

20. Motorola Solutions, Inc. - WAVE Communications Software, APX Series Radios, KVL 5000 Key Variable Loader for APX Series Radios, P25 Flash Upgrades/Flash Kits, all Options, Software Features, and Associated Accessories - Countywide



COMMISSIONERS COURT  
COMMUNICATION

REFERENCE NUMBER \_\_\_\_\_

PAGE 1 OF 4

DATE: 09/17/2024

**SUBJECT: MOTOROLA SOLUTIONS, INC. - PURCHASE OF WAVE COMMUNICATIONS SOFTWARE, APX SERIES RADIOS, KVL 5000 KEY VARIABLE LOADER FOR APX SERIES RADIOS, P25 FLASH UPGRADES/FLASH KITS, ALL OPTIONS, SOFTWARE FEATURES, AND ASSOCIATED ACCESSORIES - COUNTYWIDE**

**\*\*\* CONSENT AGENDA \*\*\***

**COMMISSIONERS COURT ACTION REQUESTED**

It is requested that the Commissioners Court approve Motorola Solutions, Inc. as sole source for the purchase of WAVE Communications Software, APX series radios, KVL 5000 key variable loader for APX series radios, P25 Flash Upgrades/Flash Kits, all options, software features, and associated accessories.

**BACKGROUND**

Motorola Solutions, Inc. provided the Purchasing Agent documentation to substantiate the fact that they are the sole source for the purchase of WAVE Communications Software, APX series radios, including the KVL 5000 key variable loader for APX series radios, P25 flash upgrades/flash kits, all options, software features, and associated accessories. Tarrant County uses specific features with its radios such as over the air programming, over the air reaching, encryption, and programming that is specific to the APX radios sold by Motorola. This documentation states that Tarrant County can purchase the items only direct from Motorola and that Motorola is Tarrant County's sole source supplier for these products for manufacturing and purchasing.

The Tarrant County land mobile radio (LMR) system is a unified, public radio system from dispatch to subscribers. This makes both operations and maintenance efficient and compatible as interoperability is consistent across the entire ecosystem. The ecosystem consists of 111 local agencies. Motorola provides seamless solutions for mission-critical radio communications. WAVE Work Communications Software is a communications interoperability and broadband push-to-talk (PTT) solution that delivers real-time voice and data securely over any network using any device. From two-way radios to smartphones, laptops to landlines, tablets to rugged handhelds, users can use the devices they already have and the networks they already subscribe to and PTT with other teams and individuals both inside and outside of their communication system. Tarrant County leverages this technology to provide public safety communications to users via smartphone when they are outside the coverage area of the LMR radio system. WAVE Communications Software is also used daily to provide a reliable communications path for judicial dispatch operations via desktop computers.

SUBMITTED BY:	Purchasing	PREPARED BY: APPROVED BY:	Caleb Rojo Chris Lax, CPSM, CPSD, CPCP
---------------	------------	------------------------------	---



# COMMISSIONERS COURT COMMUNICATION

REFERENCE NUMBER: \_\_\_\_\_ DATE: 09/17/2024 PAGE 2 OF 4

This purchase supports the County's radio refresh project. The County is incrementally replacing public safety radios that are no longer supported by the manufacturer and are approximately ten (10) years in age.

Under the County Purchasing Act, exemptions to the competitive bidding requirements are allowed for certain types of purchases. The statutes require that the Purchasing Agent advise the Commissioners Court of the existence of only one (1) source, with such notice to be entered into the minutes of the Court.

Accordingly, the above item has been determined to be sole source under the County Purchasing Act 262.024(a)(7) as follows:

- “(7) an item can be obtained from only one (1) source, including:
- (A) items for which competition is precluded because of the existence of patents, copyrights, secret processes, or monopolies;
  - (D) captive replacement parts or components for equipment.”

## **FISCAL IMPACT**

Funding in the amount of \$877,415.43 is available in account 45400-2025 Capital Replacement/1810201000 Network Operation Communication/540000 Capital Outlay.



## TAKINGS IMPACT ASSESSMENT CHECKLIST

Complete this form for any county action that involves the adoption of a regulation, policy, guideline, court resolution, or order.

Project/Regulation Name: Motorola Solutions, Inc. - Purchase of Wave Communications Software, APX Series Radios, KVL 5000 Key Variable Loader for APX Series Radios, P25 Flash Upgrades/Flash Kits, all Options, Software Features, and Associated Accessories - Countywide

County Department: PURCHASING

Contact Person: Melissa Lee, C.P.M., A.P.P.

Phone Number for Contact Person: (817) 884-3245

Type of TIA Performed: SHORT TIA or FULL TIA. Circle one after answering the questions in Sections II and III below.

\*\*\*\*\*

### I. Stated Purpose

Attach to this checklist an explanation of the purpose of the regulation, policy, guideline, court resolution, or order.

