | H869BZ | H869BZ | \$ 247.50 | \$ 247.50 | \$ - | 0.00% |
| TDMA | | QA00580AC | QA00580AC | \$ 337.50 | \$ 337.50 | \$ - | 0.00% |
| Digital Tone Signaling | | QA09000AA | QA09000AA | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| P25 Conventional | | H35BU | H35BU | \$ 375.00 | \$ 375.00 | \$ - | 0.00% |
| Extreme Noise Reduction | | QA01833AH | QA01833AH | \$ 18.75 | \$ 18.75 | \$ - | 0.00% |
| Man Down Operation | | QA01843AA | QA01843AA | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| Enhanced Data | | QA03399AA | QA03399AA | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| Submersible Delta T | | H499JM | H499JM | \$ 187.50 | \$ 187.50 | \$ - | 0.00% |
| APX 6000XE Rugged Option | | QA02006AA | QA02006AA | \$ 600.00 | \$ 600.00 | \$ - | 0.00% |
| IMPRES XE RSM, Green | | NNTN8203A | NNTN8203A | \$ 257.95 | \$ 284.13 | \$ 26.18 | 10.15% |
| Impact Green Housing | | QA01427AB | QA01427AB | \$ 18.75 | \$ 18.75 | \$ - | 0.00% |
| MOTOROLA APX 6000 SERIES REQUIRED OPTIONS | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| SmartZone Operation | | H38BT | H38BT | \$ 900.00 | \$ 900.00 | \$ - | 0.00% |
| P25 9600 Baud Trunking | | Q361AR | Q361AR | \$ 225.00 | \$ 225.00 | \$ - | 0.00% |
| MOTOROLA APX 6000 SERIES RECOMMENDED OPTIONS | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| ADP Encryption | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Integrated Voice & Data (IV&D) | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Integrated GPS | | QA00782AC | QA00782AC | \$ 112.50 | \$ - | \$ (112.50) | -100.00% |
| Advanced System Key (ASK) | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Radio Authentication | | QA01767AT | QA01767AT | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| Programming Over P25 (OTAP) | | G996AU | G996AU | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| Bluetooth | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |

