SMITHVILLE



Tradition of Excellence

STORAGEAREANETWORK REQUEST FOR PROPOSAL

TECHNOLOGY OFFICE 816-532-0406

STORAGE AREA NETWORK RFP (2023-2024 SCHOOL YEAR)

Overview

1 Request for Proposal-Purpose and Scope

The purpose of this Request for Proposal (RFP) is to solicit information and proposals for resources, implementation support, and on-going maintenance for Storage Area Network (SAN) in the Smithville School District (The District).

General information about the District can be found on the District's website at http://www.smithvilleschooldistrict.net

The District is seeking proposals for SAN with capabilities as described below. The District may purchase all or part of the listed components.

The District reserves the right to reject any and/or all proposals in response to this request. Force Majeure is in effect.

1.1 Timeline

The District anticipates equipment delivery and installation to occur within 30 days of vendor receiving purchase order. Vendor must specify in bid response if this timeline is not attainable.

1.2 Requested Solution Capabilities

Service Description

- The solution should include maintenance for options of three and five years and cover software upgrades and hardware failure.
- The District needs a highly available storage solution that can be configured flexibly, allowing the assignment of appropriate storage using VMWare.
- The solution must provide robust backup and restore capabilities with highly
 effective snapshot capabilities capable of restoring access to data with zero or
 minimal downtime.
- The solution must present a robust, centralized, flexible data storage solution that easily scales to growing storage demand and supports redefinition of configurations as needs change.
- The solution must have the ability to create snapshot backups of member server's data files to allow quick recovery upon failure.
- The solution will integrate with two VMware hosts at each site.
- The solution will need to have the proper overhead to support 50 VMware virtual machines
- Vendor must have a strong working knowledge of VMware and networking to

properly install and integrate the system within the current network infrastructure.

- Vendor must have a strong working knowledge in storage management including but not limited to Cloning, Thin Provisioning, Snapshots, Data Migrations, SAN Monitoring and Compression analysis.
- Vendor must have a strong working knowledge in migrating from one VMware installation to the new storage system.
- Vendor will integrate the new storage system to the current system so that virtual machines can VMotion to the new storage system.

Desired Specifications

Installation Sites	2
Capacity at each site (useable)	64 TB Minimum
Connectivity	Fiber Channel/iSCSI
Host Interface	Minimum of 4 Onboard 10GbE
Storage Type	Hybrid SSDs and SAS HDDs
RAID	Triple Parity
Scalability	Storage Arrays are expandable up to 4
High Availability/Disaster Recovery	Site to Site Replication
	(Veeam compatible)
Redundancy	Redundant Power Supplies Redundant Storage Controllers Redundant Hardware/Software Design
Management	Redundant Local Management Ports Cloud Management/Reporting Local Management Ports

1.3 Bidder Criteria and Response Requirements

- Bidder shall provide a list of 3 customer references including: business name, contact name & title, telephone number, business address, brief description of project, and approximate dollar value of purchased products and services, of customers who agree to be contacted as a reference for your company.
- Provide a list of name(s) and professional qualifications, responsibilities for managerial, technical and support staff identified to conduct the engagement.
- Provide number of year's firm has been in business and the firm's qualifications and experience performing similar scope of services.
- Provide a list of similar projects that the firm has performed within the last three years.
- Provide individual prices by line item for products/services, installation/configuration and training necessary for the new SAN solution.
- Bidder shall provide a list of the physical locations of its operations.
- The bidder shall attach a certificate of general liability insurance with Broad Form General Liability Endorsement.

2 Responding to Smithville School District Request

2.1 Deadline for Questions

Questions with regard to the RFP maybe asked via e-mail. Questions may be submitted by e-mail to wallacer@smithville.k12.mo.us up to 11:59 PM CST on April 28th. Responses to submitted questions will be posted on District's web site at: https://www.smithvilleschooldistrict.net/o/ssd/page/request-for-proposals

2.2 Inclusion in Proposal

The following items are to be included with proposal submission:

