



COUNTY OF McHENRY
 PURCHASING DEPARTMENT
 2200 N SEMINARY AVENUE
 WOODSTOCK, IL 60098



RFP 21-4300
Disc Storage and Backup Solution

This Request for Proposal (RFP) is for the purpose of, contracting with a qualified firm to provide Disc Storage and Backup Solution to the County of McHenry, subject to continuing need and availability of funds.

Contact Information:

Djuana M Leonard, C.P.M., Procurement Specialist

E-mail: dmleonard@mchenrycountyil.gov

Any communication regarding this Bid or Request between the date of issue and date of award is required to go through the Procurement Specialist listed (or the Purchasing Administrative Specialist). Unauthorized contact with other McHenry County staff or officers is strictly forbidden. **ELECTRONIC COMMUNICATIONS REQUIRED.**

SCHEDULE OF EVENTS

September 29, 2021	RFP Available on County Website
October 6, 2021	Questions due to dmleonard@mchenrycountyil.gov no later than 12:00 p.m. (CST)
October 8, 2021	Final Addendum posted on County website no later than 4:00 p.m. (CST)
October 18, 2021	Proposals due no later than 9:00 a.m. (CST) Email PDFs to dmleonard@mchenrycountyil.gov
October 19-25, 2021	Initial County Review and Evaluations
November 16-22, 2021	Final Evaluation, County Board Approval & Contract Execution

OVERVIEW OF THE COUNTY OF McHENRY

The County of McHenry is a unit of local government in the State of Illinois with a population of 310,000, as estimated by the US Census Bureau, within 611 square miles. It is ranked as one of the fastest growing of Illinois' 102 counties. The governing body is the County Board, which is comprised of twenty-four elected members.

The County has thirteen (13) constructed facilities in various locations totaling approximately 688,000 square feet.

The County employs approximately 1,300 full and part-time employees in twenty-eight departments, which are administrated by a mix of elected officials and appointed department heads. McHenry County manages nursing home care, public health services, public safety, an adult correctional facility, transportation planning, road improvement and maintenance, administrative services, and a judicial system.

REQUEST FOR PROPOSALS (General Terms and Conditions)

DEFINITION

Request for Proposals (RFP) is a method of procurement permitting discussions with responsible contractor and revisions to proposals prior to award of a contract. Proposals will be opened and evaluated in private. Award will be based on the criteria set forth herein.

RECEIPT and HANDLING of PROPOSALS

Proposals shall be opened in private by the Evaluation Committee to avoid disclosure of contents to competing contractors.

EVALUATION of PROPOSAL

The proposals submitted by contractors shall be evaluated solely in accordance with the criteria set forth in the RFP. The Evaluation Committee may conduct discussions with any offeror who submits an acceptable or potentially acceptable proposal. Contractors shall be accorded fair and equal treatment with respect to any opportunity for discussion and revision of proposals. During the course of such discussions, the Evaluation Committee shall not disclose any information derived from one proposal to any other contractor.

OPTIONAL PRESENTATION

After an initial review of the proposals, individuals or agencies may be invited to prepare a short presentation and be available for an interview with the Evaluation Committee.

NEGOTIATIONS

The County of McHenry reserves the right to negotiate specifications, terms, and conditions, which may be necessary or appropriate to the accomplishment of the purpose of this RFP. The County may require the RFP and the offeror's proposal be incorporated in full or in part as Contract Documents. This implies that this RFP and all responses, supplemental information, and other submissions provided by the contractor during discussions or negotiations may be held by the County of McHenry as contractually binding on the successful Contractor.

NOTICE of UNACCEPTABLE PROPOSAL

When the Evaluation Committee determines a contractor's proposal to be unacceptable, such contractor shall not be afforded an additional opportunity to supplement its proposal.

SELECTION PROCESS

The proposal submitted will be the primary document upon which each Proposer will be evaluated by an evaluation team. All proposals will first be screened in determining whether the Proposer has responded to each of the proposal requirements requested herein. To be considered responsive, proposals should address all items identified in the Proposal Requirements. Failure to provide a complete response may be grounds for rejection of proposal.

After review of the proposals, the County may determine a short list of qualified firms for interviews/presentations. The County reserves the right to accept or reject any and all proposals and all or part of a proposal and may waive informalities, technical defects, and minor irregularities in the proposals received.

CRITERIA for SELECTION and SUBMISSION REQUIREMENTS

The following criteria and point system shall be used by the selection team to determine the firm or individual(s) most qualified and best suited to perform the work; further, this section defines the submission format:

- 1. **Cover Letter (0 points)**
Provide an introductory letter that is signed by an authorized representative of the firm.
- 2. **Firm Qualifications and Experience (0-50 points)**
Provide documentation demonstrating the firm’s qualifications and experience for the specific scope of services as set for herein.
- 3. **Compliance with Requirements of this RFP (0-30 points)**
- 4. **Price (0-15 points)**
- 5. **References (0-5 points)**

Total 100 points

DESCRIPTION OF WORK AND SPECIFICATIONS

McHenry County is seeking qualified firms to provide Disc Storage and Backup Solution, according to the specifications set forth herein.