**MOTOROLA SOLUTIONS - CCPA CONTRACT 2017000064
PORTABLE RADIOS AND ACCESSORIES - PRICING SHEET**

| MOTOROLA APX 8000 SERIES PORTABLE RADIOS | | | | | | | |
|--|-------------------|--------------|---------------|-------------|-----------------------|--------------------|-------------------|
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| APX 8000 All Band | Model 1.5 | H91TGD9PW5AN | H91TGD9PW5AN | \$ 4,094.25 | \$ 4,206.75 | \$ 112.50 | 2.75% |
| APX 8000 All Band | Model 2.5 | H91TGD9PW6AN | H91TGD9PW6AN | \$ 4,244.25 | \$ 4,356.75 | \$ 112.50 | 2.65% |
| APX 8000 All Band | Model 3.5 | H91TGD9PW7AN | H91TGD9PW7AN | \$ 4,469.25 | \$ 4,581.75 | \$ 112.50 | 2.52% |
| MOTOROLA APX 8000 SERIES ACCESSORIES | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| Programming Cable | | PMKN4012B | PMKN4012B | \$ 70.84 | \$ 70.84 | \$ - | 0.00% |
| Antenna | | PMA54001 | PMA54001 | \$ 23.87 | \$ 23.87 | \$ - | 0.00% |
| Battery 4200MAH Impress | | QA00781AB | QA00781AB | \$ 86.25 | \$ 90.00 | \$ 3.75 | 4.35% |
| Battery Charger (Single Bay) | | WPLN7080A | WPLN7080A | \$ 96.25 | \$ 130.90 | \$ 34.65 | 36.00% |
| Battery Charger (Multiple Bay) | | NNTN7065B | NNTN7065B | \$ 606.76 | \$ 606.76 | \$ - | 0.00% |
| Battery Charger (Vehicular) | | NNTN7624B | NNTN7624B | \$ 300.30 | \$ 300.30 | \$ - | 0.00% |
| Remote Speaker Microphone | | HMN4101B | HMN4101B | \$ 231.00 | \$ 254.10 | \$ 23.10 | 10.00% |
| Remote Speaker Microphone with Antenna | | PMMN4059B | PMMN4059B | \$ 126.28 | \$ 126.28 | \$ - | 0.00% |
| Headset (Wired) | | PMLN6128 | PMLN6128 | \$ 80.85 | \$ 80.85 | \$ - | 0.00% |
| Headset (Wireless/Bluetooth) | | RLN6554 | RLN6554 | \$ 231.00 | \$ 231.00 | \$ - | 0.00% |
| Carry Case | | PMLN6802 | PMLN6802 | \$ 38.50 | \$ 38.50 | \$ - | 0.00% |
| Belt Clip | | PMLN5709A | PMLN5709A | \$ 22.33 | \$ 22.33 | \$ - | 0.00% |
| Digital CAI | | Q806CB | Q806CB | \$ 386.25 | \$ 386.25 | \$ - | 0.00% |
| TDMA | | QA00580AA | QA00580AA | \$ 337.50 | \$ 337.50 | \$ - | 0.00% |
| GPS | | QA00782AA | QA00782AA | \$ 112.50 | \$ - | \$ (112.50) | -100.00% |
| Mandown Operation | | QA01843AC | QA01843AC | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| MultiKey | | H869BW | H869BW | \$ 247.50 | \$ 247.50 | \$ - | 0.00% |
| Enhanced Data | | QA03399AA | QA03399AA | \$ 112.50 | \$ 112.50 | \$ - | 0.00% |
| Submersible Delta T | | H499JL | H499JL | \$ 187.50 | \$ 187.50 | \$ - | 0.00% |
| Green Housing | | QA01427AG | QA01427AG | \$ 18.75 | \$ 18.75 | \$ - | 0.00% |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| Delete 7/800 MHZ | | QA05507AA | QA05507AA | \$ (600.00) | \$ (600.00) | \$ - | 0.00% |
| Delete VHF Band | | QA05508AA | QA05508AA | \$ (600.00) | \$ (600.00) | \$ - | 0.00% |
| Delete UHF | | QA05509AA | QA05509AA | \$ (600.00) | \$ (600.00) | \$ - | 0.00% |
| 3 Year Service from the Start | | GA00232AM | GA00232AM | \$ 156.00 | \$ 102.00 | \$ (54.00) | -34.62% |
| MOTOROLA APX 8000 SERIES REQUIRED OPTIONS | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| SmartZone Operation | | H38BS | H38BS | \$ 1,125.00 | \$ 1,125.00 | \$ - | 0.00% |
| P25 9600 Baud Trunking | | Q361AN | Q361AN | \$ 225.00 | \$ 225.00 | \$ - | 0.00% |
| MOTOROLA APX 8000 SERIES RECOMMENDED OPTIONS | | | | | | | |
| Description | Model # | MFG Part # | Vendor Part # | Unit Price | Amend #1 - Unit Price | Amend #1 - \$ Diff | Amend #1 - % Diff |
| ADP Encryption | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Integrated Voice & Data (IV&D) | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Integrated GPS | | QA00782AA | QA00782AA | \$ 112.50 | \$ - | \$ (112.50) | -100.00% |
| Advanced System Key (ASK) | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| Radio Authentication | | QA01767AB | QA01767AB | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| Programming Over P25 (OTAP) | | G996AP | G996AP | \$ 75.00 | \$ 75.00 | \$ - | 0.00% |
| Bluetooth | Included in Radio | | | \$ - | \$ - | \$ - | 0.00% |
| APX8000XE Rugged Option | | QA02006AA | QA02006AA | N/A | \$ 600.00 | \$ 600.00 | 100.00% |

For all items not included in this price schedule that may be added during the term of the Contract, including but not limited to additional radios and OEM accessories, the City shall pay a fixed percentage discount from the Company's most recent pricing list. The full catalog pricing is available upon request.

| PERCENT DISCOUNT FROM LIST PRICE | |
|----------------------------------|-----|
| Portable Radios | 25% |
| OEM Accessories | 23% |



MOTOROLA SOLUTIONS

APX PORTABLE RADIO BUNDLE OPTIONS

| RADIO MODEL | MODEL NUMBER | PORTABLE RADIO BUNDLE DESCRIPTION | BUNDLE PRICE |
|-------------------|--------------|--|--------------|
| APX900 MODEL 2 | H92UCF9PW6 N | APX 900 7/800 MHZ MODEL 2 PORTABLE, TDMA, P25 9600/3600 COMPATIBLE, IMPRES BATTERY PMNN4491B 2100 MAH Li-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER PMPN4147A **ENCRYPTION ADDITION MUST BE SELECTED AT TIME OF PURCHASE RADIOS CANNOT BE UPGRADED AFTER SHIPMENT** | \$1,600.00 |
| APX4000 MODEL 2 | H51UCF9PW6 N | APX4000 7/800 MHZ MODEL 2 PORTABLE, P25 9600/3600 COMPATIBLE, IMPRES BATTERY NNTN8128 2100 MAH Li-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$2,072.55 |
| APX6000 MODEL 2.5 | H98UCF9PW6BN | APX6000 7/800 MHZ MODEL 2.5 PORTABLE, P25 9600/3600 INTEROPERABLE, IMPRES BATTERY 2550 MAH Li-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$2,537.00 |
| APX6000 MODEL 3.5 | H98UCH9PW7BN | APX6000 7/800 MHZ MODEL 3.5 PORTABLE, P25 9600/3600 INTEROPERABLE, IMPRES BATTERY 2550 MAH Li-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$2,787.00 |
| APX8000 MODEL 2.5 | H91TGD9PW6 N | APX8000 VHF/700/800 MHZ MODEL 2.5 PORTABLE (UHF CAN REPLACE VHF BAND IF NEEDED), P25 9600/3600 INTEROPERABLE, IMPRES BATTERY 3400 MAH Li-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$4,000.51 |
| APX8000 MODEL 3.5 | H91TGD9PW7 N | APX8000 VHF/700/800 MHZ MODEL 3.5 PORTABLE (UHF CAN REPLACE VHF BAND IF NEEDED), P25 9600/3600 INTEROPERABLE, IMPRES BATTERY 3400 MAH Li-ION, ANTENNA, 3 YEAR WARRANTY, AND SINGLE UNIT CHARGER | \$4,155.01 |