- Proposed solution hardware (brand, make, model)
- Overview of system capabilities
- Proposals offering two different configuration types
 - All flash storage system
 - Hybrid storage system
- Proposals offering two different maintenance options
 - 4 Hour Response
 - If applicable identify hardware or software covered under this response time.
 - Next Day Response
 - If applicable identify hardware or software covered under this response time.
- Costs to included hardware, maintenance and services for three and five vears
 - If applicable identify different levels of services and maintenance offered

2.3 RFP Submission

Bids are due on or before May 5th at 1:00 PM, CST. Please adhere to the requested format for response. Please use the subject of Bid: SAN RFP

Forms may be emailed, submitted in person or mailed to:

Attn: Bids-SAN RFP Smithville School District Attn. Randy Wallace 655 S. Commercial Ave., MO 64089

AcopyofthisRequestforProposal(RFP)maybeobtainedfromtheDistrict'swebsite at https://www.smithvilleschooldistrict.net/o/ssd/page/request-for-proposals.Itisthesoleresponsibility of the "proposer" to monitor the District website for any amendments to the RFP.

The Technology Department and/or Board of Education reserve the right to reject any and all offers, or any part thereof, and to waive informalities and to enter into such contractor contracts as shall be deemed in the best interest of the Smith ville School District.



3 RFP Response Form

Provide the following overview for each proposed solution and include appropriate documentation regarding the systems capabilities. Do not include unnecessary marketing materials.

Proposed Networking Equipment Solution Brand	
Proposed Networking Equipment – specific line and model	
Hardware cost as proposed (Flash and Hybrid)	
Implementation Cost	
Three and Five years hardware maintenance costs	
Three and Five years services costs	
Training costs (on-site training for 3 people)	
Two different levels of maintenance response options	
Total Proposed Cost for 3 and 5 years	

3.1 Weighted Factors

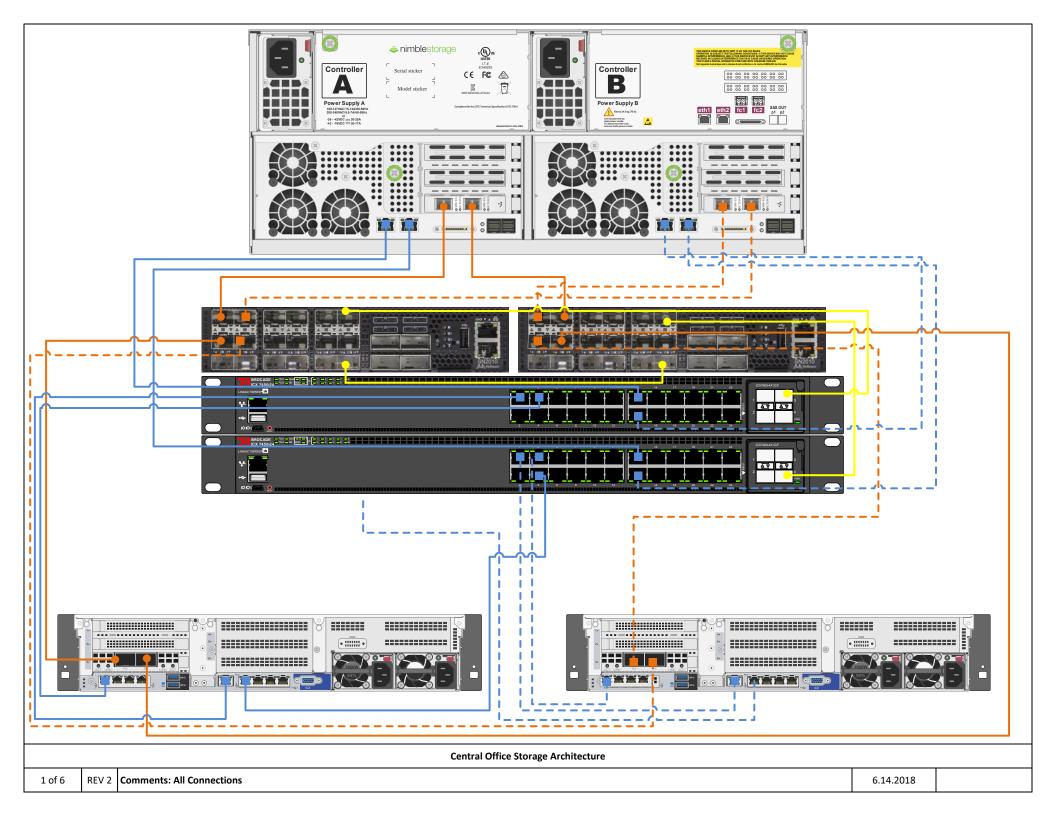
The contract will be awarded based on best-value to the District and its constituents, as well as evaluation criteria set forth in this document. Weighted factors contributing to the award are included in the following breakdown:

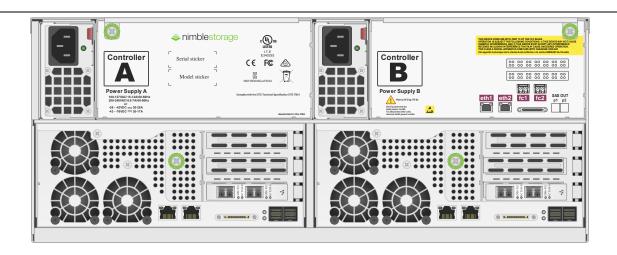
Weighted Factor Breakdown:

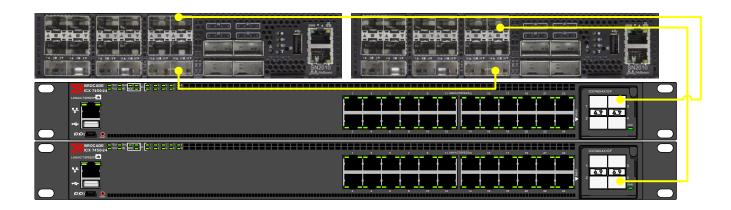
FACTOR	WEIGHT
Cost of Services	30
Capacity to achieve desired service levels	25
Company Experience	15
References	15
Project delivery methodologies	15

Upon selection, the company will work with district staff to begin project plan development and define deployment timelines. All products and services will be expected to be delivered at the price indicated in the RFP. All contracts and supporting documentation will be approved by both parties before any costs are incurred or work is performed. All contracts will be reviewed by district counsel, any contract terms that are not acceptable by the district may be grounds for dismissing the selected vendor. In the event the primary selection cannot provide the products or services, an alternate company will be selected. All companies will be notified within seven days of selection.



