Woodbury County Board of Supervisors
Agenda Item(s) Request Form

Date: 5/21/2026 **Weekly Agenda Date:** 5/26/2026

Elected Official / Department Head / Citizen: John Malloy - WCICC-IT CIO

Wording for Agenda Item:

Authorize the Expenditure for the FY2027 CIP HCI Nutanix purchase

Action Required:

Approve Ordinance ☐ Approve Resolution ☐ Approve Motion ☑

Hold Public Hearing ☐ Informational ☐ Attachments ☐

Set Time _____

Reviewed by County Attorney's Office ☐

Background & Financial Impact:

The five-year warranty on the Nutanix HCI (Hyper-Converged Infrastructure) platform deployed by WCICC-IT expires near the end of the year. HCI technology consolidates enterprise storage, compute, and virtualization into a unified platform. The Nutanix environment currently hosts the majority of City and County enterprise systems, including Tyler Technologies, ESRI GIS, Microsoft SQL Server, CentralSquare, and numerous ancillary applications.

The architectural vision for 2026-2027 is to migrate the Motorola FLEX Public Safety environment (CAD, Jail, Records, Mobile, etc.) into the Nutanix platform, similar to the successful Tyler migration completed in 2023. Like FLEX today, Tyler previously operated on a standalone infrastructure stack for approximately five years before consolidation into the enterprise HCI environment.

Migrating FLEX into Nutanix enables IT to:
• Support a single enterprise infrastructure platform instead of multiple parallel environments
• Avoid procurement of a separate hardware and virtualization stack dedicated solely to FLEX
• Reduce long-term operational complexity
• Lower ongoing infrastructure and support costs
• Improve resiliency, scalability, and lifecycle management consistency across enterprise systems

A second major component of the upgrade initiative is the transition from the organization's decades-long deployment of VMware virtualization software to the Nutanix AHV hypervisor platform. VMware licensing and subscription costs have increased dramatically following industry licensing model changes, with projected costs increasing more than 600% over the past two years. Transitioning to AHV substantially reduces long-term virtualization licensing exposure while further integrating management within the Nutanix ecosystem.
The county's share of the project is not to exceed $800k.

Recommendation:

Authorize the Expediture for the FY2027 CIP HCI Nutanix purchase

Approved by Board of Supervisors on March 17, 2026