OPTIONAL FEATURES

| FEATURE | BUNDLE PRICE |
|-------------|--------------|
| TDMA | \$225.00 |
| AES | \$237.50 |
| AES/DES/ADP | \$399.50 |
| Multikey | \$165.00 |

NOTES:

- 1) BUNDLE PRICING IS BEING OFFERED UNDER THE NASPO/UTAH CONTRACT
- 2) PRICING IS VALID UNTIL JUNE 30, 2021
- 3) BUNDLE PRICING IS BASED ON CUSTOMER LEGACY RADIO TRADE IN. IF AN AGENCY IS CURRENTLY ALL APX BASED, BUNDLE PRICING WILL APPLY



MOTOROLA SOLUTIONS

APX MOBILE RADIO BUNDLE OPTIONS

| RADIO MODEL | MODEL NUMBER | MOBILE RADIO BUNDLE DESCRIPTION | BUNDLE PRICE |
|---------------------------------------|--------------|---|--------------|
| APX4500 DASH MOUNT | M22URS9PW1BN | APX4500 700/800MHZ, DASH MOUNT, 35W, 02 CONTROL HEAD, 3600/9600 COMPATIBLE, ANT 1/4 WAVE 762-870 MHZ, PALM MIC, BUILT IN SPEAKER, AND 3 YEAR WARRANTY **NOTE: AES AND ADP ARE THE ONLY ENCRYPTION OPTIONS AVAILABLE FOR THIS MODEL** | \$2,278.00 |
| APX4500 REMOTE MOUNT | M22URS9PW1BN | APX4500 700/800MHZ, REMOTE MOUNT, 35W, 02 CONTROL HEAD, 3600/9600 COMPATIBLE, ANT 1/4 WAVE 762-870 MHZ, PALM MIC, BUILT IN SPEAKER, AND 3 YEAR WARRANTY **NOTE: AES AND ADP ARE THE ONLY ENCRYPTION OPTIONS AVAILABLE FOR THIS MODEL** | \$2,403.56 |
| APX6500 DASH MOUNT | M25URS9PW1BN | APX6500 700/800MHZ, DASH MOUNT, 35W, E5 CONTROL HEAD, 3600/9600 INTEROPERABLE, ANT 1/4 WAVE 762-870 MHZ, PALM MIC, AUXILARY SPKR 7.5 WATT SPEAKER, AND 3 YEAR WARRANTY | \$2,363.24 |
| APX6500 REMOTE MOUNT | M25URS9PW1BN | APX6500 700/800MHZ, REMOTE MOUNT, 35W, E5 CONTROL HEAD, 3600/9600 INTEROPERABLE, ANT 1/4 WAVE 762-870 MHZ, PALM MIC, AUXILARY SPKR 7.5 WATT SPEAKER, AND 3 YEAR WARRANTY | \$2,488.80 |
| APX8500 MID POWER DASH MOUNT | M37TSS9PW1 N | APX8500 VHF/700/800MHZ (UHF CAN REPLACE VHF BAND IF NEEDED), DASH MOUNT, 35W, E5 CONTROL HEAD, 3600/9600 INTEROPERABLE, ALL BAND MOBILE ANTENNA (7/8/V/U), PALM MIC, AUXILARY SPKR 7.5 WATT SPEAKER, AND 3 YEAR WARRANTY | \$3,772.50 |
| APX8500 MID POWER REMOTE MOUNT | M37TSS9PW1 N | APX8500 VHF/700/800MHZ (UHF CAN REPLACE VHF BAND IF NEEDED), REMOTE MOUNT, 35W, E5 CONTROL HEAD, 3600/9600 INTEROPERABLE, ALL BAND MOBILE ANTENNA (7/8/V/U), PALM MIC, AUXILARY SPKR 7.5 WATT SPEAKER, AND 3 YEAR WARRANTY | \$3,858.50 |
| APX8500 HIGH POWER REMOTE MOUNT | M37TSS9PW1 N | APX8500 VHF/700/800MHZ (UHF CAN REPLACE VHF BAND IF NEEDED), DASH MOUNT,HIGH POWER 100W VHF AND 35W MID POWER FOR 700/800, E5 CONTROL HEAD, 3600/9600 INTEROPERABLE, ALL BAND MOBILE ANTENNA (7/8/V/U), PALM MIC, AUXILARY SPKR 7.5 WATT SPEAKER, AND 3 YEAR WARRANTY | \$4,135.00 |

