



County of Knox, State of Illinois
Request for Proposal

Dell Server and Storage Solution

Knox County is seeking bids for a Dell Server and Storage Solution to replace existing aging equipment in its datacenter. The solution will need to adhere to the following guidelines to be considered.

<p>Server Specific Requirements:</p> <ul style="list-style-type: none"> -Converged server platform with centralized management -20 Processing Cores and 512GB memory configured in a High Availability Configuration -Integrates with 1000BASE-TX Network Infrastructure with the ability to transition to 10GBASE-T Network Infrastructure in the future - iDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise 	<p>Storage Specific Requirements:</p> <ul style="list-style-type: none"> -iSCSI storage solution with single tier of storage -Dual Network Controller that Integrates with 1000BASE-TX Network Infrastructure -Storage should be able to perform at 3000 IOPS -Storage must be able to provide 20TB of <u>usable</u> capacity -Ability to perform local storage snapshots -Ability to grow with the system as storage needs change
<p style="text-align: center;">General Requirements for the entire solution:</p> <ul style="list-style-type: none"> -Small footprint requires no more than 4 U of rack space for entire solution -Redundant Power supplies for all proposed equipment - Dell Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch; 3 YR 24x7 Support Center w/ Priority On-Site (4 hour) (SUPPORT) -Onsite Installation of entire solution (Includes updating on all firmware/software to latest versions, basic network configuration, Hardware Monitoring Setup and Testing of Solution) 	

Please direct all questions regarding this Request for Proposal to the Information Technology Office via Phone or Email. The successful bidder must carry liability insurance, worker's compensation and pay prevailing wage.

Sealed proposals are due at the Knox County Clerk's Office by 10:00 AM on March 21, 2018. Bids will be opened on March 21, 2018 at 10:01 AM in the Knox County Clerk's Office. Proposals will be reviewed by the administration for approval at the March 28, 2018 County Board Meeting.

Knox County reserves the right to reject any and all proposals, to waive any informalities in the proposal and to accept the proposal that in its judgment will be in the best interest of Knox County.

Phone: (309) 345-6780 Email: itdept@co.knox.il.us

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