

ATTACHMENT A

Scope of Work



SCOPE OF WORK

1. GENERAL REQUIREMENTS

- A. The Contractor shall provide five (5) new Dell PowerEdge XR5610 Servers. These servers will serve as Network Video Recorders (NVRs) for VRE's existing security camera system.
- B. Each server shall include high performance 6400MT/s RDIMM of total system memory to support demanding video recording and processing tasks.
- C. The Contractor shall also provide enterprise-grade warranty and support for each server, specifically Dell Hardware Limited Warranty Plus Onsite Service, three (3) years of ProSupport Next Business Day Onsite Service After Problem Diagnosis, ProDeploy PowerEdge XR Series (1U/2U), and three (3) years of ProSupport 7x24 Technical Support and Assistance, ensuring maximum uptime and rapid issue resolution.

2. SPECIFIC REQUIREMENTS

The servers provided by the Contractor shall meet the following requirements for form, fit, and function.

A. **Server Hardware**

- 1. PowerEdge XR5610 Server
- 2. XR5610 System Motherboard, DAO
- 3. Rear Port Access Chassis with up to four (4) SAS/SATA Drives, PERC11, NAF
- 4. Riser Config 3, 2x16 FHHL Gen5, Extended Configuration, RAN DPU
- 5. PowerEdge XR5610 Ruggedization Kit
- 6. ReadyRails, 1U Common (A26)
- 7. No Bezel
- 8. Chassis Thermal Configuration

B. **Processor & Memory**

- 1. Intel Xeon Gold 5423N 2.1G, 20C/40T, 16GT/s, 37.5M Cache, Turbo, HT (145W) DDR5-4000



2. 6400MT/s RDIMMs

C. Storage

1. PERC H755 Adapter Full Height
2. (x4) 7.68TB SSD SAS ISE, Read Intensive, up to 24Gbps, 512e, 2.5in Hot-Plug, AG Drive
3. RAID 5

D. Power & Thermal

1. Dual (1+1) Redundant Hot-Plug Power Supply, 800W MM (100–240Vac)
2. (x2) Power Cord – NEMA 5-15P to C13, 3M, 125V, 15A

E. Networking

1. Rear Port Access with onboard Broadcom 57504 Quad Port 25GbE SFP28

F. Firmware & BIOS

1. Performance BIOS Settings
2. UEFI BIOS Boot Mode with GPT Partition
3. Performance Optimized
4. No Energy Star

G. Management & Security

1. iDRAC9, Enterprise 16G
2. Static IP
3. iDRAC Legacy Password
4. iDRAC Group Manager Disabled
5. No Trusted Platform Module

H. Software & Documentation

1. No Operating System
2. No Media Required
3. Dell Connectivity Client - Enabled; Dell Connectivity Module; Dell Secure Onboarding Client Disabled



I. Warranty & Support

1. Dell Hardware Limited Warranty Plus Onsite Service
2. ProSupport Next Business Day Onsite Service After Problem Diagnosis (3 Years)
3. ProSupport 7x24 Technical Support and Assistance (3 Years)
4. ProDeploy PowerEdge XR Series (1U/2U)

3. DELIVERY SCHEDULE

- A. All five (5) servers shall be delivered to VRE within seventy-five (75) consecutive calendar days from the date set forth in the written Notice-To-Proceed (NTP). VRE expects to award a Contract and provide the successful Contractor with NTP within fourteen (14) calendar days of receipt of Bids in response to this solicitation.
- B. The Contractor shall submit in writing any proposed changes to the delivery schedule to the VRE Project Manager for approval.

4. SHIPMENT

- A. Shipments shall be FOB destination, freight prepaid and allowed.
- B. Any damage incurred in shipping the servers to VRE is the sole responsibility of the Contractor.
- C. In response to any damage that occurs during shipping, the Contractor shall replace each damaged server within fifteen (15) consecutive calendar days of being notified by VRE of the damage.
- D. A Purchase Order and written shipping release shall be obtained from VRE by the Contractor before shipping the servers.
- E. Deliveries shall be made between the hours of 9:00 A.M. and 4:00 P.M. Eastern Time, Monday through Friday (excluding Federal Observed Holidays), to the following location:

VRE Crossroads Warehouse
9400 Crossroads Parkway
Fredericksburg, VA 22408

- F. The Contractor is not required to provide a lift gate. A loading dock and forklift are available on-site at VRE's Crossroads Warehouse.



- G. With each shipment to VRE, the Contractor shall prepare its own packing list documenting the equipment by part number, serial number, and VRE Purchase Order Number.
- H. The Contractor is not responsible for installing or configuring the new servers, nor for removing any existing hardware.

