

INFORMATION TECHNOLOGY
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December 21, 2021

To: Mahesh Sharma, County Administrator
From: Matt Hirst, Information Technology Director
Sam Samara, Information Technology Infrastructure Manager
Subject: ETS Data Services for Western Scott County Locations

Data connectivity for our Western Scott County locations is needed to replace an existing failed microwave solution. Ethernet Transport Service (ETS) is a type of business class data connection that provides a private connection between business locations. Typically these connections are provided over fiber optic cabling which is limited in rural areas. We have reached out to multiple providers and obtained a limited number of options to provide the necessary 1 Gigabit connectivity to support our locations. We also researched replacement microwave options which could no longer meet the bandwidth requirements, and shipping leadtimes were approaching six months.

These connections are used for:

- Data connections
 - Centralized server access
 - Day to day computer usage
 - Point of sale terminals
 - Credit card readers
 - Networked printing
 - Time clocks for payroll purposes
- Telephone connections
 - Voice calls
 - Conferencing
- Video connections
 - Surveillance
- Management connections
 - Device management and monitoring

These are the quotes for 5 years of comparable service which provide the best price break over time.

The quote summary is as follows:

<u>Vendor</u>	<u>Total</u>
CS Technologies	\$ 39,900.00
Racom - to reach like bandwidth (250 MB x 4)	\$ 64,616.00
Century Link	\$ 159,000.00

It is recommended that the Board approve the quote from CS Technologies in the amount of \$39,900.00 for five years of service.

The CS Technologies proposal provides Scott County I.T. the ability to continue to provide the most reliable connectivity option for our Western Scott County locations. The prior service for this connection was via a microwave connection that failed earlier in the year, and a temporary connection was established to bring the locations back online.

Budget dollars are available in the Information Technology Department operational budget to fund this contract.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES
THAT THIS RESOLUTION HAS BEEN FORMALLY
APPROVED BY THE BOARD OF SUPERVISORS ON

DATE

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

December 21, 2021

APPROVING PURCHASE OF ETHERNET TRANSPORT SERVICE (ETS) DATA
SERVICES FOR WESTERN SCOTT COUNTY LOCATIONS

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

Section 1. The purchase of ETS Data Services from CS Technologies for a
period of 5 years in the amount of \$39,900.00 is hereby approved.

Section 2. This resolution shall take effect immediately.