THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2023-R-099

A RESOLUTION APPROVING A PURCHASE (QUOTE #2294942) BETWEEN THE VILLAGE OF TINLEY PARK AND THE COOK COUNTY EMERGENCY TELEPHONE SYSTEM BOARD FOR SIX (6) APX-XE PORTABLE RADIOS THROUGH MOTOROLA SOLUTIONS FOR THE TINLEY PARK FIRE DEPARTMENT IN THE AMOUNT OF $74,203.86

<div align="center">

RESOLUTION NO. 2023-R-099

A RESOLUTION APPROVING A PURCHASE (QUOTE #2294942) BETWEEN THE VILLAGE OF TINLEY PARK AND THE COOK COUNTY EMERGENCY TELEPHONE SYSTEM BOARD FOR SIX (6) APX-XE PORTABLE RADIOS THROUGH MOTOROLA SOLUTIONS FOR THE TINLEY PARK FIRE DEPARTMENT IN THE AMOUNT OF $74,203.86

</div>

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered entering into a Contract with Cook County Emergency Telephone System Board, a true and correct copy of such Contract being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid Contract/ be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 5th day of September, 2023, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

```
AYES:    Brady, Brennan, Mahoney, Mueller, Shaw
NAYS:    None
ABSENT: Sullivan
```

APPROVED this 5th day of September, 2023, by the President of the Village of Tinley Park.
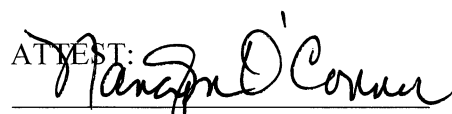
_____
Village President

ATTEST:
_____
Village Clerk

EXHIBIT 1

QUOTE #2294942

COOK COUNTY EMERGENCY TELEPHONE SYSTEM BOARD

SIX (6) APX-XE PORTABLE RADIOS THROUGH MOTOROLA SOLUTIONS FOR THE TINLEY PARK FIRE DEPARTMENT

Billing Address:
TINLEY PARK POLICE DEPT,
VILLAGE OF
7850 W 183RD ST
TINLEY PARK, IL 60477
US

Quote Date:08/23/2023
Expiration Date:11/21/2023
Quote Created By:
Chris Chisnell
Chris.Chisnell@
motorolasolutions.com

End Customer:
TINLEY PARK POLICE DEPT, VILLAGE
OF
Bill Neumann
wneumann@tinleypark.org
708-444-5542

Contract: 35622 - Cook County IL

Summary:

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at www.motorolasolutions.com/product-terms.

Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
	APX™ NEXT	APX NEXT XE MULTI					
1	H55TGT9PW8AN	APX NEXT; ALL-BAND MODEL 4.5 PORTABLE	6		$8,241.00	$6,015.93	$36,095.58
1a	H38DA	ADD: SMARTZONE OPERATION	6		$1,320.00	$963.60	$5,781.60
1b	Q806CH	ADD: ASTRO DIGITAL CAI OPERATION	6		$567.00	$413.91	$2,483.46
1c	QA09028AA	ADD: VIQI VC RADIO OPERATION	6		$110.00	$80.30	$481.80
1d	Q629BD	ENH: AES ENCRYPTION AND ADP	6		$523.00	$381.79	$2,290.74
1e	QA00580BA	ADD: TDMA OPERATION	6		$495.00	$361.35	$2,168.10
1f	QA09001AM	ADD: WIFI CAPABILITY	6		$330.00	$240.90	$1,445.40
1g	Q361CD	ADD: P25 9600 BAUD TRUNKING	6		$330.00	$240.90	$1,445.40
1h	Q173CA	ADD: SMARTZONE OMNILINK	6		$0.00	$0.00	$0.00

Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
1i	H869DB	ENH: MULTIKEY	6		$363.00	$264.99	$1,589.94
1j	QA09030AA	ADD: MOTOROLA HOSTED RADIOCENTRAL W CPS*	6		$0.00	$0.00	$0.00
1k	H636AB	ADD: APX NEXT APPLICATION BUNDLE PROMO+	6		-$300.00	-$300.00	-$1,800.00
1l	QA09017AA	ADD: LTE WITH ACTIVE SERVICE AT&T US	6		$0.00	$0.00	$0.00
1m	H637AB	ADD: RADIO CENTRAL PROGRAMMING PROMO CARVE OUT+	6		-$32.04	-$32.04	-$192.24
1n	QA01427AK	ALT: APX NEXT XE HOUSING GREEN	6		$28.00	$20.44	$122.64
1o	QA02006AE	ADD: APX NEXT XE M4.5 RUGGED RADIO	6		$770.00	$562.10	$3,372.60
1p	H499KC	ENH: SUBMERSIBLE (DELTA T)	6		$165.00	$120.45	$722.70
1q	QA08530AB	ALT: BATTERY LI-ION IMPRES 2 IP68 5650T UL DIV 2 XE	6		$169.40	$123.66	$741.96
2	SSV01P01407B	SMARTPROGRAMMING PROMO+	6	1 YEAR	$75.00	$75.00	$450.00
3	SSV01P01406A	SMARTCONNECT PROMO+	6	1 YEAR	$75.00	$75.00	$450.00
4	SSV01P01902A	SMARTMAPPING PROMO+	6	1 YEAR	$75.00	$75.00	$450.00
5	SSV01P01901A	SMARTMESSAGING PROMO+	6	1 YEAR	$75.00	$75.00	$450.00
6	SSV01P01685B	ELIGIBLE FOR PROMO - CC AWARE STARTER+	6	1 YEAR	$0.00	$0.00	$0.00
7	PSV00S01424A	APX NEXT PROVISIONING*	1		$0.00	$0.00	$0.00
8	PSV01S02940A	SMARTMAPPING ENABLEMENT	1		$0.00	$0.00	$0.00
9	PSV01S02941A	SMARTMESSAGING ENABLEMENT	1		$0.00	$0.00	$0.00

Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
10	PSV01S02944A	PROVISIONING SUPPORT	1		$0.00	$0.00	$0.00
11	SSV01P01476A	SMARTLOCATE PROMO+	6	1 YEAR	$75.00	$75.00	$450.00
12	LSV01S03446A	APX NEXT DMS ESSENTIAL	6	7 YEARS	$484.60	$353.76	$2,122.56
13	LSV01P03092A	RADIOCENTRAL PROGRAMMING PROMO	6	1 YEAR	$32.04	$32.04	$192.24
14	LSV01S03082A	RADIOCENTRAL PROGRAMMING	6	4 YEARS	$128.16	$128.16	$768.96
15	PSV03S02465A	APX DMS PROVISIONING PD3*	1		$0.00	$0.00	$0.00
16	NNTN9090A	BATTERY PACK,IMPRES GEN2, LIION, IP68, 5850T, UL2054 DIV 2	6		$326.70	$212.36	$1,274.16
17	SSV01S01407A	SMARTPROGRAMMING	6	4 YEAR	$300.00	$300.00	$1,800.00
18	SSV01S01406A	SMARTCONNECT	6	4 YEAR	$300.00	$300.00	$1,800.00
19	SSV01S01476A	SMARTLOCATE	6	4 YEAR	$300.00	$300.00	$1,800.00
20	SSV01S01907A	SMARTMAPPING	6	4 YEAR	$300.00	$300.00	$1,800.00
21	SSV01S01906A	SMARTMESSAGING	6	4 YEAR	$300.00	$300.00	$1,800.00
22	NNTN9115A	CHARGER, MULTI-UNIT, IMPRES G2, 6-DISP, US/NA/CA/LA PLUG, ACC-CHARGER	2		$1,420.20	$923.13	$1,846.26
	CommandCentral Aware						
23	ISV00S01852A	AWARE DELIVERY SERVICE BASE	1		$0.00	$0.00	$0.00
24	SSV00S02383A	AWARE STARTER	1	1 YEAR	$0.00	$0.00	$0.00

Grand Total

$74,203.86(USD)

Notes:

- Additional information is required for one or more items on the quote for an order.

+ Promotional pricing for 1 year Application Service trial.

Motorola's quote (Quote Number: ___2294942___ Dated: ___8/23/2023___) is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then the following Motorola's Standard Terms of use and Purchase Terms and Conditions govern the purchase of the Products which is found at http://www.motorolasolutions.com/msi/omterms.

The Parties hereby enter into this Agreement as of the Effective Date.

Motorola Solutions, Inc.

By: _____

Name: __Jeff Stowasser_____

Title: __IL Sales Manager_____

Date: __8/23/2023_____

Customer

By: _____

Name: _____

Title: _____

Date: _____

- Cloud Anchor Server Hardware.

