



Information and General Services Department

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NEVADA COUNTY BOARD OF SUPERVISORS **Board Agenda Memo**

MEETING DATE: February 27, 2018

TO: Board of Supervisors

FROM: Steve Monaghan, Chief Information Officer

SUBJECT: Resolution Authorizing Purchase of a data center core network switch and network management software, and Amending the FY17-18 Information Systems Budget (requires 4/5 affirmative vote)

RECOMMENDATION: Adopt the Resolution

FUNDING: A release of \$ \$124,625 from the Information Systems Infrastructure assignment of the General Fund is requested to purchase a data center core network switch, network management software, fiber optic cabling, related products and contracted installation services. A budget amendment is requested to increase the FY2017-18 Information Systems budget for this purchase.

BACKGROUND: The County's data center core network switch infrastructure and related network diagnostic software was implemented over ten years ago and is at the end of its operational lifespan. The last ten years has seen an escalated growth in County network related services, wireless networks, total County owned connected devices, network bandwidth performance needs, information security risks, and regulatory/compliance requirements.

This project will replace the current County's data center core network switch. New fiber optic cabling will be installed to increase performance 10 fold to data closets at the Rood Center to accommodate County Departments' increased network performance requirements. The data center's core network will be reconfigured to meet compliance needs such as for the Department of Justice's Criminal Justice Information Systems regulations. The network improvements will in addition help the County lower overall cybersecurity risks to the data center. New network monitoring, diagnostic, management, troubleshooting, and dynamic mapping software will be implemented. This software will assist County staff in maintaining and securing the County networks, as well as to be better enabled to respond to cybersecurity threats and incidents as they occur.

This purchase has been scheduled in the Information Systems infrastructure five year spending plan and has been recommended for funding from the Information Technology assignment of the General Fund by the Information Systems Steering Board.

Item Initiated and Approved by: Steve Monaghan

Submittal Date: February 13, 2018

Revision Date: