

## Facility and Support Services

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July 5, 2016

To: Mahesh Sharma  
County Administrator

From: Tammy Speidel  
Director, Facility and Support Services

Subj: HVAC Building Automation/Trane Building Control Units

The Courthouse, Jail and Administrative Center utilize a software based building automated system for HVAC equipment. A building automated system allows facility maintenance staff a tool to trouble shoot HVAC systems, provide energy management for all associated HVAC equipment, and to help ensure that HVAC equipment runs efficiently.

Currently we utilize a system called Tracer Summit which can be viewed by logging onto a computer located at each building. Trane Co. approached Facility & Support Services about changes to the current building automated product, and one of the changes brought to our attention was that Trane Co. would be discontinuing the production of their current building control units associated with automation systems. These building control units are currently still supported, but in an effort to be proactive rather than reactive Facility & Support Services implemented new enterprise technology in the current courthouse and annex projects to implement the web based enterprise building management system called Tracer ES.

SECC recently approved migrating to the new enterprise system, Sheriff Patrol Headquarters will utilize this technology and Secondary Roads is also exploring the option of implementing this system for their HVAC equipment.

The Tracer ES system will allow us to view and manage buildings remotely via a secure internet connection rather than having to visit each building to view the system, troubleshoot issues, and make corrections. Once logged on, the entire HVAC system's building control units, Air Handlers, Geo Thermal Pumps, set points, schedules, temperatures, and alarm logs can be viewed for proper monitoring of the building's HVAC system. This is achieved by providing a network connection to building control units, and then interfacing that information to a graphical screen for PC use.

Trane Co has provided a quote in the amount of \$55,250.00 for the remainder of the Courthouse, the Jail and the Administrative Center to move to this system.

This project is budgeted in the FY 2017 Capital Improvement Budget. I recommend the approval of this quote and the purchase of the system from Trane Company to transition the buildings to Tracer ES enterprise software.

I will be at the next Committee of the Whole meeting to answer any questions you or the Board may have.

CC: FSS Management Team

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

July 14, 2016

A RESOLUTION APPROVING THE PURCHASE OF TRACER ES FROM TRANE  
COMPANY IN THE AMOUNT OF \$55,250.00

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

Section 1. That the purchase of Tracer ES from Trane Company in the amount  
of \$55,250.00 is hereby approved.

Section 2. That the Director of Facility & Support Services is authorized to sign  
this contract.

Section 3. This resolution shall take effect immediately.