

MEMORANDUM

TO: Board of Trustees

THROUGH: Bobby Magee, District General Manager

FROM: Mike Gove, Director of IT/IS

SUBJECT: Review, Discuss, and Authorize staff to execute a Purchase Order to procure two Nutanix Server Clusters and Host Operating System Licenses with 3 years of manufacture support to replace current end of life systems. – FY25 Capital Improvement Project; Fund: General Division: Administration; Project # 1213CO2606; Vendor: SHI International in the amount of \$274,999.69. (Requesting Staff Member: Director of Information Technology Mike Gove)

DATE: July 10, 2024

I. RECOMMENDATION

Review, Discuss and Authorize staff to execute a Purchase Order to procure two Nutanix Server Clusters and Host Operating System Licenses with 3 years of manufacture support to replace current end of life systems. – FY25 Capital Improvement Project; Fund: General Division: Administration; Project # 1213CO2606; Vendor: SHI International in the amount of \$274,999.69

II. BACKGROUND

The District's Virtual Server infrastructure operates 71 Virtual Servers that provide digital services for the entire District. The virtual server clusters are divided between the two data centers, one at the Administration Building and one at the Public Works building. The current server hardware, placed into operation in August of 2019, will reach its end of life in August of '24, with an end of support from the manufacturer following in December of '24. In addition to this, the host operating system licenses on the current clusters are set to expire July 27th, 2024 – 5 years after they were initially purchased. The proposed clusters are

Hardware copies of the current system. This has been intentionally done to allow the current Microsoft Server licenses to be transitioned to these clusters upon installation. As staff continue to push services to the cloud, the District's need for on premise computing and storage hardware of this caliber will lessen as such, the costs of replacement, operation, and support will follow.

Staff have worked with the Vendor to receive a temporary extension of the current cluster licenses and support to allow for shipment, installation, and migration times once this item has been authorized.

III. BID RESULTS

This item is not subject to competitive bidding within the meaning of Nevada Revised Statute (NRS) 332.115 as described in subsections (g) Hardware and associated peripheral equipment and devices for computers and (h) software for computers. In addition, this proposal is being competitively procured under the public sector pre-negotiated Omnia Partners - IT Solutions Contract #: 2018011-02 as reflected in the attached quote.

IV. FINANCIAL IMPACT AND BUDGET

This item has been on the CIP plan since 2019, when the current hardware was budgeted, purchased, and implemented. Staff will be adding a 2-year license and support extension to the budget for FY28 which will enable the District to receive the five years of expected services from this project's investment.

V. ALTERNATIVES

Due to the criticality of these clusters to the District's operations, any alternative would have catastrophic results for the District's hosted digital business processes.

VI. COMMENTS

The criticality of this item, without authorization to move forward, would result in all of the onsite hosted digital business processes to cease to operate after July 27th, 2024, when the current Host OS license and support expires; this would force the District back to "pen and paper operations".

VII. BUSINESS IMPACT/BENEFIT

This is not a "rule" within the meaning of Nevada Revised Statutes, Chapter 237, and does not require a Business Impact Statement.

VIII. ATTACHMENTS

1. Nutanix Server Quote - SHI

IX. DECISION POINTS NEEDED FROM THE BOARD OF TRUSTEES

Authorization to procure the needed Hardware and Software licenses and support.



Pricing Proposal
 Quotation #: 24974486
 Created On: 6/13/2024
 Valid Until: 7/13/2024

NV-Incline Village General Improvement District

Inside Account Executive

Mike Gove

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All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 Subscription, Nutanix Cloud Infrastructure (NCI) Pro Software License & Production Software Support Service for 1 CPU Core Nutanix - Part#: SW-NCI-PRO-PR Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	108	\$872.01	\$94,177.08
2 Term in months Nutanix - Part#: TERM-MONTHS Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	36	\$0.00	\$0.00
3 24/7 Production Level HW Support for Nutanix HCI appliance Nutanix - Part#: S-HW-PRD Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	3	\$955.06	\$2,865.18
4 Support Term in Months Nutanix - Part#: SUPPORT-TERM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	36	\$0.00	\$0.00
5 Subscription, Nutanix Cloud Infrastructure (NCI) Pro Software License & Production Software Support Service for 1 CPU Core Nutanix - Part#: SW-NCI-PRO-PR Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	108	\$872.01	\$94,177.08
6 Term in months Nutanix - Part#: TERM-MONTHS Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	36	\$0.00	\$0.00
7 24/7 Production Level HW Support for Nutanix HCI appliance Nutanix - Part#: S-HW-PRD Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	3	\$958.36	\$2,875.08