OPTIONAL FEATURES

| FEATURE | BUNDLE PRICE |
|-------------|--------------|
| TDMA | \$225.00 |
| AES | \$237.50 |
| AES/DES/ADP | \$399.50 |
| Multikey | \$165.00 |

NOTES:

- 1) BUNDLE PRICING IS BEING OFFERED UNDER THE NASPO/UTAH CONTRACT
- 2) PRICING IS VALID UNTIL JUNE 30, 2021
- 3) BUNDLE PRICING IS BASED ON CUSTOMER LEGACY RADIO TRADE IN. IF AN AGENCY IS CURRENTLY ALL APX BASED, BUNDLE PRICING WILL APPLY

NORTH DAKOTA RADIO PRICING MATRIX

RADIO SUMMARY

PORTABLE/HANDHELD MODELS

| Suggested Market | Radio | Included hardware, software and feature part numbers | State Contract Price |
|------------------------------|--------------------------|--|----------------------|
| Public Works | APX900 | H98UCF29PW6AN, *QA0496, *QA00580, Q887, PMMN4491, PMPN4147, PMMN4069 | \$ 1,719.86 |
| Fire | APX1000 | H84UCF9PW6AN, *QA4086, *Q00580, Q887, NNTN8128, PMPN4147, PMMN4069 | \$ 1,719.86 |
| Fire | APX4000 | H51UCF9PW6AN, *QA2756, *QA00580, Q887, QA04865, NNTN8128, PMPN4147, PMMN4069 | \$ 2,238.86 |
| Law Enforcement | APX6000 | H98UCF9PW6BN, *Q361, *H38, *QA00580, *Q806, Q887, PMMN4485, NNTN8860, PMMN4065 | \$ 3,286.32 |
| Law Enforcement | APX6000-Encrypted | H98UCF9PW6BN, *Q361, *H38, *QA00580, *Q806, Q887, PMMN4485, NNTN8860, PMMN4065, *Q629, *Q498 | \$ 4,015.32 |
| Hazmat / FIRE | APX6000 XE | H98UCF9PW6BN, QA02006, *Q361, *H38, *QA00580, *Q806, Q887, PMMN4485, NNTN8860, PMMN4065 | \$ 4,495.32 |
| Multiband 800mhz/VHF Fire/LE | APX8000 | H91TGD9PW6AN, *Q806, *Q361, *H38, PMMN4086, *QA0580, QA05509, Q887, NNTN8860, PMMN4065 | \$ 4,660.52 |
| Multiband 800mhz/VHF Fire/LE | APX8000-Encrypted | H91TGD9PW6AN, *Q806, *Q361, *H38, PMMN4086, *QA0580, QA05509, Q887, NNTN8860, PMMN4065, *Q629, *Q498 | \$ 5,389.52 |

MOBILE/VEHICLE MODELS

| Suggested Market | Radio | Included hardware, software and feature part numbers | State Contract Price |
|-------------------------------------|---------------------------|---|----------------------|
| Fire/Public Works (dash mount only) | APX1500 | M26URS9PW1AN, *GA01339, B18, GA00318, GA00804, *GA00580, GA00235, G444, W484, W22, G66, | \$ 2,052.60 |
| Fire/Public Works (remote mount) | APX4500 | M22URS9PW1AN, *QA02756, GA00318, GA00235, *GA00580, B18, GA00804, G444, G67, W484, W22 | \$ 2,455.80 |
| Law Enforcement | APX6500 | M25URS9PW1AN, GA00318, *G806, GA00235, *GA00580, *G51, B18, G442, G444, W22, G67, G361, W484 | \$ 3,211.20 |
| Law Enforcement | APX6500 Encrypted | M25URS9PW1AN, GA00318, *G806, GA00235, *GA00580, *G51, *G298, B18, *G843, G442, G444, W22, G67, G361, W484 | \$ 3,940.20 |
| Fire | APX6500 Dual Head | M25URS9PW1AN, B18, GA00318, *G806, GA00235, G442, *GA00580, G444, G628, W484, *G51, W22, GA00092, G67, *G361 | \$ 3,650.40 |
| Multiband 800mhz/VHF LE | APX8500 High Power | M37TXS9PW1AN, *G51, *G361, *G806, GA00318, *GA00580, GA01513, GA005509, B18, G442, G444, GA01517, W22 | \$ 4,676.40 |
| Multiband 800mhz/VHF LE | APX8500 Encrypted | M37TXS9PW1AN, *G51, *G361, *G806, GA00318, *GA00580, GA01513, GA005509, B18, G442, G444, GA01517, W22, *G843, *G298 | \$ 5,405.40 |

All portable (handheld) sample quote are model 2 (limited keypad)

All portable (handheld) sample quote costs include all software/hardware to operate on expected SIRN network. Including a charger, lapel mic and no cost spare battery