\*\*\*\*\*

**Note: The remainder of this Takings Impact Assessment Checklist should be completed in consultation with the Criminal District Attorney's Office.**

### II. Potential Effect on Private Real Property

1. Does the county action require a physical invasion, occupation, or dedication of real property?

Yes \_\_\_\_\_ No √

2. Does the county action limit or restrict a real property right, even partially, or temporarily?

Yes \_\_\_\_\_ No √

If you answered yes to either question, go to Section III. If you answered no to both, STOP HERE and circle SHORT TIA at the top of the form.

\*\*\*\*\*



---

Motorola Solutions, Inc.  
500 W Monroe Street, Ste 4400  
Chicago, IL 60661-3781  
USA

August 02, 2024

Caleb Rojo  
Senior Buyer  
Tarrant County Purchasing Department  
100 E. Weatherford Street, Suite #303  
Fort Worth, Texas 76196

RE: Sole Source letter for WAVE, APX Radios, P25 Flash Kits and KVL 5000

Dear Caleb,

This Letter will confirm that Motorola is the sole manufacturer of WAVE Communications Software, APX series mobile & portable radios and the KVL 5000 key variable loader for the APX series of radios. Radios in this series include the APX-8000, APX-7000, APX-6000, APX-4000, APX-3000, APX-1000, APX-900, APX-8500, APX-7500, APX-6500, APX-4500, APX-1500 and APX Consolette which includes all options, software features and encryption options including P25 flash upgrades, flash kits, KVL 5000 options and features and accessories associated with all the models listed above as well as all software and devices associated with the WAVE communications software solution.

The WAVE software solution, Radios, KVL 5000, accessories and P25 flash kits are only distributed by and through Motorola. Tarrant County can only purchase the items direct from Motorola. Motorola is your sole source supplier for these products for manufacturing and purchasing.

If you have any questions about Motorola products, please contact Brad Rice, Area Sales Manager at (678) 618-8396 or [brad.rice@motorolasolutions.com](mailto:brad.rice@motorolasolutions.com).

Sincerely yours,

A handwritten signature in cursive script that reads 'Brad Rice'.

Brad Rice  
Area Sales Manager  
North America Government Markets  
Motorola Solutions, Inc.



## TAKINGS IMPACT ASSESSMENT CHECKLIST

Complete this form for any county action that involves the adoption of a regulation, policy, guideline, court resolution, or order.

Project/Regulation Name: Motorola Solutions, Inc. – WAVE Communications Software, APX Services Radios, KVL 5000 Key Variable Loader for APX Series Radios, P25 Flash Upgrades/Flash Kits, all Options, Software Features, and Associated Accessories - Countywide

County Department: PURCHASING

Contact Person: Melissa Lee, C.P.M., A.P.P.

Phone Number for Contact Person: (817) 884-3245

Type of TIA Performed: SHORT TIA or FULL TIA. Circle one after answering the questions in Sections II and III below.

\*\*\*\*\*

### I. Stated Purpose

Attach to this checklist an explanation of the purpose of the regulation, policy, guideline, court resolution, or order.

\*\*\*\*\*

**Note: The remainder of this Takings Impact Assessment Checklist should be completed in consultation with the Criminal District Attorney's Office.**

### II. Potential Effect on Private Real Property

1. Does the county action require a physical invasion, occupation, or dedication of real property?

Yes \_\_\_\_\_ No √

2. Does the county action limit or restrict a real property right, even partially, or temporarily?

Yes \_\_\_\_\_ No √

If you answered yes to either question, go to Section III. If you answered no to both, STOP HERE and circle SHORT TIA at the top of the form.

\*\*\*\*\*

93

CO# 143926



COMMISSIONERS COURT  
COMMUNICATION

REFERENCE NUMBER \_\_\_\_\_

PAGE 1 OF 4

DATE: 09/17/2024

**SUBJECT: MOTOROLA SOLUTIONS, INC. - PURCHASE OF WAVE COMMUNICATIONS SOFTWARE, APX SERIES RADIOS, KVL 5000 KEY VARIABLE LOADER FOR APX SERIES RADIOS, P25 FLASH UPGRADES/FLASH KITS, ALL OPTIONS, SOFTWARE FEATURES, AND ASSOCIATED ACCESSORIES - COUNTYWIDE**

**\*\*\* CONSENT AGENDA \*\*\***

**COMMISSIONERS COURT ACTION REQUESTED**

It is requested that the Commissioners Court approve Motorola Solutions, Inc. as sole source for the purchase of WAVE Communications Software, APX series radios, KVL 5000 key variable loader for APX series radios, P25 Flash Upgrades/Flash Kits, all options, software features, and associated accessories.

**BACKGROUND**

Motorola Solutions, Inc. provided the Purchasing Agent documentation to substantiate the fact that they are the sole source for the purchase of WAVE Communications Software, APX series radios, including the KVL 5000 key variable loader for APX series radios, P25 flash upgrades/flash kits, all options, software features, and associated accessories. Tarrant County uses specific features with its radios such as over the air programming, over the air reaching, encryption, and programming that is specific to the APX radios sold by Motorola. This documentation states that Tarrant County can purchase the items only direct from Motorola and that Motorola is Tarrant County's sole source supplier for these products for manufacturing and purchasing.