8	Support Term in Months Nutanix - Part#: SUPPORT-TERM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	36	\$0.00	\$0.00
9	Platform Integration Fee Nutanix - Part#: PLATFORM INTEGRATION Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	1	\$0.00	\$0.00
10	Platform Integration Fee Nutanix - Part#: PLATFORM INTEGRATION Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	1	\$0.00	\$0.00
11	NX-1365-G9 3 Node; 2x Intel Xeon-Gold 6416H processor 2.2 GHz/ 18-core/ 165W Sapphire Rapids per node Nutanix - Part#: NX-1365-G9-6416H-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	1	\$24,881.60	\$24,881.60
12	64GB Memory Module (4800MHz DDR5 RDM) Nutanix - Part#: C-MEM-64GB-4800-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	24	\$266.84	\$6,404.16
13	18TB, 3.5" HDD Nutanix - Part#: C-HDD-18TB-AB-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$445.05	\$2,670.30
14	7.68 TB SSD Nutanix - Part#: C-SSD-7.68TB-B-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	3	\$1,291.91	\$3,875.73
15	LOM Module: Broadcom 10GbE 2-port Base-T NIC (BCM 57416) Nutanix - Part#: C-LOM-10G2D1BT-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	3	\$262.01	\$786.03
16	SMC 25/10GbE, 2-port, NIC (BCM 57414);transceiver not included Nutanix - Part#: C-NIC-25G2D1-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	3	\$362.40	\$1,087.20
17	C13/C14, 10A, 4ft Power cord Nutanix - Part#: C-PWR-4FC13C14A-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	2	\$13.43	\$26.86
18	NX-1365-G9 3 Node; 2x Intel Xeon-Gold 6416H processor 2.2 GHz/ 18-core/ 165W Sapphire Rapids per node Nutanix - Part#: NX-1365-G9-6416H-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	1	\$24,463.00	\$24,463.00
19	64GB Memory Module (4800MHz DDR5 RDM) Nutanix - Part#: C-MEM-64GB-4800-CM	24	\$266.84	\$6,404.16

Contract Name: Omnia Partners - IT Solutions
Contract #: 2018011-02

20	18TB, 3.5" HDD Nutanix - Part#: C-HDD-18TB-AB-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$445.05	\$2,670.30
21	7.68 TB SSD Nutanix - Part#: C-SSD-7.68TB-B-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	3	\$1,299.46	\$3,898.38
22	LOM Module: Broadcom 10GbE 2-port Base-T NIC (BCM 57416) Nutanix - Part#: C-LOM-10G2D1BT-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	3	\$262.01	\$786.03
23	Mellanox 25/10GbE, 2-port, NIC (Mellanox CX6);transceiver not included Nutanix - Part#: C-NIC-25G2A2-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	3	\$408.22	\$1,224.66
24	C13/C14, 10A, 4ft Power cord Nutanix - Part#: C-PWR-4FC13C14A-CM Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	2	\$13.43	\$26.86

Shipping \$1,700.00
Total \$274,999.69

Additional Comments

Nutanix has a no returns policy.

The following EULA applies to all Nutanix items on this quote:

- Your use of the software is subject to the Nutanix customer agreement at <https://www.nutanix.com/legal/eula>

Hardware items on this quote may be updated to reflect changes due to industry wide constraints and fluctuations.

- By issuing a purchase order or acknowledging this quote, when applicable, Customer certifies that employees at each of their locations adhere to all applicable export and re-export control laws and regulations covering the distributed products purchased and/or received by the Customer.
- By issuing a purchase order or acknowledging this quote, and when applicable, Customer understands that the commodities, software and/or technology ("Items") it purchases or receives under this quote may be subject to export, re-export, or other restrictions. Customer agrees to comply with all applicable laws and regulations relating to the export and re-export of such Items obtained by Customer.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date set above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.
TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The products offered under this proposal are resold in accordance with the terms and conditions of the Contract referenced under

that applicable line item.