



101 N. Main Street P.O. Box 370 Sylvester, Georgia 31791 • (229) 776-8505 (Office) (229) 776-8519 (Fax)

Request for bid for
Support Servers

BID OPENING
Wednesday October 13th **2021**
AT 10:30 A.M.

Bid packets will be received via a private online folder of the City of Sylvester, by **Wednesday October 13th, 2021 at 10:30 AM., Eastern Standard Time**, to be considered. **If you wish to bid, please submit your Bid packet as a PDF document with the following title format: [Company Name] Core Network [Document number]**. No bid will be accepted after the opening time. Bids received after that time shall be considered late and will not be accepted.

Bid submission instructions

The City of Sylvester is now accepting bid submissions electronically unless otherwise stated in the bid opportunity. Once you have submitted your bid, if you need to make a change a new bid submission is required.

It is the responsibility of all potential bidders to check the website for upcoming bids, addendum, updates, etc.

Procedure:

- 1) Proceed to the City's website – www.cityofsylvester.com/bids
- 2) Locate the bid opportunity.
- 3) Click the Bid's title to see the details of the opportunity or the "Submit Bid" button to securely upload and send the required documentation using our online bid submission service.

The City reserves the right to reject any and all bids, to waive minor irregularities, consider minor variations to specifications that are clearly detailed, and to accept the lowest or best bid combination which appears to be in the best interest of the Authority. **All persons and entities submitting bids are hereby notified that the City of Sylvester reserves the right to seek new bids, to accept or reject any or all bids, in part or in whole, to waive minor irregularities, technicalities, and/or informalities in proposing, and to award a contract in part or as a whole as deemed to be in the best interest of the City of Sylvester.** The City of Sylvester gives further notice that the lowest bid will not necessarily be considered the best bid, and the City reserves the right to select the bid deemed to be in the best interests of the City. If no acceptable bid is received the City of Sylvester also reserves the right to re-bid at its sole discretion.

The bids will be publicly opened and read aloud in the City Hall Council Chambers located at 101 N. Main Street Sylvester, Georgia 31791 at the appointed time. The Bid opening will also be made available as an online conference. The online conference information will be supplied to all bidders before the date of opening.

In accordance with the City of Sylvester's Purchasing Policy, the bids will be considered by the City and/or its Council within forty-five (45) days of the bid opening. Bid pricing should remain effective for sixty (60) days after the bid opening.

To Whom This Concerns,

The City of Sylvester is seeking a proposal for Core Network Equipment, installation and configuration with the following specifications. It is our goal to provide a simple yet understandable outline of the items and services we expect to be provided. The items are to be shipped to **105 E King Street, Sylvester Georgia 31791**

The Core Network Equipment and services are specified in Attachment A following.

No bid will be accepted that does not include all items specified both as equipment and services.

All bidders are also asked to provide credentials and certifications needed to perform these services.

Any questions, please call Jason Gauntt at 706-461-0341 or email jason_gauntt@telecomnavigator.com.

Thank you and we look forward to receiving your bid.

Owner: City of Sylvester, GA

By: Autron Hayes

Title: City Manager

Date: 07/22/2021

Attachment A

The city of Sylvester is seeking bids for the following specific network equipment and services with the following specifications. Vendor and part numbers may not be substituted unless the specific part specified has been superseded by the vendor and the substitution must be noted.

3 Dell PowerEdge Servers:

PowerEdge R750: PowerEdge R750 PowerEdge R750 Server

FRONT STORAGE - Chassis with up to 16x2.5" Drives [Dell]

BACKPLANE - SAS/SATA Backplane [Dell]

REAR STORAGE - No Rear Storage [Dell]

GPU ENABLEMENT - No GPU Enablement [Dell]

Trusted Platform Module - Trusted Platform Module 2.0 V3 [Dell]

Chassis Configuration - 2.5" Chassis with up to 16 SAS/SATA Drives, 2 CPU [Dell]

Processor - Intel® Xeon® Silver 4310 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666 [Dell]

Additional Processor - Intel® Xeon® Silver 4310 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666 [Dell]

Additional Processor - Intel® Xeon® Silver 4310 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666 [Dell]

Processor Thermal Configuration - Heatsink for 2 CPU

configuration (CPU less than 165W) [Dell]

