



**AUTHORIZING PURCHASE OF NETWORK INFRASTRUCTURE EQUIPMENT**

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FISCAL NOTE:

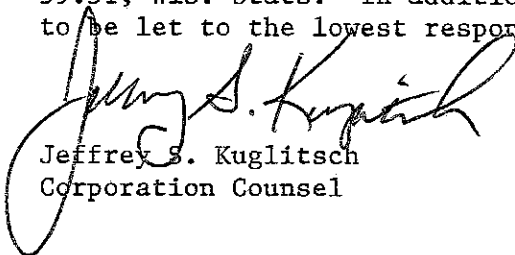
Sufficient funds are available in IT's Capital Projects budget, A/C 07-1444-0000-67171, for this equipment.



Jeffrey A. Smith  
Finance Director

LEGAL NOTE:

The County Board is authorized to take this action pursuant to secs. 59.01 and 59.51, Wis. Stats. In addition, sec. 59.52(29), Wis. Stats. requires the project to be let to the lowest responsible bidder.



Jeffrey S. Kuglitsch  
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.



Craig Knutson  
County Administrator

## **Executive Summary for the Purchase of Network Infrastructure Equipment**

As a Capital Improvement Program project, this project is focused on improving the County's network infrastructure for the purpose of delivering faster network speeds and enhancing network security for all County systems and users. After installation of the network components, County users will notice markedly better system response times, and more refined network security features will be implemented. The following are the main network components that are included in this project:

- 18 Cisco network switches and associated components
- 1 Cisco Access Control Server
- 2 Cisco Adaptive Security Appliances (one primary and one secondary).

These network infrastructure items will replace equipment that is now over 10 years old and no longer capable of providing the desired level of network throughput, functionality, and security. The replacement devices will have a similar life-span of approximately 10 years.

The replacement switches will be located throughout all County facilities. The Access Control Server and the Adaptive Security Appliances will be located in the County's data center located at the Health Care Center.

The network infrastructure equipment will cost \$116,925.00 and be purchased from Core BTS using the pricing and terms of the State of Wisconsin contract #15-20664-501.