

Legislation Text

File #: BILL NO. 17-96, **Version:** 2

AN ORDINANCE APPROVING THE AWARD OF BID NO. 2017-107 PURCHASE AND MAINTENANCE SERVICES FOR VxRAIL HYPERCONVERGED INFRASTRUCTURE TO ALEXANDER OPEN SYSTEMS (AOS) AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$427,297.88. (F&BC 4-24-17)

Issue/Request:

AN ORDINANCE APPROVING THE AWARD OF BID NO. 2017-107 PURCHASE AND MAINTENANCE SERVICES FOR VxRAIL HYPERCONVERGED INFRASTRUCTURE TO ALEXANDER OPEN SYSTEMS (AOS) AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$427,297.88.

Key Issues:

- The existing equipment was purchased between 2009 and 2012 and core components are no longer under maintenance by the manufacturer.
- The equipment being replaced is the core storage and compute device for all city data, applications, and databases.
- We are currently out of space; with no room for expansion.
- The project is approximately \$60,000 under budget, and is funded out of annual deposits into City-wide MERP
- Creates redundancy in city storage and computing capacity for the first time.

Proposed City Council Motion:

I move for a second reading of AN ORDINANCE APPROVING THE AWARD OF BID NO. 2017-107 PURCHASE AND MAINTENANCE SERVICES FOR VxRAIL HYPERCONVERGED INFRASTRUCTURE TO ALEXANDER OPEN SYSTEMS (AOS) AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$427,297.88

I move for adoption of AN ORDINANCE APPROVING THE AWARD OF BID NO. 2017-107 PURCHASE AND MAINTENANCE SERVICES FOR VxRAIL HYPERCONVERGED INFRASTRUCTURE TO ALEXANDER OPEN SYSTEMS (AOS) AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$427,297.88.

Background:

The equipment being replaced with this purchase includes two Storage Area Network (SAN) devices, and the connected blade computing environment. These two components form the core of the City's computing and storage infrastructure. Virtually all storage needed for applications, databases, and file storage are contained in the existing SAN. The computing environment being replaced houses 90% of the 100 plus servers that the city maintains.

The existing equipment is over capacity, and not under any warranty by the manufacturer. We are currently under a 3rd party maintenance program; which is not an optimal position for the city to be in.

The form factor of the new equipment reduces the footprint in the server room by a factor of twenty times or more. There is similar reduction in the power consumption of the new equipment.

ITS currently maintains a SAN at both the Police Department, and at City Hall. But the two SANs are not identical, and are on different replacement schedules. With this acquisition we will have two separate redundant installations that are identical and on the same schedule for replacement. That will allow for failover of key systems and data should we lose one of the two locations. That is not possible with the current equipment.

The City-wide Managed Equipment Replacement Program (MERP) is funding this replacement. The funds to cover these expenses are accumulated over time allowing for significant capital investments, without trying to cover the large expense in one budget year. Because of technology changes, the cost of the new equipment is below what was budgeted, which will allow ITS to better manage future investments in MERP.

971 Potential suppliers were notified via Public Purchase
3 bids were received

Impact/Analysis:

[Enter text here]

Timeline:

Start: ____

Finish: ____

Other Information/Unique Characteristics:

[Enter text here]

Presenter: Steve Marsh, Chief Technology Officer

Recommendation: Staff recommends approval of AN ORDINANCE APPROVING THE AWARD OF BID NO. 2017-107 PURCHASE AND MAINTENANCE SERVICES FOR VxRAIL HYPERCONVERGED INFRASTRUCTURE TO ALEXANDER OPEN SYSTEMS (AOS) AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$427,297.88.

Committee Recommendation: Finance and Budget Committee voted unanimously (4-0) to recommend to City Council approval of AN ORDINANCE APPROVING THE AWARD OF BID NO. 2017-107 PURCHASE AND MAINTENANCE SERVICES FOR VxRAIL HYPERCONVERGED INFRASTRUCTURE TO ALEXANDER OPEN SYSTEMS (AOS) AND AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE SAME IN THE AMOUNT OF \$427,297.88.