SECTION 1A -Pure Storage Parts & Software

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	FA-C60-FC-345TB-247/98	FlashArray C60-FC-345TB-247/98	1
2	FA-C60-345TB 1MO, PRM, GOLD	FA-C60-345TB 1 Month Evergreen Gold Subscription, 4 Hour Delivery, 24/7 Support	72
3	PS-FLASHARRAY-INSTALL	PS-FLASHARRAY-INSTALL	1
4	FA-C60-FC-345TB-247/98	FlashArray C60-FC-345TB-247/98	1
5	FA-C60-345TB 1MO, PRM, GOLD	FA-C60-345TB 1 Month Evergreen Gold Subscription, 4 Hour Delivery, 24/7 Support	72
6	PS-FLASHARRAY-INSTALL	PS-FLASHARRAY-INSTALL	1
7	FA-C60-FC-345TB-247/98	FlashArray C60-FC-345TB-247/98	1
8	FA-C60-345TB 1MO, PRM, GOLD	FA-C60-345TB 1 Month Evergreen Gold Subscription, 4 Hour Delivery, 24/7 Support	72
9	PS-FLASHARRAY-INSTALL	PS-FLASHARRAY-INSTALL	1
10	PEAK-Virtual-1Day-1Learner	Virtual instructor-led training	4
11	FA-XR2-32G-FC-SFP-SR, 8-PACK	FA-XR2-32G-FC-SFP-SR, 8-PACK	3
12	PS-BLOCK-DATA-MIGRATION-ADVANCED	Migrate storage array(s) to Pure storage (w/ Assumptions Documented)	24

SECTION 1B - Pure Storage Implementation

Included in PS-BLOCK-DATA-MIGRATION-ADVANCED

Site Information:

Source Storage: HP 3Par(s)

Target Storage: Pure Flash Array(s)

San Fabric: Currently Brocade (migrating to Cisco)

Assumptions:

1. Cisco SAN Fabric migration is out of scope
2. All VMs that are FC attached in the RVtools report will be migrated
3. No Physical RDMs exist
4. All ESXi servers Boot from SAN and are in scope
5. Access to ESXi host OOB management
6. Access to PURE storage array(s)
7. Access to SAN Fabrics
8. Access to current build ESXi ISO for ESXi reinstall
9. Access to Backup configuration or Profiles for each ESXi hosts
10. For the “**teach to fish**” option, 20 VMs and 3 ESXi host will be migrated by Pure

SECTION 2A - Cisco Parts & Software

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	DS-C9148T-24EK9	MDS 9148T 32G 48-Port FC switch, w/ 24 active ports, exhaust	3
2	DS-CAC-650W-E	650W AC PSU Port side Exhaust	6
3	CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	6
4	DS-C32S-FAN-E	MDS 9132 FAN tray, port side Exhaust	12
5	DS-SFP-FC32G-SW	32 Gbps Fibre Channel SW SFP+, LC	144
6	M9148T-PL8	MDS 9148T 32G FC switch 8-port upgrade license	9
7	M9148S6K9-8.3.1	MDS 9148T Supervisor/Fabric-6, NX-OS Software Rel. 8.3(1)	3
8	DS-9148T-KIT-CSCO	MDS 9148T Accessory Kit for Cisco	3
9	DS-C9148T-24EK9	MDS 9148T 32G 48-Port FC switch, w/ 24 active ports, exhaust	3
10	DS-CAC-650W-E	650W AC PSU Port side Exhaust	6
11	CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	6
12	DS-C32S-FAN-E	MDS 9132 FAN tray, port side Exhaust	12
13	DS-SFP-FC32G-SW	32 Gbps Fibre Channel SW SFP+, LC	144
14	M9148T-PL8	MDS 9148T 32G FC switch 8-port upgrade license	9
15	M9148S6K9-8.3.1	MDS 9148T Supervisor/Fabric-6, NX-OS Software Rel. 8.3(1)	3
16	DS-9148T-KIT-CSCO	MDS 9148T Accessory Kit for Cisco	3
17	UCS-FI-6454-U	UCS Fabric Interconnect 6454	4
18	N10-MGT017	UCS Manager v4.1 and Intersight Managed Mode v4.1	4
19	UCS-PSU-6332-AC	UCS 6332/ 6454 Power Supply/100-240VAC	8
20	CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	8
21	DS-SFP-FC32G-SW	32 Gbps Fibre Channel SW SFP+, LC	16
22	SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	32
23	SFP-10G-SR	10GBASE-SR SFP Module	16
24	UCS-ACC-6332	UCS 6332/ 6454 Chassis Accessory Kit	4
25	UCS-FAN-6332	UCS 6332/ 6454 Fan Module	16
26	DC-MGT-SAAS	Cisco Intersight SaaS	16
27	DC-MGT-SAAS-AD-C	Cisco Intersight SaaS - Advantage (new)	24
28	SVS-DCM-SUPT-BAS	Basic Support for DCM	24
29	DC-MGT-IMCS-1S	IMC Supervisor - Advanced - 1 Server License	24
30	DC-MGT-UCSC-1S	UCS Central Per Server - 1 Server License	24
31	CON-SNTP-DSC9148E	SNTP-24X7X4 MDS 9148T 32G 48-Port FC switch, w/ 24 a	3
32	CON-SNTP-DSC9148E	SNTP-24X7X4 MDS 9148T 32G 48-Port FC switch, w/ 24 a	3
33	CON-SNTP-SFI6454U	SNTP-24X7X4 UCS Fabric Interconnect 6454	4

