



Date: April 14, 2022
To: Board of Directors
From: Rick Benson, Interim General Manager
Subject: Computer Server Purchase

Recommendation:

Authorize the Interim General Manager to purchase a computer server in the amount of \$17,456.

Rationale for Recommendation:

The district is in need of a new computer server. Funds for this purpose were appropriated at the midyear budget review.

Background:

At your February 10, 2022 meeting your Board approved an appropriation of \$19,000 for this purpose and directed staff to explore possible alternatives to purchasing a new server. Specifically, it was requested that the District review a cloud-based option.

Discussion and Analysis:

The Police Chief contacted the Department of Justice and reviewed their requirements for converting to a cloud-based system. It's been determined that at the present time this is not a viable option for our department. Essentially, to be allowed to utilize a cloud storage system would require a much more sophisticated operation. There are several safeguards which must be in place that are currently beyond the means of the District. Undoubtedly, moving to a cloud-based system will happen someday, but for now an in-house server is still required.

In addition to the server proposal brought forward by the District's IT provider, staff shopped for a server from other vendors. We found that the proposal from Rubiconn, provided us with the lowest cost option.

Fiscal Impact:

The cost of the new server, with installation, is \$17,456. \$19,000 was appropriated through a budget transfer at your February Board meeting.

Attachment:

- System price quote



Rubiconn, LLC
 5424 Sunol Blvd #175
 Pleasanton, CA 94566

Estimate

Date	Estimate #
12/27/2021	3260

Name / Address
Kensington Police Department 217 Arlington Avenue Kensington, CA 94707

Project

Description	Qty	Rate	Total
Supermicro Superserver SYS-7049GP TRT 2 X ® Xeon® Silver 4215 Processor 8- Core 2.5GHz 11MB Cache (85W) 12x 8GB PC4-21300 2666MHz DDR4 ECC RDIMM 1x 512GB M.2 PCIe NVME Drive 3x 6.4TB Micron 9300 MAX Series U.2 PCIe 3.1 x4 NVMe SSD (Install 2 + 1 Spare) 1x Supermicro AOC-SLG3-4E4T-O NVME AOC 3x NVMe version of 3.5" HDD Tray (Convert 3.5" to 2.5" for 747/936/938) 3 year warranty	1	13,750.00	13,750.00T
Layer 3, PoE switch with (48) GbE RJ45 ports, including (40) 802.3at PoE+ ports and (8) 802.3bt PoE++ ports, and (4) 10G SFP+ ports. (For enhanced security and control of network hardwired devices)	1	1,099.00	1,099.00T
		Subtotal	
		Sales Tax (9.25%)	
		Total	



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<p>APC NetShelter 12U Wallmount Rack Enclosure Cabinet Switch Depth Wall-Mountable server and network equipment rack</p> <p>Reversible Door & Security Upgrade Option The cabinet's door is reversible and is compatible with APC's Netbotx security upgrade to provide remote access, video surveillance, and environmental monitoring (sold separately).</p> <p>Ventilated Wall Rack Cable and Accessories Optional 120V fan tray can be top or bottom mounted (sold separately) Both the top and bottom feature knockouts of 1/2U mounting space for accessories. And several APC Smart-UPS models low-profile provide easy UPS integration and mounting</p> <p>Specifications 12U Wall mount cabinet, mounting depth range of 2.87 to 12.95 inches, 200lb weight capacity, 19" rack width, ships fully assembled, ventilated with accessory integration options, 5 year APC warranty</p>	1	442.50	442.50T
<p>Delivery, installation and configuration of server and OS. Migration of servers from old platform to new. Testing and security configuration</p>	1	750.00	750.00
Subtotal			\$16,041.50
Sales Tax (9.25%)			\$1,414.46
Total			\$17,455.96