The Tarrant County land mobile radio (LMR) system is a unified, public radio system from dispatch to subscribers. This makes both operations and maintenance efficient and compatible as interoperability is consistent across the entire ecosystem. The ecosystem consists of 111 local agencies. Motorola provides seamless solutions for mission-critical radio communications. WAVE Work Communications Software is a communications interoperability and broadband push-to-talk (PTT) solution that delivers real-time voice and data securely over any network using any device. From two-way radios to smartphones, laptops to landlines, tablets to rugged handhelds, users can use the devices they already have and the networks they already subscribe to and PTT with other teams and individuals both inside and outside of their communication system. Tarrant County leverages this technology to provide public safety communications to users via smartphone when they are outside the coverage area of the LMR radio system. WAVE Communications Software is also used daily to provide a reliable communications path for judicial dispatch operations via desktop computers.

SUBMITTED BY:	Purchasing	PREPARED BY: APPROVED BY:	Caleb Rojo Chris Lax, CPSM, CPSD, CPCP
---------------	------------	------------------------------	---



COMMISSIONERS COURT  
COMMUNICATION

REFERENCE NUMBER: \_\_\_\_\_ DATE: 09/17/2024 PAGE 2 OF 4

This purchase supports the County's radio refresh project. The County is incrementally replacing public safety radios that are no longer supported by the manufacturer and are approximately ten (10) years in age.

Under the County Purchasing Act, exemptions to the competitive bidding requirements are allowed for certain types of purchases. The statutes require that the Purchasing Agent advise the Commissioners Court of the existence of only one (1) source, with such notice to be entered into the minutes of the Court.

Accordingly, the above item has been determined to be sole source under the County Purchasing Act 262.024(a)(7) as follows:

- "(7) an item can be obtained from only one (1) source, including:
- (A) items for which competition is precluded because of the existence of patents, copyrights, secret processes, or monopolies;
  - (D) captive replacement parts or components for equipment."

**FISCAL IMPACT**

Funding in the amount of \$877,415.43 is available in account 45400-2024 Capital Replacement/1810201000 Network Operation Communication/542800 CO LV Furn & Eq.



## TAKINGS IMPACT ASSESSMENT CHECKLIST

Complete this form for any county action that involves the adoption of a regulation, policy, guideline, court resolution, or order.

Project/Regulation Name: Motorola Solutions, Inc. - Purchase of Wave Communications Software, APX Series Radios, KVL 5000 Key Variable Loader for APX Series Radios, P25 Flash Upgrades/Flash Kits, all Options, Software Features, and Associated Accessories - Countywide

County Department: PURCHASING

Contact Person: Melissa Lee, C.P.M., A.P.P.

Phone Number for Contact Person: (817) 884-3245

Type of TIA Performed: SHORT TIA or FULL TIA. Circle one after answering the questions in Sections II and III below.

\*\*\*\*\*

### I. Stated Purpose

Attach to this checklist an explanation of the purpose of the regulation, policy, guideline, court resolution, or order.

\*\*\*\*\*

**Note: The remainder of this Takings Impact Assessment Checklist should be completed in consultation with the Criminal District Attorney's Office.**

### II. Potential Effect on Private Real Property

1. Does the county action require a physical invasion, occupation, or dedication of real property?

Yes \_\_\_\_\_ No √

2. Does the county action limit or restrict a real property right, even partially, or temporarily?

Yes \_\_\_\_\_ No √

If you answered yes to either question, go to Section III. If you answered no to both, STOP HERE and circle SHORT TIA at the top of the form.

\*\*\*\*\*



**TAKINGS IMPACT ASSESSMENT CHECKLIST**

Complete this form for any county action that involves the adoption of a regulation, policy, guideline, court resolution, or order.

Project/Regulation Name: Motorola Solutions, Inc. – WAVE Communications Software, APX Services Radios, KVL 5000 Key Variable Loader for APX Series Radios, P25 Flash Upgrades/Flash Kits, all Options, Software Features, and Associated Accessories - Countywide

County Department: PURCHASING

Contact Person: Melissa Lee, C.P.M., A.P.P.

Phone Number for Contact Person: (817) 884-3245

Type of TIA Performed: SHORT TIA or FULL TIA. Circle one after answering the questions in Sections II and III below.

\*\*\*\*\*

**I. Stated Purpose**

Attach to this checklist an explanation of the purpose of the regulation, policy, guideline, court resolution, or order.

\*\*\*\*\*

**Note: The remainder of this Takings Impact Assessment Checklist should be completed in consultation with the Criminal District Attorney's Office.**

**II. Potential Effect on Private Real Property**

1. Does the county action require a physical invasion, occupation, or dedication of real property?

Yes \_\_\_\_\_ No √

2. Does the county action limit or restrict a real property right, even partially, or temporarily?

Yes \_\_\_\_\_ No √

If you answered yes to either question, go to Section III. If you answered no to both, STOP HERE and circle SHORT TIA at the top of the form.

\*\*\*\*\*