

CITY OF SANTA ROSA
CITY COUNCIL

TO: MAYOR AND CITY COUNCIL
FROM: KEITH HINTON, TECHNICAL SERVICES DIVISION MANAGER-
POLICE
SUBJECT: APPROVAL OF AMENDMENT #1 TO THE COMMUNICATIONS
SYSTEM AND SERVICES AGREEMENT WITH MOTOROLA
SOLUTIONS, INC., SAN DIEGO, CA. NOT TO EXCEED
\$5,303,200 TO PURCHASE AND INSTALL A DIGITAL P25
TRUNKED RADIO SYSTEM SOLUTION, APPROVAL OF
EQUIPMENT LEASE-PURCHASE AGREEMENT, AND
APPROPRIATION OF \$145,000 FROM THE FEDERAL ASSET
FORFEITURE FUND, \$100,000 FROM THE STATE ASSET
FORFEITURE FUND, AND \$3,772,000 FROM THE GENERAL
FUND RESERVES TO THE RADIO PROJECT KEY 95860

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Finance and Police Departments that the Council, by resolution, 1) approve the Amendment #1 to the Communications System and Services Agreement with Motorola Solutions, Inc. in an amount not to exceed \$5,303,200; 2) approve the Equipment Lease-Purchase Agreement; and 3) appropriate \$145,000 from the Federal asset forfeiture fund, \$100,000 from the State asset forfeiture fund, and \$3,772,000 from the General Fund reserves for this project.

EXECUTIVE SUMMARY

The Santa Rosa Police Department is in need of replacing its obsolete radio system and equipment. The current system is over 30 years old, is no longer reliable and parts are no longer available for needed repairs. The proposed system will provide an adaptable and affordable platform for mission critical wireless communications for Police throughout the City.

The proposed system is a digital trunked radio system allowing for improved capabilities and expanded geographic coverage. An additional radio tower will be located on the Eastern ridge of the City known as Barham Mountain providing coverage to areas that currently have limited coverage due to the terrain. Site to site communications will be handled via microwave rather than leased private data lines which have proven to be an additional system weakness. The microwave will remain operational during power outages and natural disasters.

On December 18, 2018 Council approved funding for Phase 1 of the modernization. That work was completed this year significantly modernizing the computer backbone and dispatch consoles. Phase 2 constitutes upgrading the tower equipment as well as the

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field deployed radios and is being purchased with a three year lease with no interest. This will fully modernize the Police Radio system and move it to the 700 MHz band and make it P25 compliant as required by law.

This new system will be interoperable with allied agencies which is critical during emergency situations. It has the ability to serve as a regional system allowing other City Departments and allied agencies to subscribe to the system and replace their existing radio infrastructure also creating shared channels across the region. This directly relates to the Council Goal to invest in and sustain infrastructure and transportation.

BACKGROUND

The Police Department radio infrastructure is obsolete and presents enormous risks of system failure. The system dates back to 1988 and over 80% of the entire system, including field radios, have reached the end of the supported life. The current radio system is an all analog UHF system consisting of six radio frequencies. The system parts and components are outdated and are no longer manufactured. The current 400 MHz band is overcrowded making expansion impossible and is scheduled to be narrow banded further limiting transmissions.

The Police Department received approval from the City Manager in September 2016 for a five-year standard specification for the purchase of radio equipment from Motorola. It was determined that it was in the City's best interest to standardize on a single manufacturer to ensure secure radio communications, product uniformity and operation efficiencies.

The Police Department received approval from City Council for Phase 1 of this project in December 2018. This is the second and final phase of the Police radio project. The first phase was completed June 30, 2019 and included the upgrade of the communications dispatch system which was installed with the understanding that, to be fully operational and P25 compliant as required, this second phase was required.

PRIOR CITY COUNCIL REVIEW

None

ANALYSIS

Enhancement

This system enhances the Police Department's ability to communicate with each other and neighboring agencies. It also adds the ability to work with mutual aid agencies from outside the region by "sharing" our channels or developing an incident specific talk group. These talk groups can be deployed within minutes and all personnel can be assigned to them as soon as it is activated.

System

The proposed system is a digital trunked main Police Radio system operating in the 700 and 800 MHz bands. This includes the field deployed radios, tower equipment and data exchange. This makes up the entire infrastructure in which the radio exists.

Cooperative Agreement

The Houston Galveston Area Council (H-GAC) Cooperative Purchasing Program is a competitive bidding process that assists local governments in reducing costs through this government-to-government procurement service available nationwide.

Santa Rosa City Code Section 3-08.160 permits cooperative purchases when advantageous to the City. HGAC's procurement process includes research, specifications preparation, pre-bid and preproposal conferences, legal notice posting and advertising, bid/proposal review and contract execution available at a national level. Additional benefits to utilizing a cooperative purchase agreement is an expedited procurement process, volume purchasing discounts, on-duty professional staff assistance, research and development of technical specifications, and contract management services provided by the lead Agency (H-GAC).

FISCAL IMPACT

The total amendment to the purchase order is \$5,303,200 and will utilize existing appropriated budget from the Communications System Upgrade project (JL key 95860) of \$1,196,200. Additional appropriations to the Communications System Upgrade project of \$145,000 from the Federal Asset Forfeiture fund reserves, \$100,000 from the State Asset Forfeiture fund reserves, and \$3,772,000 from the General Fund reserves will help fund the purchase order. Finally, \$90,000 of funds already appropriated in the Crime Mitigation project key 95711 will be transferred to the Communications System Upgrade as well.

The ongoing costs of the system are comprised of an annual Software Service Users Agreement and Maintenance which includes product repair, obsolescent hardware replacement, network monitoring, preventive maintenance and operating system security patches. The ongoing costs of \$2,627,200 are spread over the next ten years and begin in the second year after installation. The annual cost of \$262,720 will be built into the Police Operating Budget request each year.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) because it is not a project which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, pursuant to CEQA Guideline section 15378.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable

NOTIFICATION

Not applicable.

ATTACHMENTS

- Resolution/Exhibit A- Agreement with Motorola

CONTACT

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