

SMITHVILLE



School District

Tradition of Excellence

VMWARE SERVER EQUIPMENT REQUEST FOR PROPOSAL

TECHNOLOGY OFFICE 816-532-0406

VMWARE ESX SERVER 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 networking equipment in the Smithville School District (The District).

General information about the District can be found on the District's website at <https://www.smithvilleschooldistrict.net/o/ssd/page/request-for-proposals>

The District is seeking proposals for networking equipment with capabilities as described below in section 1.2. 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

VMware ESX Server

Proposed solutions need to address the following capabilities:

#	Description
2	2U Rack Mount Server
2	5-Year 24x7x4 Hardware\Software Support
4	Xeon Silver 4314 2.4G, 16C/32T, 24M Cache Minimum
80	32GB RDIMM, 3200 Mhz PC4-25600 or equivalent
4	Quad Port 10GB SFP PCIE Low Profile Adaptor
2	iLO, iDRAC, or other remote configuration port with license
2	Dual 256 Gb M.2 (RAID 1) Controller (ESX OS)
2	512 GB 12G SAS 10K RPM SFF HDD
4	Dual Power Supply

1.3 Current Equipment and Background

Current ESX Server Specifications:

Item	Description
Server Model	ProLiant DL380 Gen10
Model	Intel Xeon Gold 5115 CPU @ 2.40 Ghz
CPU Processor Speed	2.39 GHz
CPU Sockets	2
CPU Cores Per Socket	10
CPU Logical Processors	40
Memory Capacity	256 GB
Memory Frequency	2666 Mhz
Total Memory Slots	24
Local Storage	HPE Smart Array P408i-a SR Gen10
Physical Drive	300 GB

Current VMware Host Environment:

The screenshot displays the VMware vSphere interface for a host. The top navigation bar includes Summary, Monitor, Configure, Permissions, VMs, Datastores, Networks, and Updates. The main content area shows the following details:

- Summary:**
 - Hypervisor: VMware ESXi, 7.0.0, 16324942
 - Model: ProLiant DL380 Gen10
 - Processor Type: Intel(R) Xeon(R) Gold 5115 CPU @ 2.40GHz
 - Logical Processors: 40
 - NICs: 6
 - Virtual Machines: 37
 - State: Connected
 - Uptime: 137 days
- Hardware:**
 - Manufacturer: HPE
 - Model: ProLiant DL380 Gen10
 - CPU: 20 CPUs x 2.39 GHz
 - Memory: 207.3 GB / 255.66 GB
 - Virtual Flash Resource: 0 B / 0 B
 - Networking: ESXi-CO.
 - Storage: 12 Datastore(s)
- Configuration:**
 - Related Objects: Cluster (CO-Cluster)
 - HPE iSCSI Digest Status: Install SCM on 172.16.0.200.
 - Table:

Group Name	Status	Enabled Connections	Disabled Connections
CO2	Disabled	0	16
- Tags:** A table with columns for Assigned Tag, Category, and Description.
- Resource Usage (Right Panel):**
 - CPU: Used 7.79 GHz, Capacity 47.88 GHz, Free 40.09 GHz
 - Memory: Used 207.3 GB, Capacity 255.66 GB, Free 48.36 GB
 - Storage: Used 64.35 TB, Capacity 56.09 TB, Free 5.54 TB

Current Environment and Considerations:

We currently have a two host VMware environment that replicates to an additional two host environment at a remote location. Replication is performed utilizing VMware Site Recovery Manager. Licenses for Microsoft, VMware, and Veeam are all based on a per-socket count. We have to maintain a two-socket count for new servers. We are wanting to replace our two VMware hosts at the main site and relocate our current hosts to the remote site. When load-balancing we are currently above half our memory usage in each host. In a failover situation, not all virtual machines would migrate to a single host. The new specifications listed in 1.2 will allow all current and future virtual machines to fail-over to one host with future growth in mind.

2 Responding to Smithville School District Request

2.1 Deadline for Questions

Questions with regard to the RFP may be 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, 2023. 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
- Costs to included hardware, maintenance and services for five years
 - If applicable identify different levels of services and maintenance offered
 - Items covered by warranty

2.3 RFP Submission

Bids are due on or before May 5th, 2023 at 1:00 PM, CST. Please adhere to the requested format for response. Please use the subject of Bid: VmWare ESX Server RFP. Responses are to be mailed only.

Forms may be submitted in person or mailed to:

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

A copy of this Request for Proposal (RFP) may be obtained from the District's web site at <https://www.smithvilleschooldistrict.net/o/ssd/page/request-for-proposals>. It is the sole responsibility 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 contract or contracts as shall be deemed in the best interest of the Smithville 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	
<ul style="list-style-type: none"> Hardware cost as proposed 	
<ul style="list-style-type: none"> Implementation Cost 	
<ul style="list-style-type: none"> Five years hardware maintenance costs 	
<ul style="list-style-type: none"> Five years services costs 	
<ul style="list-style-type: none"> Training costs (on-site training for 3 people) 	
Total Proposed Cost for 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: 03/22/2018

Smithville School District, Smithville, Missouri

