



Mendocino County

Legislation Text

File #: 20-0889, Version: 1

To: Board of Supervisors

From: Executive Office

Meeting Date: January 5, 2021

Department Contact: Janelle Rau
Department Contact: Cody Snider

Phone: 463-4441
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Item Type: Consent Agenda

Time Allocated for Item: N/A

Agenda Title:

Approval of Agreement with Nokia of America Corporation in the Amount of \$1,170,271.85 for the Acquisition of Network Upgrade Improvements and Related Services for the County Public Safety Microwave Radio Communications System; Authorize the Chief Executive Officer or her/his Designee to Execute any and all Documents in Relation to the Transaction; and Authorize the Chief Executive Officer or her/his Designee to Sign any Future Amendments to the Agreement That Do Not Alter the Fiscal Aspect of the Nokia of America Corporation Agreement for Equipment, Software and Services

Recommended Action/Motion:

Approve Agreement with Nokia of America Corporation in the amount of \$1,170,271.85 for the acquisition of network upgrade improvements and related services for the County Public Safety Microwave Radio Communications System; authorize the Chief Executive Officer or her/his designee to execute any and all documents in relation to the transaction; and authorize the Chief Executive Officer or her/his designee to sign any future amendments to the agreement that do not alter the fiscal aspect of the Nokia of America Corporation agreement for equipment, software and services; and authorize Chair to sign same.

Previous Board/Board Committee Actions:

In November 2018 the Board of Supervisors approved the Information Technology (IT) Master Plan, which stated that the public safety microwave system would require significant upgrades to replace obsolete equipment. On October 22, 2019 the Board accepted a presentation regarding an assessment and needs of the County's public safety communication microwave system and radio network. On November 19, 2019 the Board approved funding needs identified in FY 2019-20 first quarter which included \$1,600,500 in funding towards the public safety microwave phase I repeater replacement project and approved an additional \$1,500,285 identified as microwave reserve for future improvements. During FY 20-21 budget process the Board of Supervisors approved the appropriation of the \$1,500,285 microwave reserve for phased replacements which included public safety microwave phase II MPLS network upgrade improvements. Regular updates regarding IT Master Plan projects have been provided to the Board via the Quarterly Budget.

Summary of Request:

The IT Master Plan was finalized and approved by the Board in November 2018. The IT Master Plan identified 99 infrastructure initiatives with an estimated fiscal cost of \$20.7 million over five years. Multiple initiatives in the plan identified the need to replace various components of the County's public safety microwave and radio

network system as it is critical infrastructure that supports our public safety, emergency medical services, and fire protection stakeholders (as well as other County departmental operations). On October 22, 2019 the Board accepted a presentation from Information Services regarding an assessment and needs of the County's Public Safety Communication Microwave System and Radio Network. The presentation identified replacing end of life Multiprotocol Label Switching (MPLS) and Time Domain Multiplexing (TDM) switching equipment on the County Public Safety Communication Microwave System and Radio Network. This equipment integrates and manages all Computer Data and Public Safety Data between County offices and data centers via the County Public Safety Communication Microwave System and Radio Network. This aging system also routes and manages all Public Safety radio traffic from Sheriff, Fire, DOT and EMS dispatch to all remote repeater sites and all First Responders in the field with full network ring redundancy. The County requires ongoing support for TDM connectivity to transport analog traffic to repeater sites for First Responders. Due to the TDM requirement, commonly available, standards based MPLS switching devices cannot be utilized for this project. Further, the recommended Nokia equipment is compatible with the existing MPLS and TDM equipment and can be upgraded on a location by location basis, reducing risk and cost significantly. Any other vendor product would require a complete synchronized equipment replacement at all Public Safety Communication Microwave System and Radio Network sites located throughout the County. There is not another manufacturer, vendor or product that can supply a comparable solution which seamlessly integrates to the County's systems. MPLS network upgrade improvements to the Public Safety Communication Microwave System and Radio Network as phase II of the critical upgrade/replacement projects identified.

Alternative Action/Motion:

Do not approve agreement and provide alternate direction to staff.

Supervisory District: All

vote requirement: Majority

Supplemental Information Available Online At: N/A

Fiscal Details:

source of funding: IT Reserve

current f/y cost: \$1,170,271.85

annual recurring cost: Varies (ongoing maintenance of equipment is projected on a County-wide basis for all infrastructure)

budget clarification: During FY 2019-20 first quarter the Board of Supervisors allocated \$3,750,285 to the I reserve, of that, \$1,500,285 was identified as microwave reserve for future improvements. During FY 20-21 bud process the Board of Supervisors approved the appropriation of the \$1,500,285 microwave reserve for phased replacements which included public safety microwave phase II MPLS network upgrade improvements.

Agreement/Resolution/Ordinance Approved by County Counsel: Yes

CEO Liaison: Executive Office

CEO Review: Yes

CEO Comments:

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Executed By: Atlas Pearson, Deputy Clerk I

Date: JANUARY 7, 2021

Final Status: Approved

Executed Item Type: Agreement Number: 21-001

Note to Department Number of Original Agreements
Returned to Dept: 0 Original Agreement Delivered to
Auditor? No