All mobile (vehicle) configurations include a control head, speaker, cables, mounts, and palm mic and software/hardware to operate on expected SIRN network

* indicates software options expected to be needed for SIRN system

Encrypted Radio Sample include AES and OTAR w/multi-key

All mobile configurations include a control head, speaker, cables, mounts, and palm mic

Please consult your Motorola Solutions Representative to review radio configurations needed or desired for your agency and options for upgraded batteries (or intrinsically safe), radio chargers, accessories, speaker mic selection, mobile control head, dash mount vs remote mount, etc. Additional desired features or accessory upgrades are additional costs



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RADIO PART NUMBER GUIDE

PORTABLE/HANDHELD MODELS

| Model Number | Description | Contract Cost |
|--|---|---------------|
| APX 900 | | |
| H92UCF9PW6AN | APX 900 7/800 MHZ MODEL 2 PORTABLE w/battery | \$ 958.20 |
| QA04096AA | ENH: P25 TRUNKING | \$ 642.00 |
| QA00580AF | ADD: TDMA OPERATION | \$ - |
| Q887AT | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| PMNN4491B | BATT IMPRES LIION IP68 2100T | \$ - |
| PMPN4174A | CHGR DESKTOP SINGLE UNIT IMPRES, US/NA | \$ 43.63 |
| WPLN4212 | Multi-unit 6 Slot Bank Charger w/display | \$ 331.85 |
| PMMN4069AL | MICROPHONE,IMPRES RSM, 3.5MM JACK, IP55 | \$ 76.23 |
| APX 1000 | | |
| H84UCF9PW6AN | APX 1000 7/800 MHZ MODEL 2 PORTABLE w/battery | \$ 985.20 |
| QA04096AA | ENH: P25 TRUNKING | \$ 642.00 |
| QA01648AA | ADD: HW KEY SUPPLEMENTAL DATA | \$ - |
| QA00580AF | ADD: TDMA OPERATION | \$ - |
| Q887AT | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| NNTN8128BR | BATT IMPRES LIION 2000T | \$ - |
| PMPN4174A | CHARGER DESKTOP SINGLE UNIT IMPRES, | \$ 43.63 |
| WPLN4212B | IMPRES Multi Unit (6) CHARGER WITH 1 DISPLAY | \$ 331.85 |
| PMMN4069AL | MICROPHONE,IMPRES RSM, 3.5MM JACK, IP55 (Shoulder Mic) | \$ 76.23 |
| APX 4000 | | |
| H51UCF9PW6AN | APX 4000 7/800 MHZ MODEL 2 PORTABLE w/battery | \$ 1,177.80 |
| QA02756AB | ENH: 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM | \$ 942.00 |
| Q887AT | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| QA04865AA | ADD: TWO KNOB CONFIGURATION | \$ - |
| QA00580AF | ADD: TDMA OPERATION | \$ - |
| NNTN8128BR | BATT IMPRES LIION 2000T - Spare | \$ - |
| PMPN4174A | CHARGER DESKTOP SINGLE UNIT IMPRES | \$ 43.63 |
| WPLN4212B | IMPRES MULTI-UNIT (6) CHARGER WITH 1 DISPLAY | \$ 331.85 |
| PMMN4069AL | MICROPHONE,IMPRES RSM, 3.5MM JACK, IP55 | \$ 76.23 |
| APX 6000 | | |
| H98UCF9PW6BN | APX6000 700/800 MODEL 2.5 PORTABLE w/battery | \$ 1,815.00 |
| Q361AR | ADD: P25 9600 BAUD TRUNKING | \$ 180.00 |
| H38BT | ADD: SMARTZONE OPERATION | \$ 720.00 |
| QA00580AC | ADD: TDMA OPERATION | \$ - |
| Q806BM | ADD: ASTRO DIGITAL CAI OPERATION | \$ 309.00 |
| Q887AU | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| PMNN4485A | BATT IMPRES 2 LIION R IP68 2550T - spare | \$ - |
| NNTN8860A | CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115AC | \$ 94.50 |
| NNTN8844A | CHARGER, MULTI-UNIT, IMPRES 2, 6-DISP, ACC USB CHGR | \$ 787.50 |
| PMMN4065A | MICROPHONE,IMPRES RSM, IP57 | \$ 67.22 |
| APX 8000 | | |
| H91TGD9PW6AN | APX 8000 ALL BAND PORTABLE MODEL 2.5 w/battery | \$ 3,589.80 |
| Q806CB | ADD: ASTRO DIGITAL CAI OPERATION | \$ 309.00 |
| Q361AN | ADD: P25 9600 BAUD TRUNKING | \$ 180.00 |
| PMNN4486 | BATT IMPRES 2 LIION 3400 | \$ - |
| QA00580AA | ADD: TDMA OPERATION | \$ - |
| QA05509AA | DEL: DELETE UHF BAND | \$ (480.00) |
| Q887AU | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| H38BS | ADD: SMARTZONE OPERATION | \$ 900.00 |
| NNTN8860A | CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 115AC | \$ 94.50 |
| NNTN8844A | CHGR, MULTI-UNIT, IMPRES 2, 6-DISP, ACC USB CHGR | \$ 787.50 |
| PMMN4065A | MICROPHONE,IMPRES RSM, IP57 | \$ 67.22 |
| Option for XE Housing on 6000 or 8000 | | |
| (designed for fire: large knobs, buttons, display) | | |
| QA02006 | XE Rugged - includes UL certified battery and DeltaT rating | \$ 480.00 |
| Encryption ADD Part number for APX6000 or 8000 | | |
| Q629 | ADD: AES ENCRYPTION | \$ 285.00 |
| Q498 | ENH: Astro 25 Over the Air Rekeying w/Multikey | \$ 444.00 |
| Encryption ADD Part number for APX6500 mobile or APX8500 mobile | | |
| G843 | ADD AES ENCRYPTION | \$ 285.00 |
| G298 | ENH: Astro 25 Over the air Rekeying w/Multikey | \$ 444.00 |