COMMANDCENTRAL AWARE INTEGRATIONS

CommandCentral Aware provides a range of integrations, described in the sections below.

APX NEXT SmartLocate Integration

The APX NEXT SmartLocate feature provides dispatchers with accurate location data over a broadband network. This location data, combined with CommandCentral Aware functionality, enables better tracking of field personnel and improved situational awareness. SmartLocate quickly sends GPS coordinate updates and location information from the field to dispatchers, providing a more effective operating picture of any situation. This gives dispatchers a greater ability to manage incidents and allocate resources in the most efficient way possible. Broadband connectivity increases the frequency of location reporting beyond the capability of an LMR system. This improves location accuracy and enables more users to be tracked. The CommandCentral Aware tool set features many location triggers, including time, distance, push-to-talk (PTT), emergency, and accelerated cadence during emergency.

Computer Aided Dispatch (CAD) Integration

CommandCentral Aware integrates with CAD to provide CAD status and event monitor capabilities. The CAD status monitor allows users to see a listing of incidents (event type, location incidents, narrative, priority, status, geographic area, location of devices or units). The application consumes event-driven data from multiple CAD systems, allowing for real time assessment with other relevant data published to the platform, such as officer location, alarms, alerts, tips, tactical information, voice, and video.

Motorola 911 Mapping Integration

CommandCentral Aware integrates with Motorola Solutions CAD and 911 call data. The CommandCentral Aware application shows key caller events, such as 911 ringing, connects, and disconnects, alongside location updates to monitor the status of wireless callers. This provides essential information to assist personnel responding to an incident. In addition, a view of a call-based heat map helps PSAP resources understand where the volume of calls is coming from and improve the decision making process.

- Authenticates 9-1-1 calls for Hybrid Enhanced Location information.

- Maps Text-to-9-1-1 calls.

- Displays links to building footprints and Automated External Defibrillator (AED) locations.

- Presents user-supplied profiles in the same interface with mapping and display of landline, VoIP, and

  wireless 9-1-1 calls.

Vigilant LPR Integration

Motorola Solutions' LPR enables law enforcement agencies to organize and archive data collected from multiple mobile and fixed site LPR deployments. LPR technology has numerous applications including parking enforcement, law enforcement and city surveillance, and security and monitoring. Capabilities of Motorola Solutions' LPR system are as follows:

- Photograph a vehicle and focus on its license plate in moving traffic.

- Raise an alert, show a photo of the vehicle and license plate, and display why it is of interest in

  response to a match.

- Mine and analyze plate identification data for patterns.

- Map all locations related to a single plate to locate and map vehicle movements. The web interface allows data to be shared across multiple locations and agencies. Create wildcard hotlists with partial license plate numbers, and hotlists that notify assigned investigators of hits without alerting in-car vehicle officers.

- Associate related data from disparate systems to get a full view of an incident or hot-list hit/alarm occurrence via the Correlation Engine. Display nearby video sources based on the LPR hot-list hit/alarm, sensor alarms, and provided third-party data alerts.

- Enforce parking with digital tire chalking for enforcement of time-limits and residential, university semester, employee, short-term, and shared permits.

- Support law enforcement and city surveillance with live data transmission between vehicles and the back office, and back office data mining and geo-fencing.

AccuWeather Integration

CommandCentral Aware includes integration with AccuWeather. This integration provides customized weather-driven services. Services include site-specific forecasts, severe-weather warnings, historical data, and custom analytics. AccuWeather also provides the following data:

- Location key for your desired location.

- Forecast information for a specific location.

- Current Conditions data for a specific location.

- Daily index values for a specific location. Index availability varies by location.

- Radar and satellite images.

CJIS AND COMPLIANCE

For U.S.-based customers, the CommandCentral infrastructure runs in a CJIS compliant GovCloud. Motorola Solutions operates CommandCentral according to requirements dictated by the CJIS Security Policy document. Motorola Solutions performs periodic internal reviews to ensure the operation of CommandCentral is in compliance for each of the thirteen policy areas established by the CJIS Security Policy.

All Motorola Solutions employees with administrative access to the CommandCentral system must complete CJIS Security and Awareness training and complete a fingerprint-based background check. User activities are logged for auditing purposes.

