

Scott County Facility and Support Services Department
Purchasing Division
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REQUEST FOR QUOTATION

Scott County Requisition No.18785

Bidders need to complete and submit this form.

Submission Date: 6/20/2011	No Later Than: 1:00pm
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Qty	Description
	Scott County Back-up Expansion Project
	This project consists of three parts.
	Tape library hardware, licensing, installation and support necessary for project
	Professional Services necessary for project
	Server and storage hardware necessary for project
	Only bids for new equipment of the type listed will be considered
	Scope of work or equipment for each part is attached.
	Questions regarding the technical aspects of the bid may be directed to Sam Samara @ ssamara@scottcountyiowa.com or 563-328-3271
	Delivery Included
	price quotation good for 60 days
	From time to time it may be necessary to change or modify a request for purchase. If you have received this request from any other source other than direct fax or email from Scott County, it is your responsibility to check for updates and/or changes to the request. If you would like to receive automatic updates please register your company in our vendor data base by using our website, www.scottcountyiowa.com/fss/purchasing.php

Scott County reserves the right to accept the bid from the lowest responsible bidder.

Quote submitted by:

Released by:
(Scott County Use Only)

Name

Date: 6/14/2011

Time: 11:15 am

Title

Company

Date

PLEASE NOTE:

Bidders must provide an estimated delivery date in their bid response!

Company Contact Information:	Phone:
	E-Mail:

“By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa.”

The Scott County Back-up Expansion Project consists of three parts. This part consists of tape library hardware, licensing, installation, and support necessary for the project. Only bids for new equipment of the type listed will be considered.

BILL OF MATERIALS

Quantity	Product	Description
Scott County – Back-up Expansion Project - Tape Library Hardware, Licensing, Installation and Support		
Quantum Scalar i500 Hardware		
4	LSC5H-UTDG-L4HA	Quantum Scalar i500 LTO-4 Tape Drive Module 4Gb native Fiber Channel, field upgrade
3	LSC5H-UEXM-900N	Quantum Scalar i500 9U Expansion Module zero activated slots, field upgrade (NAM/APAC/LAM)
3	LSC5H-URPS-000A	Quantum Scalar i500 Redundant (2N) Power Supply Module, field upgrade Add one, two, three, four or five to 5U, 14U, 23U, 32U or 41U library, respectively.
Quantum Scalar i500 Licensing		
2	LSC5H-ULSL-046A	Quantum Scalar i500 46-slot License Key, field upgrade
Quantum Scalar i500 Installation		
1	SSCBB-NTDF-0121	Quantum Library, Tape Drive Module, native Fiber Channel or Storage Networking (SNW) Installation and Configuration, up to 12, zone 1
1	SSC5H-NEXM-0001	Quantum Scalar i500 9U Expansion Module Installation, zone 1
Quantum Scalar i500 Support		
4	SLBBM-LTDX-BL11	Quantum Scalar i500 Library, Tape Drive Module Bronze Support Plan (5x9xNBD on-site), Uplift, annual, zone 1. Coterminous with existing contract. Service to Run From 6/11 - 8/12
3	SSC5H-LEXM-BL11	Quantum Scalar i500 9U Expansion Module Bronze Support Plan (5x9xNBD on-site), Uplift, annual, zone 1 Coterminous with existing contract. Service to Run From 6/11 - 8/12.

Please note that this hardware request for quotation is part of a larger enterprise back-up project that includes two other RFQ's. The equipment and services from the other two RFQ's will also be used in the completion of the larger enterprise back-up project.

The Scott County Back-up Expansion Project consists of three parts. This part consists of professional services necessary for the project. Only bids for the services described will be considered.

PROFESSIONAL SERVICES DESCRIPTION

Bidders will be responsible for the necessary installation and configuration tasks to integrate the back-up solution into our existing enterprise network. Bidders will ultimately provide a fully operational back-up solution at the end of the project.

The existing back-up environment consists of two HP MSA 1000 disk arrays, a Quantum/ADIC Scalar i500 tape library, and two physical servers that host the Commvault 6.x and 8.x installations. Scott County's current data network consists of a Cisco network infrastructure with an HP server infrastructure.

The recently installed enterprise server infrastructure is based on two HP C7000 Blade chassis with Cisco 3120 blades for LAN switching and HP/Brocade 8/24 blades for SAN switching. Scott County's intent is to integrate our new back-up infrastructure into our blade chassis and utilize the available local area and storage area network backplanes within these chassis. These upgrades are needed to meet the back-up needs of the new SECC public safety facility, while providing some expansion capability for future data growth.

Please provide a Professional Services quote response outlining the cost to perform the following tasks associated with the Scott County Back-up Expansion Project.