SECTION 2B - Cisco Implementation Services

The vendor shall provide the following services:

1. All testing and staging of equipment performed at County of McHenry facilities.
2. Installation and configuration of all equipment.
3. Provide training and knowledge transfer during testing, staging, and installation of equipment.

Qualifications and Experience:

The vendor shall submit evidence of the firm's ability to perform the work, as indicated by profiles of the principals and a description of the involved staff's professional and technical competence. Work experience should focus on CCIE level experience with MDS Fabric switches and have a working knowledge of Brocade switching environments. The vendor should have CCIE level experience with implementation of UCS Fabric Interconnects, and Cisco Intersite.

For bidding purposes, the estimated number of contract hours to complete the project is 200. The contract hours will be broken down by skill set based on project tasks.

SECTION 3 - HP Parts & Software

Item #	PART NUMBER	DESCRIPTION	QTY
1	Q6Q67A	HPE StoreEver MSL LTO-8 Ultrium 30750 FC Drive Upgrade Kit	12
2	C7978A	HPE LTO Ultrium Universal Cleaning Cartridge - LTO - 1046.59 ft Tape Length - 1 Pack	1
3	QU625A	HPE StoreEver MSL6480 tape library scalable base module	2
4	Q2078AC	Custom label media w/o cases - HPE LTO Ultrium-8 Data Cartridge - LTO-8 - Rewritable - Labeled - 12 TB - (Native) / 30 TB (Compressed) - 3149.61 ft Tape Length - 20 Pack - TAA Compliant	10
5	Q2078AC	Custom label media with cases - HPE LTO-8 Ultrium 30TB RW Custom Labeled Library Pack 20 Data Cartridges - with Cases - LTO-8 - Rewritable - Labeled - 12 TB (Native) / 30 TB - (Compressed) - 3149.61 ft Tape Length - 20 Pack	10
6	P9H33A	HPE Path Failover - License To Use (LTU) - 1 Tape Library - Physical License	1
7	P9H33AAE	HPE MSL6480 LTO-7 PATH FAILOVER E-LTU - Electronic License	1

SECTION 4 – Financial Alternatives to a purchase

Provide a complete array of leasing and financial lifecycle management services for a five-year lease. Include estimated payments.

MANDATORY PAGE (1of7)
PROPOSAL PRICING FORM

We, _____, propose to provide the requested services according to the requirements of this Request for Proposal. We also certify that written proposal is valid for 120 days from the date of this proposal and the attached information are received and filed by the County of McHenry.

SECTION 1A - Pure Storage Parts & Software

ITEM #	PART NUMBER	DESCRIPTION	QTY	PRICING
1	FA-C60-FC-345TB-247/98	FlashArray C60-FC-345TB-247/98	1	\$
2	FA-C60-345TB 1MO, PRM, GOLD	FA-C60-345TB 1 Month Evergreen Gold Subscription, 4 Hour Delivery, 24/7 Support	72	\$
3	PS-FLASHARRAY-INSTALL	PS-FLASHARRAY-INSTALL	1	\$
4	FA-C60-FC-345TB-247/98	FlashArray C60-FC-345TB-247/98	1	\$
5	FA-C60-345TB 1MO, PRM, GOLD	FA-C60-345TB 1 Month Evergreen Gold Subscription, 4 Hour Delivery, 24/7 Support	72	\$
6	PS-FLASHARRAY-INSTALL	PS-FLASHARRAY-INSTALL	1	\$
7	FA-C60-FC-345TB-247/98	FlashArray C60-FC-345TB-247/98	1	\$
8	FA-C60-345TB 1MO, PRM, GOLD	FA-C60-345TB 1 Month Evergreen Gold Subscription, 4 Hour Delivery, 24/7 Support	72	\$
9	PS-FLASHARRAY-INSTALL	PS-FLASHARRAY-INSTALL	1	\$
10	PEAK-Virtual-1Day-1Learner	Virtual instructor-led training	4	\$
11	FA-XR2-32G-FC-SFP-SR, 8-PACK	FA-XR2-32G-FC-SFP-SR, 8-PACK	3	\$
12	PS-BLOCK-DATA-MIGRATION-ADVANCED	Migrate storage array(s) to Pure storage (w/ Assumptions Documented)	24	\$

