

RESOLUTION NO. _____ - 2021

**AUTHORIZE EXTENDING THE SAUK COUNTY FIBER INFRASTRUCTURE FROM
A VAULT IN FRONT OF GORDON L WILLSON ELEMENTARY SCHOOL TO THE
UW PLATTEVILLE AT BARABOO SAUK COUNTY CAMPUS**

Background: Sauk County owns and maintains an extensive fiber optic network connecting County facilities and Communication tower sites throughout the county. A current fiber spur runs from the Courthouse to the Highway facility. The UW-Madison Division of Information Technology Network Services provides network and network support to the UW-Platteville at Baraboo-Sauk County campus. In December of 2020 UW-Madison Division of Information Technology Network Services and Sauk County entered into a fiber lease a part of resolution 153-20. As a part of that lease, Sauk County agreed to build out approximately 2200 feet of fiber infrastructure from a county owned vault in front of Gordon L. Willson Elementary school to the UW-Platteville at Baraboo-Sauk County. The build out of fiber infrastructure allows for the UW-Madison Division of Information Technology Network Services network to service the campus and allows the county more dark fiber to possibly lease in the future. The Facilities Director along with the County's Fiber Engineer requested bids for the fiber infrastructure build. The Facilities Director and Communications Technician budget annually for communication infrastructure upgrades like this as a part of the capital improvement process. The Sauk County Fiber Engineer received pricing from two underground utility companies, fiber splicing costs, and engineering costs. The total price for fiber infrastructure upgrade is in the amount of \$36,390.60. Purchase Orders will be issued to J&R Underground for \$24,890.60 for the materials and labor to install the fiber, Killoren Communication Services INC. for \$1,700 for fiber splicing, and Lightwave Networks LLC in the amount of \$9,800.00 for fiber engineering and final documentation of the infrastructure build.

Fiscal Impact: [☐] None [☒] Budgeted Expenditure [☐] Not Budgeted

NOW, THEREFORE, BE IT RESOLVED, by the Sauk County Board of Supervisors, met in regular session, that the Building Services Facilities Director is hereby authorized to issue the necessary purchase orders in the amount of \$36,390.60 for extending the fiber infrastructure and other associated costs from a county owned vault in front of Gordon L. Willson Elementary school to the UW-Platteville at Baraboo-Sauk County campus.

BE IT FURTHER RESOLVED, the Buildings Services Facilities Director is hereby authorized to approve change orders for any potential unforeseen conditions and so long as change orders for each contracted portion of the project do not exceed 15% of the original contracted price and sufficient budgeted funds are available in the 2021 Building Services Communications Capital Outlay budget to pay the change order cost increases.

For consideration by the Sauk County Board of Supervisors on April 20, 2021.

Respectfully submitted,

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PROPERTY COMMITTEE

CARL GRUBER, CHAIR

SMOOTH DETTER

SHANE GIBSON

JOEL CHRISLER

KEVIN SCHELL

FISCAL NOTE: Money for this upgrade will be taken from the 2021 Building Services Communications Capital Improvement account in which \$50,000 have been budget for this upgrade.

MIS NOTE: No MIS impact.

**UW- FIBER Build Out Bid
Tally**

Contractor	Bid	Service Provided
JJ Vondrum	\$26,062.13	Materials and labor to install fiber
J&R Underground	\$24,890.60	Materials and labor to install fiber
Killoren Communication Services INC.	\$1,700.00	Splicing of fiber & includes splice case and tray
LightWave Networks LLC	\$9,800.00	Engineering and Final documentation
Total Build cost	\$36,390.60	