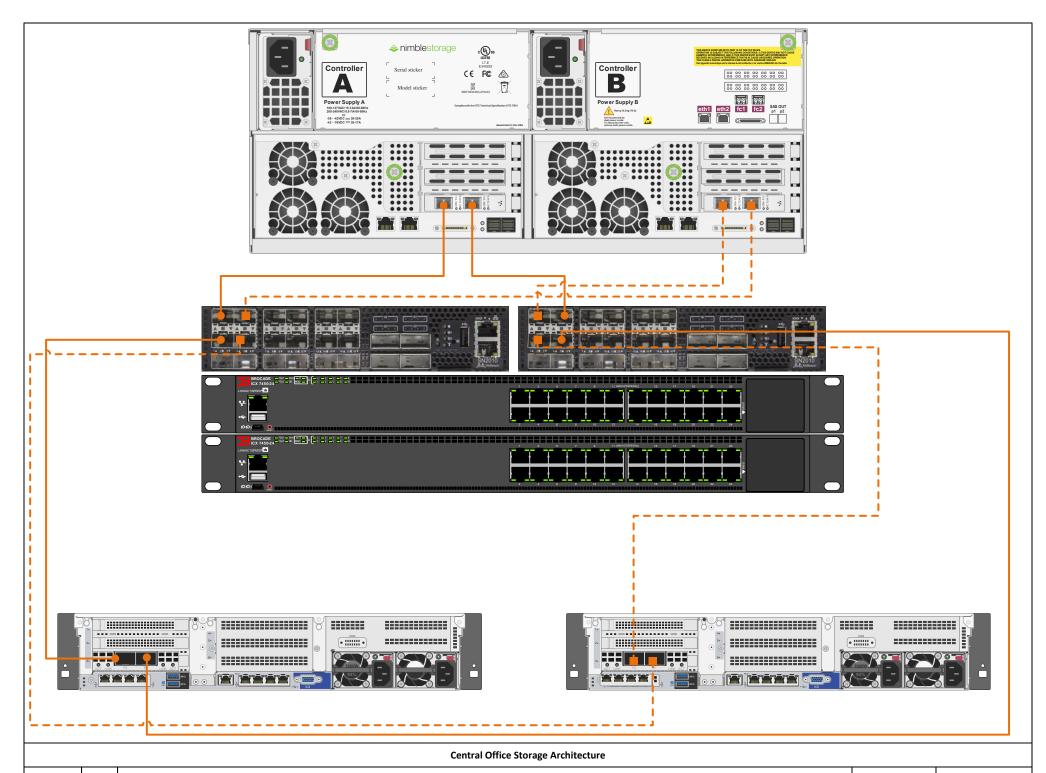


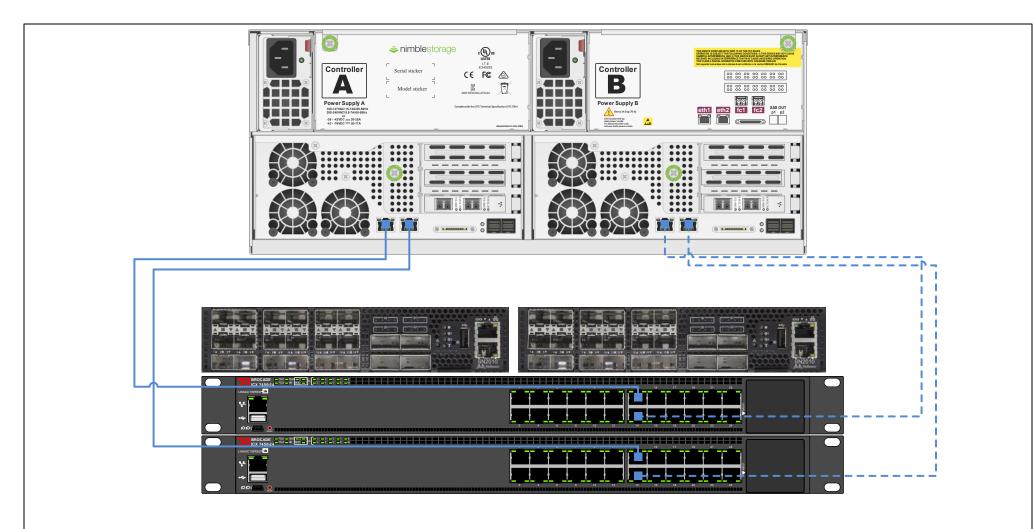






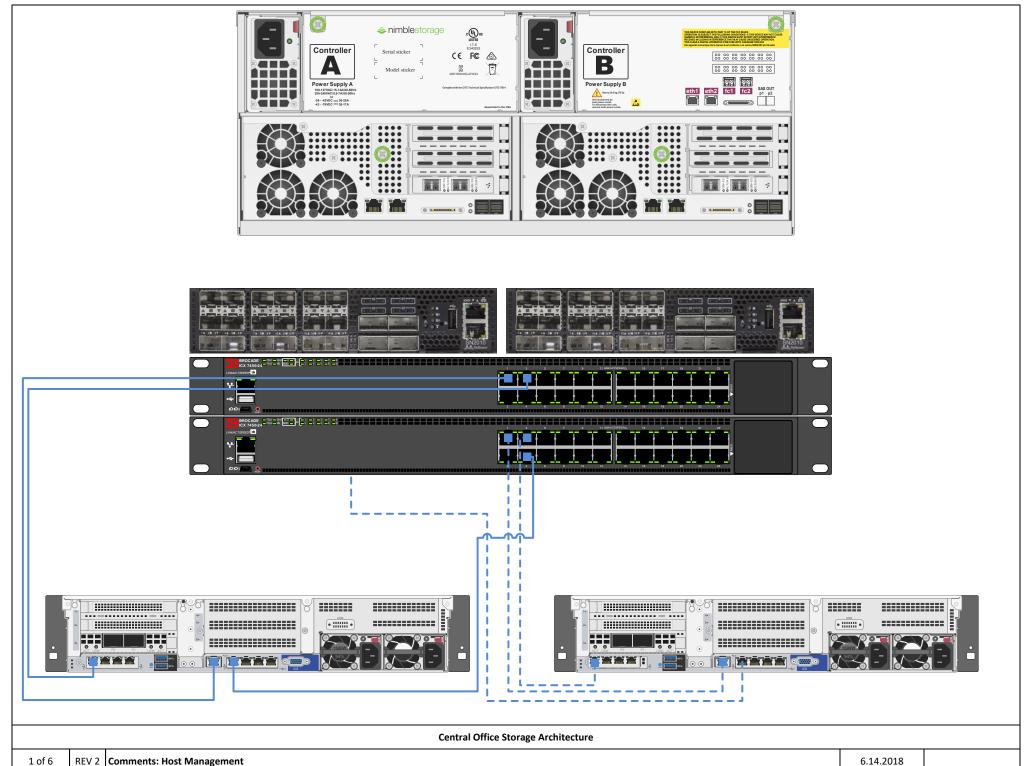


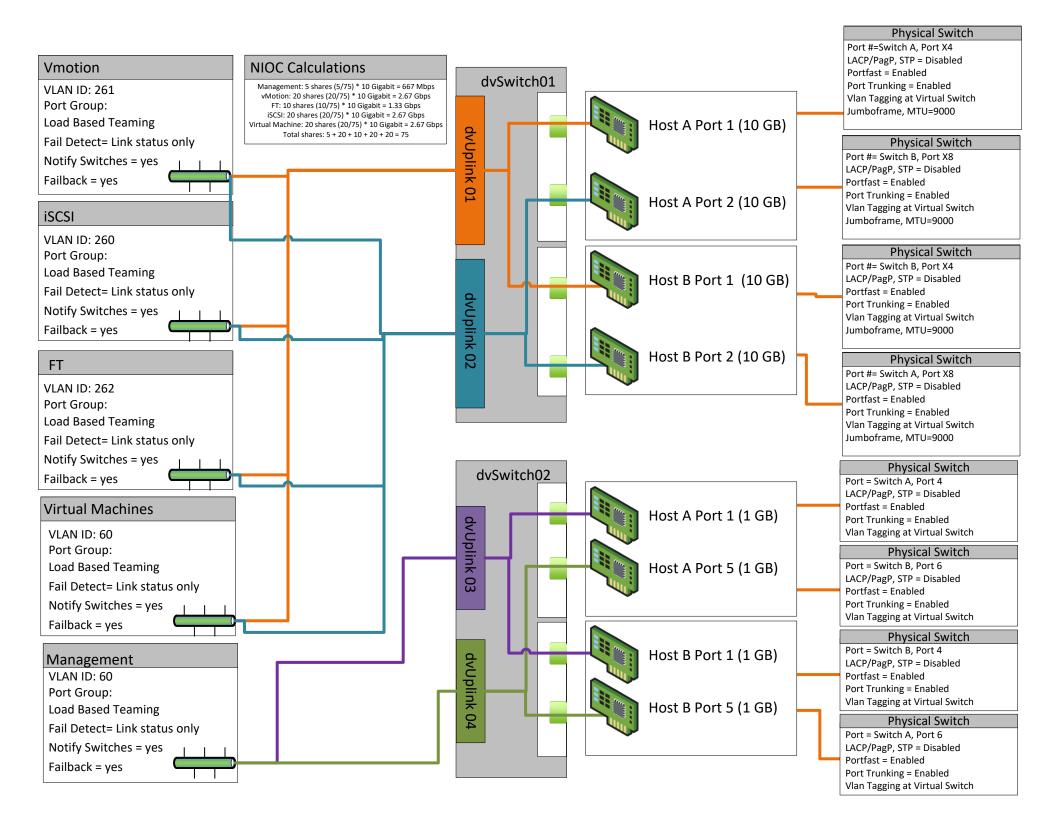












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Adopted:11/7/2016 Revised: 04/2023

Smithville School District, Smithville, Missouri

