



ADMINISTRATIVE SERVICES

240 Columbus Ave.
Sandusky, Ohio 44870

To: Eric Wobser, City Manager
From: Stuart Hamilton, I.T Manager
Date: November 30th, 2021
Subject: **Commission Agenda Item – Virtual Environment Refresh**

ITEM FOR CONSIDERATION: Requesting legislation authorizing the City Manager to purchase product and services from Computers at Work, Inc. d.b.a. vTECHio of Naples, FL, through the State of Ohio, Department of Administrative Services, Cooperative Purchasing Program to supply, install and configure a replacement virtual environment solution in the amount of \$133,804.41.

BACKGROUND INFORMATION: In 2017 the City of Sandusky moved our critical infrastructure from a physical environment to a virtual environment. This was a huge step forward at the time allowing us to be more flexible and more recovery resilient. This virtual environment now runs all our services within the city and does so on minimal hardware due to the virtualization technology and the flexibility it provides. The current system carried a three-year warranty on it which expired in early 2021. At that time to save money we opted to purchase a one-year warranty extension to get us through. This option worked well for us but should not be considered a long-term solution. Currently, replacing this hardware with a modern and supported solution is critical to ensure uninterrupted service.

This project will install a highly available and redundant virtual environment consisting of server hardware and a compatible storage array that has enough capacity to grow with our ever-increasing data requirements.

Equipment will be purchased from the Ohio State Contract # 534109.

BUDGETARY INFORMATION: The total cost of this virtual environment refresh will be \$133,804.41, with \$66,902.20 being paid by the I.T operating budget, \$33,451.11 by the Water Fund and \$33,451.10, by the Sewer Fund.

ACTION REQUESTED: It is recommended that the proper legislation be prepared authorizing the City Manager to purchase product and services from Computers at Work, Inc. d.b.a. vTECHio of Naples, FL, through the State of Ohio, Department of Administrative Services, Cooperative Purchasing Program to purchase the necessary equipment, install and configure a replacement virtual environment. It is requested that this legislation take effect in full accordance with Section 14 of the City Charter, to place the order as soon as possible as there is a long lead time on this system due to electronic shortages.

I concur with this recommendation:

Eric Wobser, City Manager

Stuart Hamilton, I.T Manager

cc: Cathy Meyers, Commission Clerk; M. Reeder, Finance Director; B. Heil, Law Director



2338 Immokalee Rd. #151
 Naples, FL 34110
 Phone: (239) 514-2888
 Fax: (239) 236-2232
www.VTECHio.com

PROPOSAL

CAWQ22172-03

Nov 17, 2021

Prepared For:

City of Sandusky
 Stuart Hamilton
 240 Columbus Ave.
 Sandusky, OH 44870
 United States

Phone (419) 627-5969
Fax

Presented By:

Jon Vandertill
 jon.vandertill@vTECHio.com
 (440) 715-3591

To accept this proposal, sign here and return:

Date: _____

Customer Purchase Order Number: _____

Please review quote for shipping address and accuracy of each item BEFORE placing order.

Terms: Net 30 Days

Description	Unit Price	Qty	Ext. Price
PowerEdge R650 Server 8x2.5 Front Storage SAS/SATA Backplane No Rear Storage Trusted Platform Module 2.0 V3 2.5" Chassis with up to 8 Hard Drives (SAS/SATA), 3 PCIe Slots, 2 CPU Intel Xeon Gold 5317 3G, 12C/24T, 11.2GT/s, 18M Cache, Turbo, HT (150W) DDR4-2933 Intel Xeon Gold 5317 3G, 12C/24T, 11.2GT/s, 18M Cache, Turbo, HT (150W) DDR4-2933 Additional Processor Selected Heatsink for 2 CPU configuration (CPU less than or equal to 165W) Performance Optimized 3200MT/s RDIMMs RAID 1 PERC H755 SAS Front Front PERC Mechanical Parts, front load Power Saving Dell Active Power Controller UEFI BIOS Boot Mode with GPT Partition 4 Standard Fans for 2 CPU Dual, Hot-plug, Redundant Power Supply (1+1) 1100W, Mixed Mode Titanium Riser Config 0, 2CPU, Half Length, Low Profile, 3 x16 Slots, SW GPU Capable PowerEdge R650 Motherboard iDRAC9, Enterprise 15G Intel X710-T4L Quad Port 10GbE BASE-T, OCP NIC 3.0 LCD Bezel Luggage Tray x8 and x10 Chassis, R650 BOSS Blank Quick Sync 2 (At-the-box mgmt) iDRAC,Factory Generated Password iDRAC Group Manager, Disabled No Operating System No Media Required	\$17,086.08	3	\$51,258.24

Continued On Next Page ...

