



Yamhill County
OREGON
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INFORMATION TECHNOLOGIES

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DATE: September 16, 2022

TO: Yamhill County Board of Commissioners; Ken Huffer, County Administrator;
Justin Hogue, Business Services Director

FROM: Shane Hoffman, IT Manager

SUBJECT: Purchase New Server/Storage Infrastructure

ATTACHMENTS (1): Structured quote

Request:

IT is requesting Board of Commissioners' approval to purchase new server/storage infrastructure. The server/storage procurement is a planned, budgeted expense for fiscal year 2022-23. The purchase will be paid for by account 110-1025017-80080 / Information Technology Fund / Capital Department Equipment.

Background:

Our current server/storage infrastructure is 5 years old and as of 8/1/23 the vendor will longer offer support for problems that may occur. Average vendor supported life cycles for servers/storage is about 5 – 7 years. Due to age, and the fact that we will lose vendor support in less than one year, we need to replace our current infrastructure with new infrastructure before support expires. Hardware failure without support could cause a significant impact to the county. We looked at three options: Dell VxRail, HPE dHCI, and Nutanix.

After thoroughly looking at these three options, Nutanix is our top seed for these business reasons:

1. Nutanix had a much lower cost than the other solutions while having similar hardware specifications.
2. Adding additional servers or replacing any that fail is much faster and more streamlined.
3. Nutanix eliminates the need for a separate SAN (Storage Area Network). Storage is built into the servers.
4. Maintenance and upgrades are a much faster and easier process compared to the other technologies as well as the technology we use today.

5. They have high rankings for user satisfaction.
6. We followed up with other Oregon government entities that are using Nutanix, and their feedback was very positive.

Due to the way the vendors work with partners on these larger scale projects, each vendor would only work with one partner. Structured introduced us to Nutanix and TechHeads introduced us to HPE and Dell, so we worked with each respective partner to get quotes for the products.

We received three quotes from two different vendors from which to purchase the three options. Due to the business drivers, age of our current equipment, and the fact that we will lose support in less than one year, I propose to purchase Nutanix and award Structured as the selected vendor. The cost comparisons are as follows:

Vendor	Cost
Structured	\$146,840.00
TechHeads	\$337,842.76
TechHeads	\$461,777.97

Thank you for your time and consideration.

Shane J Hoffman
 IT Manager
 Yamhill County

Accepted by Yamhill County
 Board of Commissioners on
9/22/22 by Board Order
 # 22-305