All Motorola Solutions CommandCentral SaaS offerings are deployed in Microsoft Azure. These cloud service providers (CSPs) offer a secure infrastructure to build our applications. All Azure customers leverage a data center and network architecture that meets the requirements of the most security-sensitive organizations.

When it comes to meeting compliance requirements, Azure provide their customers with an infrastructure which already complies with many assurance programs. Systems built on top of the cloud infrastructure of these CSPs will receive immediate benefit for compliance requirements that affect infrastructure, physical security, or other areas that CSP bears responsibility for.

MOTOROLA *SOLUTIONS*

APX NEXT STARTER PACKAGE FOR COMMANDCENTRAL AWARE

APX NEXT STARTER PACKAGE

Motorola Solutions' APX NEXT Starter Package for CommandCentral Aware provides a host of mapping and location capabilities. CommandCentral Aware combines disparate systems and data into an accessible interface. This single interface offers command centers a complete operating picture to support field personnel in real time. CommandCentral Aware unifies data from mapping, correlated event monitoring, analytics, and communications. This unified interface streamlines public safety workflows and viewpoints, enabling users to access and act on critical information.

The APX Next Starter Package includes three named users for one year.

APX NEXT SmartLocate

The APX NEXT SmartLocate feature provides dispatchers with accurate location data over a broadband network. This location data, combined with CommandCentral Aware functionality, enables better tracking of field personnel and improved situational awareness. SmartLocate quickly sends GPS coordinate updates and location information from the field to dispatchers, providing a more effective operating picture of any situation. This gives dispatchers a greater ability to manage incidents and allocate resources in the most efficient way possible. Broadband connectivity increases the frequency of location reporting beyond the capability of an LMR system. This improves location accuracy and enables more users to be tracked. The CommandCentral Aware tool set features many location triggers, including time, distance, push-to-talk (PTT), emergency, and accelerated cadence during emergency.

ViQi Alert Integration

Maintaining situational awareness and first responder safety through natural operation is integral to the APX NEXT radio. This outcome is achieved through ViQi™ Virtual Partner—a cloud-based service that provides vital public safety information via voice. Users can activate ViQi with a single button press and simple audio prompt. Using natural language, personnel can run a license plate or driver's license and search for vehicles with matching vehicle identification numbers. This action happens straight from the field without disruption. The CommandCentral Aware ViQi integration provides visual context for these alerts to further improve field response.

Geographic Information System (GIS) Data Set

CommandCentral Aware integrates with hosted GIS data sets from Esri ArcGIS Server or ArcGIS online. The geospatial information contained within these data sets are core to the intelligent map display. This enhances workflow details driven by geography and the metadata contained within these data sets.

Esri's powerful geospatial engine within CommandCentral Aware is used to automatically invoke spatial queries. These queries inform the user of nearby items, refine geographic boundaries and focus attention on location to orientate those responding. This geospatial processing enables intelligence-driven analysis and focuses on the concentrated area of concern.

Data sets can be used in the following ways:

- Refine displayed data based on the geographic area defined per user (by Area, Beat, Sector, Precinct, Zone, or Quadrant).
- Determine road blockages caused by traffic jams, flooded roadways, or other obstacles.

AccuWeather

The starter package includes integration with AccuWeather to provide customized weather-driven services, including site-specific forecasts, severe-weather warnings, historical data, and custom analytics. AccuWeather provides the following:

- Location key for your desired location.
- Forecast information for a specific location.
- Current Conditions data for a specific location.
- Daily index values for a specific location. Index availability varies by location.
- Radar and satellite images.

APX NEXT RADIO SOLUTIONS

Overview

APX NEXT is Motorola Solutions' next-generation P25 platform purpose-built for first responders to access and act on information while maintaining focus in critical situations. Across all aspects of the radio experience—deployment, operation, maintenance, and evolution—APX NEXT brings critical advancements to usability and performance. Equipped with broadband, LTE, Wi-Fi, Bluetooth 5.0, and GPS capabilities, APX NEXT extends future-ready performance, applications, and full interoperability to the field and control room to transform accurate data into smarter action.