Description	Unit Price	Qty	Ext. Price
Cable Management Arm ReadyRails Sliding Rails Without Cable Management Arm or Strain Relief Bar No Systems Documentation, No OpenManage DVD Kit PowerEdge R650 Shipping R650 Ship 8x2.5 PowerEdge R650 Non BIS Marking PowerEdge R650 CE, CCC, Marking US Order Custom Configuration Dell Hardware Limited Warranty Plus Onsite Service ProSupport Next Business Day Onsite Service After Problem Diagnosis 3 Years ProSupport 7x24 Technical Support and Assistance 3 Years Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355 (QTY 12) 32GB RDIMM, 3200MT/s, Dual Rank 16Gb BASE x8 (QTY 2) 480GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, (QTY 2) Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	\$5,029.75	1	\$5,029.75
Dell EMC Switch S4112T, 12 x 10GBaseT, 3 x 100GbE QSFP28, IO to FAN, 2 x AC PSU			
VLT Tech Sheet Document OS10 Enterprise, S4112T Dell EMC Networking S4112-ON Americas User Guide Dell Networking Dual Tray, one Rack Unit, 4-post rack only, S4112 Dell Hardware Limited Warranty 1 Year ProSupport:Next Business Day Onsite Service After Problem Diagnosis, 1 Year ProSupport:Next Business Day Onsite Service After Problem Diagnosis, 2 Years Extended ProSupport:7x24 HW/SW Technical Support and Assistance, 3 Years Dell Limited Hardware Warranty Extended Year(s) Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355 Info 3rd Party Software Warranty provided by Vendor Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13 Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13 Dell Networking Cable, 100GbE QSFP28 to QSFP28, Passive Copper Direct Attach Cable, 0.5 Meter	\$4,966.23	1	\$4,966.23
Dell EMC Switch S4112T, 12 x 10GBaseT, 3 x 100GbE QSFP28, IO to FAN, 2 x AC PSU			
VLT Tech Sheet Document OS10 Enterprise, S4112T Dell EMC Networking S4112-ON Americas User Guide Dell Hardware Limited Warranty 1 Year ProSupport:Next Business Day Onsite Service After Problem Diagnosis, 1 Year ProSupport:Next Business Day Onsite Service After Problem Diagnosis, 2 Years Extended ProSupport:7x24 HW/SW Technical Support and Assistance, 3 Years Dell Limited Hardware Warranty Extended Year(s) Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355 Info 3rd Party Software Warranty provided by Vendor Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13			

Description	Unit Price	Qty	Ext. Price
Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13 Dell Networking Cable, 100GbE QSFP28 to QSFP28, Passive Copper Direct Attach Cable, 0.5 Meter			
PowerStore 1000T BASE ENC. FLD INST	\$72,550.19	1	\$72,550.19

384GB Appliance DIMM 192GB Per Node
Thank you for choosing Dell EMC
PowerStore Base SW
10GBASE-T 4 PORT CARD PAIR
Dual 1800W (200-240V) Power Supply, includes C13/C14 Power Cords
BASE UNIT CONFIG KIT
Thank you for buying Dell EMC
Parts Only Warranty 12 Months
ProSupport and 4Hr Mission Critical Extension, 24 Month(s)
ProSupport and 4Hr Mission Critical Initial, 12 Month(s)
Thank you for buying Dell EMC
US Order
(QTY 15) P1 25X2.5 NVME SED SSD 1.92TB
AppSync for PowerStore
ProSupport Mission Critical for AppSync Starter Pack Software Support Contract 3 Years
AppSync Str Pk for PowerStore=CB
ProSupport Mission Critical for AppSync Starter Pack Software Support Maintenance 3 Years

Installation by Dell Certified Engineer

Computers at Work, Inc. DBA vTech is an authorized Contract Reseller for the Ohio State Term Schedule for Computers, Software, Supplies & Services, Schedule No. 534109, Index No. STS-033, Dealer ID 534109-38
Vendor: Dell Marketing, L.P. The Contract code for Ohio STS transactions is 30AHH

	Subtotal	\$133,804.41
Your investment in addition to the Grand Total:	Tax	\$0.00
<i>\$0.00 Billed Monthly</i>	Shipping	\$0.00
<i>\$0.00 Billed Quarterly</i>	Grand Total	\$133,804.41
<i>\$0.00 Billed Annually</i>		

Pricing, Taxes, and Additional Information

All product, pricing, and other information is valid for U.S. customers and U.S. addresses only, and is based on the latest information available and may be subject to change. vTechio reserves the right to cancel quotes and orders arising from pricing or other errors. Sales tax on products shipped is based on your "Ship To" address. Please indicate any tax-exempt status on your PO, and email your exemption certificate to DJ.peterson@vtechio.com . Note: All tax quoted above is an estimate; final taxes will be listed on the invoice. If you have any questions regarding tax please send an e-mail to DJ.peterson@vtechio.com

For certain products shipped to end-users in California, a State Environmental Fee will be applied to your invoice.***A 3.5% convenience fee will be charge for credit card purchases*** By signing this quote you acknowledge having read and agree to be bound by such terms.