Memory Configuration Type - Performance Optimized [Dell]

Memory DIMM Type and Speed - 3200MT/s RDIMMs [Dell]

Memory Capacity - (8) 16GB RDIMM, 3200MT/s, Dual Rank [Dell]

RAID Configuration - C4, RAID 5 for 3 or more HDDs or SSDs (Matching Type/Speed/Capacity) [Dell]

RAID/Internal Storage Controllers - PERC H755 with rear load bracket [Dell]

RAID/Internal Storage Controllers - PERC H755 with rear load bracket [Dell]

Hard Drives - (8) 480GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, [Dell]

BIOS and Advanced System Configuration Settings - Performance BIOS Setting [Dell]

Advanced System Configurations - UEFI BIOS Boot Mode with GPT Partition [Dell]

Fans - Standard Fan x6 [Dell]

Power Supply - Dual, Hot-Plug, Fully Redundant Power Supply (1+1), 1400W, Mixed Mode [Dell]

Power Cords - (2) NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America [Dell]

PCIe Riser - Riser Config 2, Half Length, 4x16, 2x8 slots, SW GPU Capable [Dell]

Motherboard - R750 Motherboard [Dell]

Embedded Systems Management - iDRAC9, Enterprise 15G [Dell]

OCP 3.0 Network Adapters - Broadcom 57412 Dual Port 10GbE SFP+, OCP NIC 3.0 [Dell]

Additional Network Cards - Broadcom 57412 Dual Port 10GbE SFP+ Adapter, PCIe Low Profile [Dell]

Bezel - PowerEdge 2U LCD Bezel [Dell]

Bezel - PowerEdge 2U LCD Bezel [Dell]

Boot Optimized Storage Cards - BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),LP, With S2 Blank [Dell]

Boot Optimized Storage Cards - BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),LP, With S2 Blank [Dell]

Quick Sync - No Quick Sync [Dell]

Password - iDRAC, Factory Generated Password [Dell]

Group Manager - iDRAC Group Manager, Disabled [Dell]

Operating System - VMware ESXi 7.0 U2 Embedded Image (License Not Included) [Dell]

OS Media Kits - No Media Required [Dell]

Rack Rails - ReadyRails Static Rails for 2/4-post Racks With Cable Management Arm [Dell]

Rack Rails - ReadyRails Static Rails for 2/4-post Racks With Cable Management Arm [Dell]

System Documentation - No Systems Documentation, No OpenManage DVD Kit [Dell]

SHIPPING - PowerEdge R750 Shipping [Dell]

Shipping Material - PowerEdge R750 Shipping Material [Dell]

Regulatory - PowerEdge R750 BIS Marking, No CE or CCC Marking on 2.5" Chassis [Dell]

Regulatory - PowerEdge R750 BIS Marking, No CE or CCC Marking on 2.5" Chassis [Dell]

Shipping/Order information - US No Canada Ship Charge [Dell]

FGA Module - No FGA [Dell]

Dell Services - Hardware Support [Dell]
Deployment Services - No Installation [Dell]
1 PRTG 500 with 36 maintenance months
8 WIN SVR STD CORE 2019 SNGL OLP VLIC 2LICS NL CORE LICS
12 Juniper Compatible EX-SFP-10GE-DAC3M - Functionally Identical 10GBase-CU SFP+
Twinax 30AWG Direct-Attach Cable Assembly (DAC) 3 Meter - Programmed, Tested, and Supported in the USA, Lifetime Warranty"
1 Barracuda Backup 390 (Monthly Recurring)
1 VSPHERE 7 STD ACCL KIT 6 PROCS LICS
1 PROD SNS VSPHERE 7 STD ACCL KITLICS 6 PROCS 3YR

Provide consultation, design, and implementation support for installation and configuration of the supporting servers needed to support the Fiber to the Home infrastructure.

- Initial server hardware preparation and configuration.
- On-site delivery and rack installation.
- Redundant cabling installation.
- Cable labeling.
- VMware ESXi and vCenter installation and configuration.
- Redundant DNS Services configuration.
- External Authentication with Multi-Factor Authentication service configuration.
- IPAM Service configuration.
- PRTG Installation and configuration.
- Offsite Backup configuration.
- Test and validate configurations.
- Network Diagram and other supporting documentation

Please provide Lead Time for all products and services listed.