

INFORMATION TECHNOLOGY

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November 15, 2019

To: Mahesh Sharma, County Administrator
From: Matt Hirst, Scott County Information Technology Director
Dave Donovan, SECC Director
Subject: Data Backup and Restore System

Quotes for a new data backup and restore system have been received and reviewed. This new system will take the place of a 10+ year old system that no longer meets data storage and restoration needs.

The existing data backup and restoration system uses 23 TB of older hard drive technology for approximately one week of rapid data restoration capability and tape based media cartridges which provided approximately three years of archive capability. This existing solution has a yearly maintenance cost of \$29,570.83 and an expansion cost of \$7000 for each additional TB of storage capacity.

The new system uses modern solid state hard drive technology along with standard hard drive technology to achieve approximately 90 days of rapid restoration capability and three years of archive capability. The expected life of the new system is in the 8 to 10 year range.

This solution will be used cooperatively for data protection of Scott County's enterprise data storage environment that includes the data of our partner agency SECC.

It's recommended that the Board approve the bid from Alliance Technology Group in the amount of \$556,000.00 which includes installation, training, and five years of support. Scott County will be responsible for \$390,000 of this cost and Scott Emergency Communication will be responsible for \$166,000.

Alliance Technology Group	\$556,000.00
SHI International	\$562,870.24
GHA Technologies Inc.	\$564,987.67
Peacock Enterprises Inc.	\$565,777.32
PCMG Inc.	\$573,961.44
Strictly Technology LLC.	\$573,961.46
B2B Computer Products	\$579,932.00
Bal's LLC	\$585,205.61
CDWG	\$675,618.98

This backup solution provides the following capabilities:

- Data protection for more than 200 line of business servers
- Data protection and archive of more than 100TB of enterprise data
- Rapid data recovery for business critical systems
- Back-up testing and reporting for business continuity purposes
- Unified web based management interface.

Budget dollars are available in the IT and SECC capital budgets to fund the cost of this solution.

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 SUPERVISOR

NOVEMBER 26, 2019

A RESOLUTION APPROVING PURCHASE OF UNITRENDS DATA BACKUP AND RESTORATION SYSTEMS

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

- Section 1. A joint purchase with SECC of a Unitrends data backup and restoration system from Alliance Technology Group with a total project cost of \$556,000 and Scott County cost of \$390,000 is hereby approved.
- Section 2. This resolution shall take effect immediately.