CERTIFICATE OF FUNDS

In the Matter of: Virtual Server Environment Refresh

IT IS HEREBY CERTIFIED that the moneys required to meet the obligations of the City of Sandusky under the foregoing Contract have been lawfully appropriated for such purposes and are in the treasury of the City of Sandusky or are in the process of collection to an appropriate fund, free from any previous encumbrances. This certificate is given compliance with Sections 5705.41 and 5705.44, Ohio Revised Code.

Account # 110-7080-54001, 612-5900-54001, 613-5900-54001

By: 

Michelle Reeder

Finance Director

Dated: 12/8/2021

ORDINANCE NO. 21-194

AN ORDINANCE AUTHORIZING AND DIRECTING THE CITY MANAGER TO ENTER INTO AN AGREEMENT FOR THE PURCHASE AND INSTALLATION OF A REPLACEMENT VIRTUAL ENVIRONMENT SYSTEM FROM COMPUTERS AT WORK, INC. OF NAPLES, FLORIDA D.B.A. VTECHIO, THROUGH THE STATE OF OHIO DEPARTMENT OF ADMINISTRATIVE SERVICES COOPERATIVE PURCHASING PROGRAM; AND DECLARING THAT THIS ORDINANCE SHALL TAKE IMMEDIATE EFFECT IN ACCORDANCE WITH SECTION 14 OF THE CITY CHARTER.

WHEREAS, the City Commission authorized the purchase of a virtual server with external storage and licensing from UltraLevel, Inc. of Southfield, Michigan, through the State of Ohio Department of Administrative Services Cooperative Purchasing Program by 17-191, passed on October 10, 2017; and

WHEREAS, the virtual environment runs all of the City's services on minimal hardware due to the virtualization technology and the flexibility it provides and the system's warranty expired in early 2021 and was extended for a one (1) year period; and

WHEREAS, this purchase and installation will provide for a highly available and redundant virtual environment consisting of server hardware and compatible storage with the capacity to grow with the ever-increasing data requirements; and

WHEREAS, the products and services for the virtual environment system from Computers at Work, Inc. of Naples, Florida, d.b.a. vTECHio, are available through the State of Ohio Department of Administrative Services Cooperative Purchasing Program, thereby, allowing local political subdivisions to purchase items that have been competitively bid from the successful state vendor giving the City the benefit of the State's negotiated price and eliminating the necessity of formal bidding; and

WHEREAS, the total cost of the virtual environment system is \$133,804.41 and will be paid with funds from the Information Technology's budget in the amount of \$66,902.20 and Water Funds in the amount of \$33,451.11, and with Sewer Funds in the amount of \$33,451.10; and

WHEREAS, this Ordinance should be passed as an emergency measure under suspension of the rules in accordance with Section 14 of the City Charter to expedite the order to allow for long lead times on this system due to electronic shortages; and

WHEREAS, in that it is deemed necessary in order to provide for the immediate preservation of the public peace, property, health, and safety of the City of Sandusky, Ohio, and its citizens, and to provide for the efficient daily operation of the Municipal Departments, including the Department of Information Technology, of the City of Sandusky, Ohio, the City Commission of the City of Sandusky, Ohio finds that an emergency exists regarding the aforesaid, and that it is advisable that this **Ordinance** be declared an emergency measure which will take immediate effect in accordance with Section 14 of the City Charter upon its adoption; and NOW, THEREFORE,

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BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF SANDUSKY, OHIO, THAT:

Section 1. The City Manager is authorized and directed to enter into an agreement for the purchase and installation of a replacement virtual environment system from Computers at Work, Inc. of Naples, Florida, d.b.a. vTECHio, through the State of Ohio Department of Administrative Services Cooperative Purchasing Program, Contract #534109, at an amount **not to exceed** One Hundred Thirty Three Thousand Eight Hundred Four and 41/100 Dollars (\$133,804.41).

Section 2. If any section, phrase, sentence, or portion of this Ordinance is for any reason held invalid or unconstitutional by any Court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision, and such holding shall not affect the validity of the remaining portions thereof.

Section 3. This Commission finds and determines that all formal actions of this City Commission concerning and relating to the passage of this Ordinance were taken in an open meeting of this City Commission and that all deliberations of this City Commission and of any of its committees that resulted in those formal actions were in meetings open to the public in compliance with the law.

Section 4. That for reasons set forth in the preamble hereto, this Ordinance is hereby declared to be an emergency measure which shall take immediate effect in accordance with Section 14 of the City Charter upon its passage, and its due authentication by the President, and the Clerk of the City Commission of the City of Sandusky, Ohio.



RICHARD R. BRADY
PRESIDENT OF THE CITY COMMISSION



ATTEST:

CATHLEEN A. MYERS
CLERK OF THE CITY COMMISSION

Passed: December 13, 2021