Key benefits of the APX NEXT include the following:
- **SmartTouch Experience** – Easier operation centered around a redefined 3.6" impact resistant touch display and shallow menu hierarchy. This cleaner and more intuitive visual layout increases the usability of the APX NEXT radio and helps users find the information they need without pause or distraction.
- **Ruggedized, Ergonomic Design** – Increased personnel safety and efficiency with an improved T-Grip ergonomic design, full-color top display, and tactile knobs for efficient use in emergency situations. Patented touch technology enables for reliable gloved use, while also making the screen immune to false actuations from water, snow, ice, or debris. The APX Next device meets the same MIL standards for ruggedization achieved by Motorola Solutions' APX platform radios.
- **Easy Fleet Management** – Easier and quicker radio provisioning, remote software updates, and streamlined management reduce downtime and support control center staff. Motorola Solutions' Device Management Services (DMS) maximize the effectiveness of APX NEXT, reducing maintenance risk, workload, and total cost of ownership. DMS brings RadioCentral (RC) programming to APX NEXT, as well, supporting faster provisioning and deployment to get devices in the hands of responders and out into the field.
- **Secure Communications** – Hardened End-to-End security allows only authorized units in the system to listen to transmissions. Real-time security provides seamless protection from the device and data in transit to the cloud and the LMR system

Evolving with Applications Services

APX NEXT Application Services enhance device capabilities and improve user experience. These applications are subscription-based offerings for easier optimization and scaling to meet evolving needs.

SmartConnect

First responders need to know that they are covered and supported with critical intelligence no matter where the mission takes them. The SmartConnect application keeps users connected and maintains critical LMR features through a broadband connection by extending Land Mobile Radio (LMR) networks for voice and data coverage outside normal LMR service areas. By seamlessly switching between P25 LMR and LTE cellular networks, SmartConnect extends reliable PTT communications as radio users roam onto supported broadband networks. Authentication, status, talkgroups, and encryption are all preserved automatically, without interruptions or resets to ensure that end users continue to have access to the critical features they need in emergency situations.

SmartMessaging

The SmartMessaging application allows APX NEXT users to seamlessly and discreetly share multimedia communications over a Broadband connection, offloading traffic from mission-critical LMR networks while

enhancing public safety capabilities. From the APX NEXT home screen, users can send more detailed multimedia messages, with image, video, or audio file attachments, to enhance situational awareness and improve response success. An enhanced search and history functionality is available for users to easily access previous messages by name, content, and time range, helping them find specific information when needed.

SmartLocate

The SmartLocate application provides dispatchers with accurate location data over a broadband network, enabling better tracking of field personnel and improved situational awareness. By using the broadband network and CommandCentral Aware integration, SmartLocate can quickly send GPS coordinate updates and location information from the field to dispatchers to create a more effective operating picture of any situation. This gives dispatchers a greater ability to manage incidents and efficiently dispatch available units with confidence that resources are allocated where necessary. Access to CommandCentral Aware is not included with a SmartLocate subscription.

SmartProgramming

Leveraging DMS and RadioCentral provisioning capabilities, the SmartProgramming application allows APX NEXT radios to be updated anywhere within an agency's local LTE network coverage area. APX NEXT devices no longer need to be tied to a computer via USB cable, limited to WiFi network coverage, or gated by Land Mobile Radio (LMR) bandwidth. SmartProgramming allows the APX NEXT device to take advantage of LTE broadband data speeds to pull programming jobs from RadioCentral devices in minutes.

SmartMapping

The SmartMapping application provides precise and accessible location information for field users on APX NEXT's modernized map interface, improving situational awareness and informing response. Users can see their own location and the location/status of other officers at a glance and immediately tap to communicate with these personnel. SmartMapping streamlines engagement by providing access to the application directly from the APX NEXT radio's home screen to best support users wherever the mission takes them.

STATE OF ILLINOIS)

COUNTY OF COOK) SS

COUNTY OF WILL)

CERTIFICATE

I, NANCY M. O'CONNOR, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2023-R-099, "A **RESOLUTION (QUOTE #2294942) BETWEEN THE VILLAGE OF TINLEY PARK AND THE COOK COUNTY EMERGENCY TELEPHONE SYSTEM BOARD FOR SIX (6) APX-XE PORTABLE RADIOS THROUGH MOTOROLA SOLUTIONS FOR THE TINLEY PARK FIRE DEPARTMENT IN THE AMOUNT OF $74,203.86**, which was adopted by the President and Board of Trustees of the Village of Tinley Park on September 5, 2023.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 5th day of September, 2023.

_____
VILLAGE CLERK