



ADDENDUM # 2
RFP #2025-18
I.T. NETWORK VIDEO STORAGE
JANUARY 5, 2026

RFP #2025-18 Questions and Answers

QUESTION #1

Storage Requirement: Is the NAS to be for cold storage or active data storage?

ANSWER #1

It is for active storage.

QUESTION #2

Scope inquiry: What is the connectivity for this NAS?

ANSWER #2

I prefer the connections to be fiber or 10gb connection. Please provide a quote for both.

QUESTION #3

VMS Software: Is there a specific VMS this will be used for and is there need for installation of the server?

ANSWER #3

We only need support and equipment maintenance. Installation is not needed.

QUESTION #4

Current Video Management Software: Looking at the RFP, I'm assuming that you only need the storage solution? You will continue to use your existing Video Management Software and Server? Or do you also need a Video Management Software Solution as part of the RFP?

ANSWER #4

We only need the storage solution.



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QUESTION #5

DR requirement:

1. Do you require a second physical site with a full or partial copy of the 1.5 PB video archive for disaster recovery, or can all 1.5 PB usable capacity reside at a single site with local RAID and backup?
2. If a second site is required, should it store a full copy of all video or only a subset (for example, shorter retention or only critical cameras)?
3. What retention period (in days or months) must the 1.5 PB usable capacity support at the expected camera load?
4. Approximately how many cameras will record to this system, and what is the typical bitrate and resolution per camera (e.g., 1080p/4K at X Mbps)?
5. Will the storage be accessed mainly for recording and playback, or do you also expect heavy exports/analytics that impact performance sizing?
6. Which protocols will be used in production for this system: SMB, NFS, FTP, and is RTSP terminated on the VMS servers or directly on the storage system?

ANSWER #5

1. & 2. Second site should be able to do the same retention and recording capabilities.
3. Our retention is different for each building. Depending on the need, it could be 30 days, 90 days, or 120 days.
4. 8 megapixels @ 1080p
5. Storage with recording and playback only.
6. We currently use multiple protocols.



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QUESTION #6

Requesting information: Hello Earl, Hope you are doing well. We are actively collaborating with the vendor, and they have a few questions that would greatly help us in preparing an accurate proposal. We would sincerely appreciate it if you could provide the following information:

1. How many cameras are being deployed?
2. What is the VMS (Video Management Software)?
3. What is the retention policy?
4. Are all the cameras in one site or distributed across multiple sites?
5. What resolution are cameras recording?
6. What is the current network infrastructure (10/25/100Gbs) Your input will help ensure that we provide the most accurate and tailored proposal possible.

ANSWER #6

1. Currently there are about 400 cameras deployed with an expected growth to an additional 400-500 cameras.
2. Our current software is Watchdog.
3. Our retention is different for each building. Depending, they are 90 days, 30 days, and 120 days.
4. They are across multiple sites.
5. 8 megapixels @ 1080p
6. 1000Gbps



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QUESTION #7

- 1) The RFP specifies a minimum throughput of 10 Gbps—is this aggregate system throughput, or per-protocol/per-client? Please break down expected throughput by:
- Ingest (write) throughput for video recording - Playback (read) throughput for video review - Any concurrent backup or replication traffic
- 2) How many concurrent clients will connect for video recording (write operations)?
- 3) How many concurrent clients will connect for video playback/review (read operations)?
- 4) Which protocol will be primary for video ingest—SMB, NFS, or RTSP direct? Are different protocols expected for different use cases?
- 5) What IOPS requirements, if any, exist for this workload?
- 6) Is the 1.5 PB requirement usable capacity after RAID and filesystem overhead, or raw capacity?
- 7) What VMS platform will the NAS integrate with?
- 8) What is the current network infrastructure (10GbE, 25GbE, etc.) at the deployment site?
- 9) What is the video retention period requirement?
- 10) Is offsite replication or DR required, or is this a single-site deployment?

ANSWER #7

1. 1 Gps
2. At least 800
3. Approximately 25-30 will connect at one time.
4. Yes, and we currently use all three protocols.
5. None.
6. Needs to be 1.5 usable after RAID has been applied.
7. It will integrate with Vmware.
8. The current network infrastructure is 10GbE.
9. Our retention is different for each building. Depending, they are 90 days, 30 days, and 120 days.
10. Yes, offsite replication is required.



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QUESTION #8

Throughput: 1. The RFP specifies a minimum throughput of 10 Gbps—is this aggregate system throughput, or per-protocol/per-client? Please break down expected throughput by: o Ingest (write) throughput for video recording o Playback (read) throughput for video review o Any concurrent backup or replication traffic

ANSWER #8

1 Gps

QUESTION #9

Concurrent Clients: 2. How many concurrent clients will connect for video recording (write operations)?

ANSWER #9

At least 800

QUESTION #10

Read Operations: How many concurrent clients will connect for video playback/review (read operations)?

ANSWER #10

Approximately 25-30 will connect at one time.

QUESTION #11

SMB, NFS or RTSP Direct?: 4. Which protocol will be primary for video ingest—SMB, NFS, or RTSP direct? Are different protocols expected for different use cases?

ANSWER #11

Yes, and we currently use all three protocols.

QUESTION #12

IOPS Requirements: What IOPS requirements, if any, exist for this workload?

ANSWER #12

None exist.



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QUESTION #13

Usable Capacity: Is the 1.5 PB requirement usable capacity after RAID and filesystem overhead, or raw capacity?

ANSWER #13

Needs to be 1.5 usable after RAID has been applied.

QUESTION #14

VMS Platform: What VMS platform will the NAS integrate with?

ANSWER #14

It will integrate with Vmware.

QUESTION #15

Current Network Infrastructure: What is the current network infrastructure (10GbE, 25GbE, etc.) at the deployment site?

ANSWER #15

The current network infrastructure is 10GbE.

QUESTION #16

Video Retention Period: What is the video retention period requirement?

ANSWER #16

Our retention is different for each building. Depending, they are 90 days, 30 days, and 120 days.

QUESTION #17

Deployment: Is offsite replication or DR required, or is this a single-site deployment?

ANSWER #17

Yes, offsite replication is required.



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QUESTION #18

Installation Inquiry: Can you please address the following questions? 1) Time and days of the week to perform the installation and configuration. Can the installation and configuration be performed remotely? 2) Contact information to do the installation. 3) Can the technician have access to your network for installation, configuration, and testing? 4) What are the length and types of cables required to connect the NAS to your network?

ANSWER #18

We require no onsite installation. We may need some remote support once the device is placed online.

QUESTION #19

Storage Inquiry: 1) What type of storage would you prefer, SSD or NVMe Drives?

ANSWER #19

We are open to SSD or NVMe. SSD is preferred.

QUESTION #20

Installation and Delivery: Can you please confirm which addresses listed below are for installation and delivery? There are two addresses listed in the RFQ- 252 Russell Street, Ridgeland, SC 29936 and 358 Third Ave. 3rd Floor, Ridgeland, South Carolina United States 29936

ANSWER #20

Proposals should be delivered to 358 Third Ave., and the installation will be at 252 Russell St.

QUESTION #21

Installation and Delivery: Can you confirm location address 252 Russell Street Ridgeland, SC 29936 is delivery or installation?

ANSWER #21

Proposals should be delivered to 358 Third Ave., and the installation will be at 252 Russell St.