

CITY OF GALLATIN

SOLICITATION for BIDS

VIRTUAL SERVER, STORAGE and TAPE DEVICES

SEPTEMBER, 2013

Scope of Work:

The City of Gallatin, Tennessee, Finance Department, IT Division, is soliciting bids for the furnishing of a Hewlett-Packard (HP) Blade server (proprietary), two Virtual Storage Arrays (matched pair), an LTO5 tape library autoloader device and a backup & deduplication rack mount server. As an alternate, for consideration, an HP Starter SAN (proprietary), matching existing units and including all ancillaries, shall be proposed.

All *device* quantities are 1 each **except** storage array, which is quantity 2 each. Solicitations are for furnishing only, delivered to City of Gallatin. Installation, configuration and deployment is planned to be by City of Gallatin staff. City of Gallatin will provide additional switch capacity via relocated, existing Cisco equipment.

Microsoft operating system software is **not** a part of this solicitation – City of Gallatin shall furnish as needed under existing VLA. **All required additional VMware (currently “Enterprise” version) and Veeam (currently “Enterprise” version, per socket) licensing shall be included as part of this response. Any device manufacturer’s proprietary licensing required for the proposed hardware solutions shall be included as part of this response. HP iLo software/licensing, *where required or included*, shall be “Advanced” version.**

Responses shall be **all inclusive** of requisite ancillary parts and/or accessories necessary for a **complete and fully functional device and its installation**, including, ***but not limited to***, communication cables (other than CAT5 patch cables), cards, jumpers, power cords, rails, etc.

Hardware Devices:

Blade Server – HP ProLiant BL460c Gen8 – PROPRIETARY

Blade – HP ProLiant BL460c Gen 8, 2 way, no HDD, no monitor.

Processors – 2 each - Intel Xeon E5-2630L, 2 GHz, 6 core, 15 MB cache, factory integrated, 12 threads for ProLiant BL460c Gen8

Memory – 6 ea x 16 GB (**96 GB total**), DIMM 240 pin, DDR3, 1333 MHz / PC3-10600, CL9, registered, ECC

SD card – Internal storage, as required for ESXi boot

Network Adapter – HP FIO ETH 10GB 2P 560FLB ADPT, for ProLiant BL460c Gen8.
Support – Extended service agreement, parts and labor, on site, 3 years, 24x7, 4 hr response.

Virtual Storage Array – HP StoreVirtual 4530 – or equivalent – 2 each

Hard Drive array – 24 TB, 12 bays, (SAS-2), 12 x HD 2 TB, 7200 RPM, iSCSI (1 GbE), iSCSI (10 GbE) (external), rack mountable, 2U, include rails if required for rack mount.

Power Cables – 1 each power supply (2 total), NEMA 5-15P-to-C13 jumper, or as appropriate to connect independently and alternately to existing pair of 120 volt UPSs or PDUs.

Support – Extended service agreement, parts and labor, on site, 3 years, 24x7, 4 hr response.

Virtual Storage Array – HP P4300 G2 – PROPRIETARY – Alternate

HP P4300 G2 (or most current model designation) – 7.2 TB SAS Starter SAN, 16 each x 15k RPM drives, include rails if required for rack mount, matching existing in service units in all respects.

Power Cables – 1 each power supply (2 total), NEMA 5-15P-to-C13 jumper, or as appropriate to connect independently and alternately to existing pair of 120 volt UPSs or PDUs.

Support – Extended service agreement, parts and labor, on site, 3 years, 24x7, 4 hr response.

Tape Library – HP MSL2024 – or equivalent

Tape Library/Drive – HP MSL2024 Ultrium 3000, 36 TB/72 TB max, 24 slots, 1 each LTO 5 Ultrium tape drive (1.5 TB/3TB), field expandable to 2 drives, SAS-2, 2U, rack mount, include rails for mounting, bar code reader, encryption.

External Cable – Serial attached SCSI (SAS) 4-lane, 26 pin 4x shielded mini MultiLane SAS, (SFF-8088), 13 ft, for StorageWorks 3Gb, MSL2024.

Data Cartridges – LTO Ultrium 5, 1.5 TB/ 3 TB, **50 each**.

Data Cartridge Labels – LTO-5 Ultrium RW Bar Code Label Pack – 100 bar code labels for HP MSL2024 Ultrium 3000.

Support – Extended service agreement, parts and labor, on site, 3 years, 24x7, 4 hr response.

Backup/De-duplication Server – HP ProLiant DL380p – or equivalent

Server – HP ProLiant DL380p Gen8, Rack mountable, 2U, 2-way, no monitor, SAS 2.5” hot swap.

Processors – 2 each - Intel Xeon E5-2640, 2.5 GHz, 6 core, 12 threads, 15 MB cache, factory integrated.

Memory – 4 ea x 4GB (**16 GB total**), DIMM 240-pin, DDR3, 1333 MHz / PC3-10600, CL9, registered, ECC.

