

The School District of the City of Saginaw

Request for Quote



Section I. General Requirements

The School District of the City of Saginaw is accepting quotes to refresh existing servers, storage, and backup systems.

1. Saginaw Public Schools reserves the right to accept or reject any or all bids in whole or in part, and to waive any irregularities in the bidding. They also reserve the right to award any contract as deemed in the best interest of the School District.
2. All goods and services quoted must be delivered F.O.B. destination with all transportation charges prepaid and included in the bid price.
3. No taxes are to be included in any bid price. Generally the school system is exempt from Federal and State taxes.
4. Saginaw Public Schools policy is to not discriminate on the basis of race, religion, color, creed, sex, national origin, age, political beliefs or disability in its educational programs, employment practices and bidding processes. The bidder, by signing this Invitation to Bid, commits that it has a similar policy and will comply with Saginaw Public Schools non-discrimination policy.
5. All questions regarding this RFQ shall be directed to Jean Lisee via email at jlisee@spsd.net.
6. The District reserves the unrestricted right to reduce the contract amount by reducing the scope of work and/or components in order to meet budget or project requirements. Unit pricing from the bill of materials will be used to make project adjustments.
7. No on-site services are requested under this RFQ.
8. Unit pricing is requested for each top level category of section II. The District reserves the right to award individual equipment categories to different vendors.
9. Bidders must submit a signed and notarized “familial relationship statement” disclosing any familial relationship(s) that may exist between the owner or employees of the bidder and any member of the Board of Education or its Superintendent.
10. Bids must be submitted by email to jlisee@spsd.net no later than 4pm April 25, 2017. A confirmation email will be sent out upon receipt. The District is not responsible for email delivery issues and will not accept late submissions.

Section II.

1. Server Requirements

(3) Servers are required meeting the following requirements:

- 1.1. Acceptable server OEMs are Cisco, Dell, HP, and Lenovo
- 1.2. 1U 19" rack mount chassis
- 1.3. no HDD, RAID controller, mouse, keyboard, or display requested
- 1.4. (2) Intel Xeon E5-2680 v4 2.4G, 14C processors
- 1.5. 256G RDIMM, 2400MT/s, RDIMM types, sizes, and count must yield optimal memory performance for the quoted solution
- 1.6. (2) 10Gb SFP+, and (2) GbE network ports
- 1.7. Out of band network management including graphical console redirect
- 1.8. Dual Internal 16G SD for ESXi boot (must meet vSphere 2 TBW requirement)
- 1.9. Rails with cable management that work with 4 point universal square hole or tapped rail racks
- 1.10. N+1 hot swap power supplies (NEMA 5-15P)
- 1.11. 5 year warranty with 5x9 NBD support, & software/firmware updates
- 1.12. VMWare ESXi v6.5 hypervisor preinstalled on SD if available as N/C option (no vSphere licensing)
- 1.13. All components must be on vSphere v6.5 supported hardware list.

2. vSphere Storage Requirements

(2) Block level SAN storage units are required meeting the following requirements:

- 2.1. No storage level software features are requested such as volume copy, or cloning
- 2.2. Dual iSCSI controllers with 10Gb SFP+ interfaces
- 2.3. If controller or global storage SSD caching is an available option, it must be included
- 2.4. The array must provide a net capacity of > 20TB, > 1600 IOP/s @ 75R/25W mix
- 2.5. Solution must support current vSphere vStorage APIs for Array Integration (VAAI)
- 2.6. 5 year warranty with 7x24 support, & software/firmware updates
- 2.7. Rack rails must be included for all hardware supporting 4 point universal square hole or tapped rail racks
- 2.8. N+1 Hot swap power supplies (NEMA 5-15P)
- 2.9. All components must be on vSphere v6.5 supported hardware list.
- 2.10. (24) 1.2T, 12Gb/s SAS, 10K rpm HDDs will be used as a reference design with storage configured in 1-2 RAID 5 arrays based on manufactures best practice guidance with 1 hot spare. Other drive types and configurations are allowable provided they yield the same performance and storage characteristics as the reference configuration.

3. Backup Storage Requirements
 - (2) Block level SAN storage units are required meeting the following requirements:
 - 3.1. No storage level software features are requested such as volume copy, or cloning
 - 3.2. A single iSCSI controller with (1) 10Gb SFP+ interface
 - 3.3. (16) 6T Near-line class SAS HDDs
 - 3.4. 1 year warranty with 5x9 telephone support, & software/firmware updates
 - 3.5. Rack rails must be included for all hardware supporting 4 point universal square hole or tapped rail racks
 - 3.6. Promise Vess R2600xiS SAN Array with (16) 6T near-line SAS 7200 rpm HDDs will be used as a reference device with storage configured in single RAID 6 array with 1 hot spare. Other storage units are allowable provided they yield the same or better performance and storage characteristics.
4. Network Requirements
 - (1) Managed layer 2/3 switch is required with a minimum of (8) 10 Gb SFP+ ports – Cisco C3850-12XS or similar. The device must be suitable for 10Gb iSCSI use. (2) 10G Single Mode 10km transceivers. One transceiver will be used in an existing Cisco 4500.
5. Licensing
 - (6 CPU) Veeam enterprise perpetual backup & replication socket licenses for education
6. Cables & UPS
 - (7) 5M SFP Twinax Cisco compatible cables
 - (5) 3M SFP Twinax Cisco compatible cables
 - (1) APC UPS SMT2200RM2U with SMNP Monitoring

Iran Business Relationship Affidavit

Effective April 1, 2013 all bids, proposals and/or qualification statements received in the State of Michigan must comply with the "Iran Economic Sanctions Act". The Following certification is to be signed and included at time of submittal:

Pursuant to the Michigan Iran Economic Sanctions Act, 2012 P.A. 517, by submitting a bid, proposal or response, respondent certifies, under civil penalty for false certification, that it is fully eligible to do so under law and that it is not an "Iran linked business," as that term is defined in the Act.

Signature

Title

Company

Date

Quote

| | Unit Cost | Section Subtotal |
|------------------------------|-----------|------------------|
| 1. (3) Servers | _____ | _____ |
| 2. (2) vSphere Storage Units | _____ | _____ |
| 3. (2) Backup Storage Units | _____ | _____ |
| 4. (1) Network Switch | _____ | _____ |
| 5. (6) Veeam Licenses | _____ | _____ |
| 6. (12) Cables | _____ | _____ |

Project Total _____

VENDOR NAME: _____

REPRESENTATIVE: _____

ADDRESS: _____

TELEPHONE: _____

SIGNATURE: _____