



Legislation Text

File #: 24-0756, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 24-117, Blade Server Upgrade, to Continental Resources, for an amount not to exceed \$216,000 and for a five-year term

DEPARTMENT: Electric Utility

SUBMITTED BY: Brian Groth, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The City of Naperville - Electric Utility (Utility) operates its smart grid network out of two data centers located at the Electric Service Center (ESC) and the Municipal Center (MC). Both data centers contain blade servers to run the applications required for the smart grid network to function. As part of Capital Improvement Project (CIP) EU080 - Utility Infrastructure Hardware and Metering, the Utility will be replacing the blade servers and chassis at the ESC data center due to the end of service life of the existing equipment.

In May 2024, the Electric Utility issued Bid 24-117, Blade Server Upgrade, to purchase the HPE Blade Server to replace the existing equipment which has reached end of life. The bid also included options for maintenance and support.

DISCUSSION:

Advertisement Date:	05/29/2024	Notices Sent:	246
Opening Date:	06/17/2024	Planholders:	26
		Proposals Received:	4

Bids were received from the following vendors:

Vendor Name	Proposed Cost
Continental Resources	\$216,000.00
Hypertec USA, Inc.	\$253,802.98
SHI International Corp	\$474,179.20
vPrime Tech Inc.	\$502,086.65

Vendors were required to provide pricing for the base bid of the blade servers, along with three-year and five-year maintenance and support packages, as well as pricing for 3PAR SSD drives. The proposed costs submitted by the low bidder are as follows: total base bid plus five-year maintenance and support is \$165,000.00, and the 3PAR SSD drives are \$51,000.

Utility staff will complete the installation. The five-year maintenance and support will include hardware failure replacement, firmware updates, software updates and 24x7 technical support with a guaranteed four-hour response time.

The blade server is expected to be delivered by September 30, 2024. The maintenance and support term of the contract will be from September 30, 2024, to September 30, 2029.

FISCAL IMPACT:

CIP#:EU080

The HPE Blade Server upgrade is expensed to the Infrastructure account listed below. The HPE Blade Server upgrade is being completed in association with EU080. In 2024, the Electric Utility included \$655,000 in the budget for EU080. The requested award is within the budget for the expense, and staff will ensure proper funding is included in future year budgets for maintenance services.

Account Number	Fund Description	Total Budget Amount
40251300-551502	Electric Utility Fund	\$15,179,200