

CHEROKEE NATION
REQUEST FOR PROPOSALS

STORAGE ARRAY FOR VIDEO STORAGE

ADDENDUM 1

Sealed proposals must be received by Cherokee Nation Purchasing Department, Mandi Crosslin, no later than May 24, 2024 by 5:00 pm CT to be eligible for award. Proposals received after this deadline will not be accepted and will not be considered for award. No responding party may withdraw their proposal within 90 days after sealed proposal due date. Sealed proposals are to be sent by carrier (or hand delivered) to: Cherokee Nation Purchasing Department, Attn: Mandi Crosslin, 17665 S. Muskogee Avenue, Tahlequah, OK 74464. Submittals must be sealed and clearly marked Sealed Proposal – Storage Array – DO NOT OPEN.

Question 1

Is the proposal for the arrays only, or will installation be needed in the proposal as well?

Answer 1

Installation and configuration is part of the bid.

Question 2

Is the Video Management System Genetec Security Center? If not what is the exact VMS solution being used?

Answer 2

Milestone

Question 3

It is understood that you are looking for storage for the VMS. Are you also looking to migrate the VMS system to new hardware/software?

Answer 3

Compute is part of the bid request.

Question 4

Will you also need long-term storage for archiving?

Answer 4

No

Question 5

Questions for VMS System

- a. Number of cameras at each site?
- b. Stream throughput?
- c. Frames per second?
- d. Recording hours per day?
- e. Number of days to store?
- f. Resolution?
- g. Video quality (low, medium, high)?
- h. Compression type (MJPEG, H.264, H. 265)?

Answer 5

- a. Sallisaw-109
Pharmacy-20

Vinita-120
Pharmacy-10

Stilwell-111
Pharmacy-15

Muskogee-97
Pharmacy-13

Tahlequah-164
Pharmacy-16
- b. All data to remain on local network running at 1Gbps.
- c. Regular cameras-15 fps
Pharmacy cameras-30 fps
- d. Regular cameras-Motion Recording
Pharmacy Recording-24/7
- e. Regular cameras-31
Pharmacy-60
- f. 1080
- g. High
- h. H.264

Question 6

Please clarify what CN defines as a "Direct storage vendor."

Answer 6

A vendor that can provide a service contract with the manufacturer.

Question 7

Are the servers that will connect to the Storage Array Network (SAN) running a hypervisor and if so, what is the hypervisor at each location?

Answer 7

CNHS expects that to be part of the compute equation. However, it's not a requirement to use a hypervisor on the compute. Today, most servers using a hypervisor are using Microsoft Hyper-V.

Question 8

Are there currently any SANs in place, and if so, what manufacturer and model are the San's at each location?

Answer 8

None. This bid process is requesting a storage array for each location.

Question 9

Do the current SANs meet your requirements as stated in this RFP?

Answer 9

See question 8.

Question 10

How much video data is generated daily at each of the 5 locations?

Answer 10

See the bid for total storage needed. This was a Milestone calculation and will meet the requirements of this bid.

Question 11

What protocol is used for the writing of video data (SMB/NFS, etc.)?

Answer 11

CNHS is asking for localized storage and compute. CNHS does not have a preference as long as the solution meets our needs and is secure.

Question 12

What is the data retention requirements for video data?

Answer 12

See question 5

Question 13

Will these storage arrays be used for other workloads?

Answer 13

No

Question 14

Do you currently have an object storage platform deployed?

Answer 14

No

Question 15

Do you currently have a preferred cloud provider?

Answer 15

Azure but this video will not be stored in the cloud.

Question 16

Do you prefer an on-premise or cloud based solution?

Answer 16

On-Premise

Question 17

Will the Cherokee Nation accept electronic signatures?

Answer 17

Yes

Question 18

Are there any available 10Gb SFP+ in the servers?

Answer 18

No, a NIC would be required but the bid should include this cost.

Question 19

Can you provide specifications of the current servers/SANs/storage?

Answer 19

No, the current solution does not meet the requirement of this bid.

Question 20

What type of "Video" is being stored on the SAN?

Answer 20

See question 5

Question 21

If, for some reason, questions cannot be answered within a few days, will Cherokee Nation extend the due date for the RFP response to at least 10 business days from the date the questions are answered?

Answer 21

No

Question 22

Will the Cherokee Nation accept Milestone billing terms?

Answer 22

We will be required to review terms before we answer this question.