



**CITY OF NOVI CITY COUNCIL
APRIL 12, 2020**

SUBJECT: Approval to purchase a Dell Virtual Server Storage Array from Access Interactive in the amount of \$90,738 using a competitively bid contract through the Oakland County G2G Marketplace.

SUBMITTING DEPARTMENT: Integrated Solutions, Technology Division

EXPENDITURE REQUIRED	\$90,738
AMOUNT BUDGETED	\$90,740
APPROPRIATION REQUIRED	\$0
LINE ITEM NUMBER	101-205.00-986.021

BACKGROUND INFORMATION: The City of Novi's Integrated Solutions Technology Division leverages the benefits of a virtual server environment to provide technology solutions to individual department operations that positively impact the City's citizens. A virtual server architecture allows the Technology Division the flexibility to expand and contract our server and storage environment as the City's operational requirements require. Access Interactives Dell Virtual Server Storage Array provides a scalable architecture that delivers enhanced storage performance and the reliability the City demands. The Dell Virtual Server Storage Array will replace the current Dell EqualLogic System that has reached the end of its life cycle.

RECOMMENDED ACTION: Approval to purchase a Dell Virtual Server Storage Array from Access Interactive in the amount of \$90,738 using a competitively bid contract through the Oakland County G2G Marketplace.



**VSI Project
Dell R640 Servers**

***Oakland County G2G Pricing
CONTRACT NUMBER: 004561***

Prepared by:



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Access Interactive Company Overview

Access Interactive provides technology solutions, services and support to business, educational and government organizations since 1985. Our business focus is helping our Clients make the most of technology investments. Over the last 35 years Access has experienced significant growth to establish itself as a \$35 million organization proudly retaining over 65 full-time employees. We pride ourselves on being large enough to be extremely competitive and small enough to pay personal attention to our customers. We have an unwavering commitment to providing the best solutions, service and support to our customers.

Our highly-skilled technical services group includes over 30 full-time technicians including VMware, Microsoft, Cisco and Dell certified system engineers. Our technicians are available to you for projects ranging from on-site break/fix services to full-scale WAN/LAN integration, remote access, IP telephony and more.

Access Interactive sales consultants are technically astute and have an average over 20 years of industry experience. They are ready to apply their knowledge and technical expertise to recommending the best products and solutions and to providing efficient project management.

It is our focused mission to implement the best products, service and support in the industry to our clients.

Strategic Directive

Access Interactive's initial, primary focus in City of Novi's upcoming project is an in depth review of the organizational environment. Gathering momentum from the initial meetings; we're confident Access can offer credible short term recommendations / solutions in order to create a strong long lasting relationship. Our relationships with our clients grow based on strong commitment and Access Interactive's willingness to go the extra mile. Access Interactive prides itself on communication, documentation and thirst for industry knowledge. These traits, coupled with cross trained technical aptitude, contribute greatly to our overall success. We look forward to working with an organization that has a firm grasp on their field, and knowledge of how their ever changing IT infrastructure can elevate them to new levels of achievement.

City of Novi Organizational Needs

- Risk Planning and Mitigation
- Upgrade existing Infrastructure and Applications
- Prepare New Infrastructure for Growth or New Applications
- Faster and Granular Snapshots
- Enhance Performance
- Support for Legacy product integration
- Central and Expansive I.T. Administration Management Dashboard
- Latency resistant Design
- Simplified Infrastructure
- Optimize support and integration

Solution Synopsis

The proposed application performance solution provides a scalable, secure, cost effective foundation for City of Novi. There are several components that work together to provide a network that has excellent performance, is easy to manage, provides fault tolerance and secure data backups.

These components are:

- Dell R640 vSAN Ready Nodes



Dell PowerEdge R640 – 256GB RAM and 15.2TB Raw Capacity in each Virtual SAN server

Description	Quantity
PowerEdge R640 Server	1
PowerEdge R640 MLK Motherboard	1
No Trusted Platform Module	1
2.5 Chassis with up to 10 Hard Drives and 3PCIe slots	1
PowerEdge R640 Shipping	1
PowerEdge R640 x4 and x10 Drive Shipping Material	1
PowerEdge R640 CE, CCC, BIS Marking	1
Intel Xeon Gold 6240 2.6G, 18C/36T, 10.4GT/s, 24.75M Cache, Turbo, HT (150W) DDR4-2933	1
No Additional Processor	1
Blank for 1CPU Configuration	1
Standard 1U Heatsink	1
3200MT/s RDIMMs	1
Performance Optimized	1
No RAID	1
HBA330 12Gbps SAS HBA Controller (NON-RAID), Minicard	1
BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),LP	1
iDRAC9, Express	1
iDRAC Group Manager, Disabled	1

iDRAC, Legacy Password	1
Riser Config 4, 2x16 LP	1
Intel X710 Dual Port 10GbE SFP+ & i350 Dual Port 1GbE, rNDC	1
No Internal Optical Drive	1
5 Standard Fans for R640	1
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	1
Standard Bezel	1
Dell EMC Luggage Tag for x10	1
Quick Sync 2 (At-the-box mgmt)	1
Power Saving Dell Active Power Controller	1
UEFI BIOS Boot Mode with GPT Partition	1
ReadyRails Sliding Rails With Cable Management Arm	1
No Systems Documentation, No OpenManage DVD Kit	1
Dell Hardware Limited Warranty Plus On-Site Service	1
ProSupport: Next Business Day On-Site Service After Problem Diagnosis, 3 Years	1
ProSupport: 7x24 HW/SW Technical Support and Assistance, 3 Years	1
32GB RDIMM, 3200MT/s, Dual Rank	8
960GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, 5256 TBW	2
3.84TB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive, 1 DWPD, 7008 TBW	4
Intel X710 Dual Port 10GbE SFP+ Adapter, PCIe Low Profile	1
Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	2

Dell PowerEdge R640 with 3-Year Support

Qty. 6 @ \$ 15,063.00 each **\$ 90,378.00**

PROJECT COSTS:

EQUIPMENT: \$ 90,378.00
MI SALES TAX: \$ EXEMPT
SUBTOTAL: \$ 90,378.00
SERVICES: \$ 0.00
SHIPPING: \$ NA
TOTAL: \$ 90,378.00

Quote Valid for 30-Days. Prices Subject to Change with Notice Depending on Current Market Conditions. Shipping charges not included. Terms: 50% Upon Acceptance, 25% Upon Delivery, Remainder Net 30. 25% Restocking Fee Applied to Project Costs for Returned Merchandise. UPS not included.

Authorized Signature: _____ **Date:** _____

Printed Name: _____ **Purchase Order No:** _____