MOBILE/VEHICLE MODELS

| Model Number | Description | Contract Cost |
|---|---|---------------|
| APX 1500 | | |
| M36URS9PW1AN | APX1500 7/800 | \$ 938.00 |
| B18CR | ADD: AUXILIARY SPKR 7.5 WATT APX | \$ 36.00 |
| GA00318AC | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| GA00804AA | ADD: APX O2 CH (GREY) | \$ 295.20 |
| GA01339AA | ENH: SW P25 TRUNKING | \$ 642.00 |
| GA00580AD | ADD: TDMA OPERATION | \$ - |
| GA00235AA | ADD: NO GPS ANTENNA NEEDED APX | \$ - |
| G444AH | ADD: APX CONTROL HEAD SOFTWARE | \$ - |
| W484AG | ALT: ANT 3DB GAIN 762-870MHZ | \$ 22.80 |
| W22BA | ADD: STD PALM MICROPHONE APX | \$ 43.20 |
| G66AW | ADD: DASH MOUNT O2 CH WWM | \$ 75.00 |
| APX 4500 | | |
| H51UCF9PW6AN | APX 4000 7/800 MHZ MODEL 2 PORTABLE w/battery | \$ 1,177.80 |
| QA02756AB | ENH: 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM | \$ 942.00 |
| Q887AT | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| QA04865AA | ADD: TWO KNOB CONFIGURATION | \$ - |
| QA00580AF | ADD: TDMA OPERATION | \$ - |
| NNTN8128BR | BATT IMPRES LIION 2000T - Spare | \$ - |
| PMPN4174A | CHARGER DESKTOP SINGLE UNIT IMPRES | \$ 43.63 |
| WPLN4212B | IMPRES MULTI-UNIT (6) CHARGER WITH 1 DISPLAY | \$ 331.85 |
| PMMN4069AL | MICROPHONE,IMPRES RSM, 3.5MM JACK, IP55 | \$ 76.23 |
| APX 6500 | | |
| M25URS9PW1AN | APX6500 7/800 MHZ | \$ 1,462.00 |
| B18CR | ADD: AUXILIARY SPKR 7.5 WATT APX | \$ 36.00 |
| GA00318AF | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| G442AJ | ADD: APX O5 CONTROL HEAD | \$ 259.20 |
| G806BE | ADD: ASTRO DIGITAL CAI OPERATION | \$ 309.00 |
| GA00235AA | ADD: NO GPS ANTENNA NEEDED APX | \$ - |
| G444AE | ADD: APX CONTROL HEAD SOFTWARE | \$ - |
| GA00580AA | ADD: TDMA OPERATION APX | \$ - |
| W484AF | ALT: ANT 3DB GAIN 762-870MHZ | \$ 22.80 |
| G51AU | ENH: SMARTZONE OPERATION APX6500 | \$ 720.00 |
| W22BA | ADD: STD PALM MICROPHONE APX | \$ 43.20 |
| G67CW | ADD: REMOTE MOUNT O5 MID POWER | \$ 178.20 |
| G361AH | ENH: P25 TRUNKING SOFTWARE APX | \$ 180.00 |
| APX 8500 | | |
| M37TXS9PW1AN | APX8500 ALL BAND HP MOBILE | \$ 3,372.00 |
| GA00318AF | ADD: 5Y ESSENTIAL SERVICE | \$ - |
| GA00235AA | ADD: NO GPS ANTENNA NEEDED APX | \$ - |
| GA00580AA | ADD: TDMA OPERATION APX | \$ - |
| GA01513AA | ADD: ALL BAND MOBILE ANTENNA (7/8/V/U) | \$ 57.00 |
| G51AT | ENH:SMARTZONE | \$ 900.00 |
| GA05509AA | DEL: DELETE UHF BAND | \$ (480.00) |
| B18CR | ADD: AUXILIARY SPKR 7.5 WATT APX | \$ 36.00 |
| G442AJ | ADD: APX O5 CONTROL HEAD | \$ 259.20 |
| G444AH | ADD: APX CONTROL HEAD SOFTWARE | \$ - |
| GA01517AA | DEL: NO J600 ADAPTER CABLE NEEDED | \$ - |
| G806BL | ENH: ASTRO DIGITAL CAI OP APX | \$ 309.00 |
| W22BA | ADD: STD PALM MICROPHONE APX | \$ 43.20 |
| G361AH | ENH: P25 TRUNKING SOFTWARE APX | \$ 180.00 |
| Dual Control Head Config for APX6500 or 8500 requires a quantity of 2 for speakers, remote mount cables, and mics AND | | |
| GA00092 | ADD: APX Dual Control HD HARDWARE | \$ 342.00 |