1. Install and configure one HP P2000 storage array with expansion disk enclosure for use as a disk based target
2. Install and configure two HP BL 490 G7 servers into existing C7000 server chassis for use as Commvault Media Agents/Commcells
3. Upgrade one Quantum/ADIC Scalar i500 tape library
 - a. Consult on and assist with the shutdown and relocation of existing i500
 - b. Consult on and assist with the upgrade from 2 LTO3 tape drives to 4 LTO4 tape drives
 - c. Consult on and assist with the upgrade from one expansion cabinet to four expansion cabinets
4. Upgrade an existing install of Commvault version 6.x to Commvault Simpana Version 9.x
 - a. Install Commvault Media Agents on two HP BL490 G7 blade servers
 - b. Install Commvault Commcell on two HP BL490G7 server blade servers
 - c. Establish connectivity to disk and tape targets
 - d. Establish de-duplication on disk and tape targets
 - e. Establish VMDK back-up tasks
 - f. Restore CVROMS web-based interface

Please note that this Professional Services request for quotation is part of a larger enterprise back-up project that includes two other hardware RFQ's. The equipment from those two other RFQ's will also be used in the completion of the larger enterprise back-up project.

The Scott County Back-up Expansion Project consists of three parts. This part consists of server and storage hardware necessary for the project. Only bids for new equipment of the type listed will be considered.

BILL OF MATERIALS

Quantity	Product	Description
Scott County – Back-up Expansion Project - Server and Storage Hardware		
HP StorageWorks P2000 G3 Storage		
1	BV903A	HP Storage P2000 G3 FC MSA DC w/24 600GB 6G SAS 10K SFF HDD 14.4TB Bundle Interface - 8Gb FC host interface Form factor - 2.5 in. (drive)2U (enclosure) Total drive count - Includes 24 600GB 6G 10K SFF Dual-port SAS drives Capacity - Includes 14.4TB of RAW storage Expansion - Expand w/ P2000 3.5-inch disk enclosure or D2700 2.5-inch disk enclosure
1	AJ941A	HP Storage D2700 Disk Enclosure Model Differentiator - Drive enclosure for Small Form Factor drives Number of drives - Up to 25 x 500GB SAS MDL hard disk drives Capacity - Scalable to 50TB Storage Expansions - 1+1 cascading off a single x4 SAS port (up to 100 drives) Host interface - 6 Gb/sec SAS host interface Form Factor - 2U 1000Base-T SFP
25	581286-B21	HP 600GB 6G SAS 10K rpm SFF (2.5-inch) Dual Port Enterprise Hard Drive 3yr Warranty
6	AJ716A	HP 8Gb Shortwave B-series Fiber Channel SFP+ Transceiver
6	AJ715A	HP 4Gb Shortwave B-series Fiber Channel SFP+ Transceiver
HP ProLiant BL460c G7 Server Blade		
2	603718-B21 626902-L21 500656-12G 626902-B21 500656-12G	Product - HP ProLiant BL460c G7 Server Blade Processor - Quad-Core Intel® Xeon® Processor X5667 (3.06GHz, 12M L3 Cache, 95 Watts, DDR3-1333, HT, Turbo 1/1/2/2) Memory for 1st processor - HP 12GB PC3-10600R 6x2GB 2Rank Memory 2nd processor - Quad-Core Intel® Xeon® Processor X5667 (3.06GHz, 12M L3 Cache, 95 Watts, DDR3-1333,HT, Turbo 1/1/2/2) Memory for 2nd processor - HP 12GB PC3-10600R 6x2GB 2Rank Memory Storage controller - Embedded P410i (SAS ArrayController)

	507127-B21	1st hard drive - HP 300GB 6G Hot Plug 2.5 SAS Dual Port 10,000 rpm Ent.
	507127-B21	2nd hard drive - HP 300GB 6G Hot Plug 2.5 SAS Dual Port 10,000 rpm Ent.
	339778-B21	RAID setting - RAID 1 drive set (requires matching 2 hard drives)
	534916-B21	Storage controller upgrade - HP 512MB Flash Backed Write Cache (For P410i)
	512488-B21	Network card - 2 HP Embedded 1Gb/10Gb Multi-function Network Int. NC553i
		HP Insight Software - installed - HP iLO Advanced Blade
		1 Server License with 1yr 24x7 Technical Support and Updates
		Server management - Integrated Lights Out 3 (iLO 3) Standard Blade Edition (integrated on the motherboard) Warranty - 3-Year Limited Warranty Included
2	451871-B21	QLogic QMH2562 8Gb Fibre Channel Host Bus Adapter for c-Class BladeSystem
2	416585-B21	NC325m PCI Express Quad Port 1Gb Server Adapter for c-Class BladeSystem
2	UK075E	HP Care Pack 5-year, 6-Hour, Call-to-Repair BL4xxc Server Blade Support
2	UE493E	HP Care Pack installation c-Class server blade –electronic
2	UJ227E	HP 5y 24x7 IC BL 8-Svr SW Support - Electronic

Please note that this hardware request for quotation is part of a larger enterprise back-up project that includes two other RFQ's. The equipment and services from the other two RFQ's will also be used in the completion of the larger enterprise back-up project.