Hard Drives – 24 ea x 1 TB, hot swap, 2.5” SFF, SAS-2, 7200 RPM, HP SmartDrive carrier.
Network Adapter – HP Ethernet 1Gb 4-port 331FLR, PCI Express 2.0 x4, 10/100/1000 x 4, for ProLiant DL380p.
SAS Adapter Card – HP SAS adapter card, 2 port, for connection via serial attached external SCSI (SAS) 4-lane cable, 26 pin 4x shielded mini MultiLane SAS, (SFF-8088), for ProLiant DL380p.
RAID controller – HP Flash Backed Write Cache, cache memory (512MB), for ProLiant DL380p, Smart Array P222/512.
Rail Kit – 2U, small form factor, ball bearing, for ProLiant DL380p.
Power Supply – 2 each, Hot plug (plug-in module), 80 PLUS Gold, AC 90-135/180-264 V, 750 watt
Power Cables – 1 each power supply, NEMA 5-15P-to-C13 jumper, or as appropriate to connect independently and alternately to existing pair of 120 volt UPSs or PDUs.
Software – HP iLo management console software “Advanced” version
Support – Extended service agreement, parts and labor, on site, 3 years, 24x7, 4 hr response.

Bid Requirements and Conditions:

- Provide complete detailed specifications with response for units proposed.
- Bids shall be valid for **90 calendar days** from date of bid opening.
- Any hardware shipments displaying evidence of mishandling shall be rejected.
- All hardware, software and ancillaries provided shall be new and un-used.
- Absolutely no claims for omissions or extras will be entertained for any reason.
- Costs shall include shipping and handling, with inside delivery, to 132 West Main Street, Gallatin, TN 37066 USA.
- Acquisition priority: 1) Tape Library and Dedupe server, 2) Blade, 3) Arrays

Submittals:

Bids shall be received no later than **Tuesday, October 1, 2013, 2:00 PM** at which time they will be opened and read aloud (Gallatin City Hall, 132 W. Main St., Gallatin TN 37066, Room 114 – “History Room”). Bids shall be submitted in a sealed envelope, *clearly* marked **2013 VIRTUAL SERVER, STORAGE and TAPE DEVICES**, containing 2 paper copies and 1 digital copy on CD media. Submittals shall **NOT** be sent via electronic mail or facsimile.

Review and Basis for Award:

The City of Gallatin will award the work/acquisition, as a single source, to the lowest responsible and responsive vendor pursuant to the Municipal Purchasing Act of 1983. In addition, reviews shall consider the following factors:

- Completeness of response
- Clarity of response
- Costs
- Prior experience with vendor/respondent

Important Note: The City of Gallatin reserves the right to reject any and all bids, *any part of any bid*, and to waive any informality or Scribner's error found therein. **Any award, partial or full, is subject to pending funding in, and approval of, the 2013/2014 FY City budget.**

Questions regarding this solicitation:

Direct ***all questions*** regarding this solicitation – *in writing* - to both of the following:

Cameron M. Calvert cameron.calvert@gallatin-tn.gov
Joseph M. Crass joseph.crass@gallatin-tn.gov

Information Technology Division / Finance Department
City of Gallatin
132 W. Main Street
Gallatin TN 37066

All questions must be submitted in writing. Email is preferable, US post is acceptable. All questions will be answered in writing (via email only) and shared with all known prospective respondents. No verbal questions will be entertained. No questions received after 4:30pm on Thursday, September 26, 2013 will be entertained. No exceptions.

To ensure receipt of responses to questions or other pertinent information, *please register your intent to respond to this solicitation with:*

J. R. Smith jr.smith@gallatin-tn.gov
Purchasing Agent
Finance Department – Room 105
City of Gallatin
132 W. Main Street
Gallatin TN 37066

Submittal Requirements:

Submit all responses, clearly marked, as follows:

VIRTUAL SERVER, STORAGE and TAPE DEVICES

J. R. Smith
Purchasing Agent
Finance Department – Room 105
City of Gallatin
132 W. Main Street
Gallatin TN 37066

Vendor Response:

PLEASE RETURN THIS PAGE AS PART OF YOUR RESPONSE

Blade Server, complete, w/ licenses, furnish only, total: \$ _____
(Including all ancillaries)

Storage Arrays (2 each), w/ licenses, furnish only, total: \$ _____
(Total for both, including all ancillaries)

HP P4300 G2 7.2TB SAS Starter SAN, furnish only, total: \$ _____
(15k drives, including all ancillaries and licenses, alternate)

Tape Library and tapes, w/ licenses, furnish only, total: \$ _____
(Including 50 tapes, 100 labels and all ancillaries)

Backup & Dedupe server w/ licenses, furnish only, total: \$ _____
(Including all ancillaries)

HP StoreEver MSL TapeAssure Advanced Software: \$ _____
(optional response, for consideration)

Hourly rate for technical assistance via telephone: \$ _____
(optional response, for consideration, 1 year term)

Hourly rate for technical assistance on site: \$ _____
(optional response, for consideration, 1 year term)

Company Name: _____

Physical Address: _____

Office telephone: (_____) - _____ - _____

Contact email: _____ @ _____

Attest – By my signature below I attest that I have read, fully understand and agree to the requirements, stipulations, expectations and terms of this solicitation as set out herein. Costs for all specified hardware, software, licensing, ancillaries, shipping, and handling have been considered and included. No claims for extras or omissions shall be submitted nor will be entertained.

Signature: _____
(Agent authorized committing to above terms)

Printed Name: _____

Title: _____

Date: ____/____/2013

- End of Solicitation -