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

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From: [Melissa Taylor](#)
To: [City Clerk](#)
Subject: Regarding Resolution No. 2022-07:
Date: Monday, January 17, 2022 5:31:13 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good evening, Council members and Mayor Adams, I hope you all had a great holiday and Happy New Year. I know the council has studied this proposal for several years. As I have urged in the past, please rethink adding this resolution to the ballot in June.

As I have listened to you discuss this resolution, I keep hearing “let the people choose. Let’s give them a vote or a choice, let them decide.” The problem with this statement is, quite frankly, I do not see anyone in the Monrovia community complaining about not having a rotating mayor. In fact, what I have heard repeatedly is, Monrovia’s like having a mayor that they choose. The only complaints I have heard about the issue come from elected council members. If this was an issue brought forth at council meetings by constituents, I would understand the reason to add this to the ballot.

If we move to a rotating Mayor, we take away the citizen’s voice, and it does not ensure that the person who holds this position will truly be representative of the people. Without proper democratic controls, citizens cannot be certain that a council selected will hold all qualities such as responsiveness and responsibility.

Monrovia’s are far more worried about affordable housing, maintaining the life we enjoy today, and continuing to grow our community, than a rotating mayor. I urge you to rethink the reason you are doing this, and if the community is really asking for this.

Sincerely,

Melissa Taylor

From: [Sarah Earll](#)
To: [City Clerk](#)
Subject: re: Resolution No. 2022-07
Date: Tuesday, January 18, 2022 11:27:35 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I am writing to register my opposition to the proposed change in how Monrovia's mayor is selected. For forty years, Monrovia's citizens have had the right to choose their mayor. Resolution No. 2022-07 effectively takes away our right to vote on this important position in our city's government.

The current mayor and city council would have us believe that there is some kind of conflict between the Mayor and the Council; that as a panel of equals, one is set above the others. But this is precisely the scenario that would arise by reverting to the 1950s method of allowing the Council to select the Mayor from amongst themselves. The current council seems to feel either that the voters are incapable of making this distinction, or incapable of selecting a mayor independent of the council. I fundamentally disagree with this way of thinking.

The real reason is clear in the text of the Ordinance that would result from passage of Resolution No. 2022-07: "an annual rotation process for the offices of Mayor and Mayor Pro Tempore could fairly provide each Councilmember an opportunity to serve as Mayor." This is a brash attempt to give every council member a "turn" as Mayor, ensuring that no member ever has to risk their seat in order to run for a higher office. This is not in the Community's best interest; this is in the elected officials' best interests. It degrades our citizen's right to vote and freely elect their leaders.

The election of Mayor provides our citizens with a meaningful choice; such an important selection should not be left open to chance. An elected Mayor is directly responsive and responsible to the people, and should therefore continue to be elected by the people.

Sincerely,
Sarah Farmer Earll

From: [uzuri sims](#)
To: [City Clerk](#)
Subject: Monrovia Affordable Housing Action Item (Due Tomorrow, Tuesday, 3pm)
Date: Monday, January 17, 2022 8:20:29 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Monrovia City Council,

Monrovia is a majority-renter city, but renters in Monrovia are struggling.

Today, you can take action with an important step forward by approving the staff recommendation on item AR-3 on the agenda. Please fund a study into these important affordable housing solutions: inclusionary zoning, density bonuses, and ADU streamlining. These tools will help keep families from getting priced out of the city of Monrovia. They will also help ensure that Monrovia's housing element complies with state law.

Additionally, please modify the motion to explore the creation of a new program that offers a special financing plan for the construction of ADUs targeted at low-income households, similar to the [Pasadena Second Unit ADU Program](#) in place in Pasadena.

