



MEMORANDUM

TO: The Honorable Mayor and City Council
FROM: Kinga Konkol, Assistant Director of Information Technology
DATE: April 17, 2023
SUBJECT: Recommendation for the purchase of a Virtual Server Host and Storage Solution

Request

Approve the resolution for the award of a Virtual Server Host and Storage Solution.

Background

The City runs a Virtual Server Host and Storage Solution that supports 42 virtual servers and provides 16.6 terabytes (TiB) of storage and 754 gigabytes (GB) of memory. This solution combines several different components of a traditional data center into a single, integrated system. It's designed to simplify the management and deployment of computing, storage, and networking resources.

This system provides numerous services including, Police evidence handling, fleet vehicle management, database servers, authentication and security services, files services, GIS (mapping), Public Works asset management, printing services, phone system management, time management, and video system management.

Our current system is provided by Nutanix and was purchased in 2018. This system has performed exceptionally well. The current hardware reaches its end-of-life in October of 2023 and will no longer be supported. This purchase will provide us with new hardware and software and also provides new cloud disaster recovery features that will allow us to continue running critical services even if we lose our data center.

Scope of Services

The scope of the project includes:

- 3 Nutanix nodes.
• Migrating 42 servers and 6.19 TiB of data to the new platform.
• Provide cloud-based disaster recovery functionality for critical servers and storage.
• Implementing 48 processing cores, 768 GB memory, and 54.66 TiB of storage.
• Configuration of cloud disaster recovery environment.

Bid Results

Bids were received from the following vendors:

Table with 2 columns: Vendor, Price. Rows include CDW Government LLC (\$159,104.49), SHI International Corp (\$166,825.00), and Carahsoft (\$204,422.88).



Procurement Review

Procurement staff reviewed the bid from CDW Government LLC for conformity with the City's terms and conditions and insurance requirements. CDW Government LLC is compliant with the bid requirements.

Budget Impact

The City budgeted funds in the Technology Replacement Fund (64130010-70035) for a total amount of \$ 167,175.

Recommendation

Staff recommends that the City Council adopt the resolution authorizing the purchase of a Virtual Server Host and Storage Solution from CDW Government LLC for a total amount not to exceed \$159,104.49. CDW and Nutanix have the experience, technical capability, and mature product offering to meet the City's needs.

The specifications proposal, quotation, and City's Purchase Order are on file in the City Clerk's office for review.

RESOLUTION R-2023-

A RESOLUTION AUTHORIZING THE EXECUTION OF AGREEMENT NO. 371 WITH CDW GOVERNMENT LLC. FOR A VIRTUAL SERVER HOST AND STORAGE SOLUTION FOR A TOTAL AMOUNT NOT TO EXCEED \$159,104.49

WHEREAS, the City of Wheaton, Illinois, (“City”) is an Illinois home rule municipality pursuant to the provisions of Article VII, Section 6, of the Illinois Constitution of 1970; and as such the City may exercise any power and perform any function pertaining to its government and affairs; and

WHEREAS, the City prepared a bid package (Bid Number 23-46) for a Virtual Server Host and Storage Solution; and

WHEREAS, the City solicited bids in a public bidding process and CDW Government LLC. was determined to be the lowest, responsive, responsible bidder with a bid amount of \$159,104.49; and

WHEREAS, the City budgeted funds in the Technology Replacement Fund for a total amount of \$167,175.00 for a Virtual Server Host and Storage Solution; and

WHEREAS, both parties agree to the terms and conditions set forth in the City’s agreement for a Virtual Server Host and Storage Solution; and

WHEREAS, the corporate authorities of the City of Wheaton, DuPage County, Illinois find it reasonable and appropriate to enter into an agreement with CDW Government LLC. located at 75 Remittance drive, Suite 1515, Chicago, Illinois 60675, for a Virtual Server Host and Storage Solution.

NOW THEREFORE, BE IT RESOLVED by the Mayor and the City Council of the City of Wheaton, Illinois, that:

The Mayor is hereby authorized to execute, and the City Clerk is hereby directed to attest to City of Wheaton Agreement No. 371 with CDW Government LLC. for a Virtual Server Host and Storage Solution; and a copy of that certain City of Wheaton Agreement No. 371 is on file with the City Clerk’s office and is incorporated herein as if fully set forth as Exhibit A.

ADOPTED this 17th day of April 2023.

Mayor

ATTEST:

City Clerk

Roll Call Vote:

Ayes:
Nays:
Absent: