

RESOLUTION NO. _____ - 2021

AUTHORIZE TO RE-ROUTE THE EXISTING SAUK COUNTY FIBER INFRASTRUCTURE AROUND THE HIGHWAY DEPARTMENT CAMPUS

Background: Sauk County owns and maintains an extensive fiber optic network inter-connecting county facilities and communication tower sites throughout the county. A current twelve count fiber spur runs from the Courthouse to the Highway facility. While planning for the new facility on the highway campus, it was identified that the existing fiber route needs to be relocated to allow for normal county network traffic to continue during the construction process. The re-routing of the fiber will also allow for future interconnection to the county's network in a planned phase B fiber build out, which will create greater network redundancy of the existing network. The Facilities Director along with the County's Fiber Engineer requested bids for the fiber infrastructure build. American Rescue Plan Act funds will be used to upgrade the fiber infrastructure for this first phase, and also the planned second phase. The Sauk County Fiber Engineer received pricing on underground utility construction & materials and fiber splicing & material costs. The total price for fiber infrastructure upgrade on the Highway department campus is \$50,845.15. Purchase Orders will be issued to J&R Underground for \$40,069.50 for the materials and labor to install the fiber, Killoren Communication Services INC. for \$4,775.65 for fiber splicing and splicing materials, and Lightwave Networks LLC in the amount of \$6,000.00 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 County Administrator is hereby authorized to issue purchase orders for re-routing the fiber infrastructure on the Highway Department campus to allow for normal network traffic during construction of a new Highway facility.

BE IT FURTHER RESOLVED, the County Administrator 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 American Roads to Recovery funds are available to pay the change order cost increases.

For consideration by the Sauk County Board of Supervisors on October 19, 2021.

Respectfully submitted,

PROPERTY COMMITTEE

CARL GRUBER, CHAIR

SMOOTH DETTER

SHANE GIBSON

JOEL CHRISLER

KEVIN SCHELL

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FISCAL NOTE: Money for the service upgrade will be taken from the 2021 Building Services Communications Capital Outlay budget or funds available from American Rescue Plan Act grant dollars.

MIS NOTE: No MIS impact.

**Hwy Fiber Re-route
Bid Tally**

Contractor	Bid	Service Provided
J&R Underground	\$40,069.50	Materials and labor to install fiber
Killoren Communication Services INC.	\$4,775.65	Splicing of fiber & includes splice case and tray
LightWave Networks LLC	\$6,000.00	Engineering and Final documentation
Total Build cost	\$50,845.15	