Thank you,
Uzuri Sims

From: [Carol Daley](#)
To: [City Clerk](#); [Alex Blackburn](#); [Becky Shevlin](#); [Gloria Crudgington](#); [L Spicer](#); [Tom Adams](#); [Dylan Feik](#)
Subject: City Council Meeting AR-3 (for tonight 1/18/22)
Date: Tuesday, January 18, 2022 10:52:39 AM
Attachments: [letter to Monrovia City Council- Sagecrest Jan 2022.docx](#)

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PO Box 126
Monrovia, CA 91017
January, 18, 2022

Re: AR-3 Consultant Services Agreement with Sagecrest Planning and Environment

Dear Mayor Adams and Council Members, City Manager Feik,

Inclusionary Housing Ordinance to increase the supply of affordable housing throughout Monrovia

As we begin to move forward exploring plans for more housing in our lovely city, I am hoping that our City will engage Sagecrest to come back to us with real and viable data that will insure that with our new Housing Element, will guarantee across the board, in ALL income levels, that we are incentivizing affordable housing. In the past, we have seen disproportionate amounts of building growth in the 'above moderate income' levels, versus the 'low and very low-income levels' which are levels that represent the incomes of teachers, nurses, postal workers, etc.

Currently the median price of a home sold in Monrovia is \$862,500. One has to have an income of \$13,000/mo to afford that [20% down, good credit]. Ouch! The average rental in Monrovia is \$2446. The average income from Social Security is \$1563/mo and no one that I am working with at our Kitchen is receiving near that! That's why we need affordable home ownership, as well as affordable rentals.

By having a **20% Inclusionary Housing Ordinance** it would be the beginning of insuring that housing is set aside for affordability. In Monrovia we have highly sought-after property. If developers wish to build or remodel in our City, let us make it a law, that they must set aside a 20% of their project for affordable housing within their project (or another option for them, to build their 20% within our city, offsite of their main project, being done concurrent or before their main project is done.) Let's put some teeth into our Housing Element!

Adopting a Density Bonus Ordinance Of course we want all the incentives that the State and Federal offer, including higher units, less parking, etc

Streamlining ADU (Accessory Dwelling Units) production We would like to see a competition for ADU designs in our city inviting firms that are interested in getting involved. From that, votes would be taken perhaps by City Council, as to the best designer plans. The winner of the design contest would then build one of their units (working with our local Habitat for Humanity). This would cause a stir of excitement about ADUs, making citizens interested in their own ADUs. The winning ADU plans then would be **affordable to build, FREE, pre-approved plans available on the City's website**. This is all do-able!

We would like to see **covenants** created between owners of ADUs if they rent to people with section 8 vouchers for seven years, that they can escape certain impact fees or other fees. We would also like to see **low interest (or no interest) loan rates** for those that build ADUs. ADUs help us reach our RHNA numbers!

We would like to see a process that **fast tracks ADUs** through plan check from **start to finish in 6 months**.

Zoning changes How about a policy that would allow **all commercial land to be mixed use for both residential and commercial?**

We look forward to the research and work that Sagecrest comes back with, assuming that they are approved for the plans. Go Monrovia! We need affordable housing!

Sincerely,

Carol and Tom Daley

Monrovia Housing and Tenants Advocates

From: [Linda E](#)
To: [City Clerk](#)
Subject: City Council Meeting AR-3 (for tonight 1/18/22)
Date: Tuesday, January 18, 2022 12:44:43 PM

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336 1/2 W Palm Ave
Monrovia, CA 91016
January, 18, 2022

Re: AR-3 Consultant Services Agreement with Sagecrest Planning and Environment

Dear Mayor Adams, Council Members, and City Manager Feik,

Please expedite affordable housing within our city. Please do all you can to do so through the Sagecrest report.

Let's get the report ASAP, and start implementing the new affordable housing ordinances pronto. Too many people in Monrovia are suffering right now because of our lack of affordable housing. Let's get our affordable housing done!

Linda Elyad

From: [Brian Yamaguchi](#)
To: [City Clerk](#)
Cc: [Brian Yamaguchi](#)
Subject: Public Comment - Monrovia City Council Meeting 1/18/2022 Agenda Item AR-4 "Amendment to Chapter 20 of Title 13 (Water Conservation) of the Monrovia Municipal Code to Establish the "Base Period Allocation" for Water Conservation Measures; Adoption of Ur...
Date: Tuesday, January 18, 2022 12:08:26 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Councilmembers,

Changing the "Base Period Allocation" definition in the Municipal Code as the water use from the corresponding billing period in 2013 needs to be done. The use of 2013 as the baseline sounds arbitrary and historically inappropriate given that the rainfall for that season was 41% of normal.

The proposed change to the ordinance that makes the "Base Period Allocation" the water used during "the billing period in the immediately preceding calendar year" is a good step towards replacing an outdated baseline and increasing fairness. However, using a single year as the baseline is prone to ignore that there may be abnormal circumstances that affected water use in a particular month of the preceding year. There could have been a mudslide that broke a water main or a global pandemic or a series of atmospheric rivers or any number of events beyond the control of customers that could cause a one-time aberration in water use.

I believe an even better step would be to change the ordinance to be "the median of the water used from the corresponding billing periods of the three immediately preceding calendar years." Using the median instead of the mean is better as the abnormal year will be discarded instead of averaged into the baseline. The use of the median would take in the account the possibility of extenuating circumstances and therefore be more equitable to residents.

Sincerely,
Brian Yamaguchi