MANDATORY PAGE (2of7)
PROPOSAL PRICING FORM

SECTION 2A - Cisco Parts & Software

ITEM #	PART NUMBER	DESCRIPTION	QTY	PRICING
1	DS-C9148T-24EK9	MDS 9148T 32G 48-Port FC switch, w/ 24 active ports, exhaust	3	\$
2	DS-CAC-650W-E	650W AC PSU Port side Exhaust	6	\$
3	CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	6	\$
4	DS-C32S-FAN-E	MDS 9132 FAN tray , port side Exhaust	12	\$
5	DS-SFP-FC32G-SW	32 Gbps Fibre Channel SW SFP+, LC	144	\$
6	M9148T-PL8	MDS 9148T 32G FC switch 8-port upgrade license	9	\$
7	M9148S6K9-8.3.1	MDS 9148T Supervisor/Fabric-6, NX-OS Software Rel. 8.3(1)	3	\$
8	DS-9148T-KIT-CSCO	MDS 9148T Accessory Kit for Cisco	3	\$
9	DS-C9148T-24EK9	MDS 9148T 32G 48-Port FC switch, w/ 24 active ports, exhaust	3	\$
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18	N10-MGT017	UCS Manager v4.1 and Intersight Managed Mode v4.1	4	\$
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21	DS-SFP-FC32G-SW	32 Gbps Fibre Channel SW SFP+, LC	16	\$
22	SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	32	\$
23	SFP-10G-SR	10GBASE-SR SFP Module	16	\$
24	UCS-ACC-6332	UCS 6332/ 6454 Chassis Accessory Kit	4	\$
25	UCS-FAN-6332	UCS 6332/ 6454 Fan Module	16	\$
26	DC-MGT-SAAS	Cisco Intersight SaaS	16	\$
27	DC-MGT-SAAS-AD-C	Cisco Intersight SaaS - Advantage (new)	24	\$
28	SVS-DCM-SUPT-BAS	Basic Support for DCM	24	\$
29	DC-MGT-IMCS-1S	IMC Supervisor - Advanced - 1 Server License	24	\$
30	DC-MGT-UCSC-1S	UCS Central Per Server - 1 Server License	24	\$
31	CON-SNTP-DSC9148E	SNTP-24X7X4 MDS 9148T 32G 48-Port FC switch, w/ 24 a	3	\$
32	CON-SNTP-DSC9148E	SNTP-24X7X4 MDS 9148T 32G 48-Port FC switch, w/ 24 a	3	\$
33	CON-SNTP-SFI6454U	SNTP-24X7X4 UCS Fabric Interconnect 6454	4	\$

MANDATORY PAGE (3of7)
PROPOSAL PRICING FORM

SECTION 2B - Cisco Implementation Services

The vendor should provide the following services:

All testing and staging of equipment performed at County of McHenry facilities.	\$
Installation and configuration of all equipment.	\$
Provide training and knowledge transfer during testing, staging, and installation of equipment.	\$

SECTION 3 - HP Parts & Software

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2	C7978A	HPE LTO Ultrium Universal Cleaning Cartridge - LTO - 1046.59 ft Tape Length - 1 Pack	1	\$
3	QU625A	HPE StoreEver MSL6480 tape library scalable base module	2	\$
4	Q2078AC	Custom label media w/o cases - HPE LTO Ultrium-8 Data Cartridge - LTO-8 - Rewritable - Labeled - 12 TB (Native) / 30 TB (Compressed) - 3149.61 ft Tape Length - 20 Pack - TAA Compliant	10	\$
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6	P9H33A	HPE Path Failover - License To Use (LTU) - 1 Tape Library - Physical License	1	\$
7	P9H33AAE	HPE MSL6480 LTO-7 PATH FAILOVER E-LTU - Electronic License	1	\$

SECTION 4 – Financial Alternatives to a purchase

Provide a complete array of leasing and financial lifecycle management services for a five-year lease. Include estimated payments.	\$
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Please List any exceptions to the RFP Specifications:

MANDATORY PAGE (4of7)

REFERENCES

Please list three (3) references, other than McHenry County, you have done similar work, service or supplied similar products to within the last twelve (12) months. **Email address required. It is the vendor's responsibility to ensure references respond to the County, as required.**

Entity: _____

Address: _____ City, State, Zip Code: _____

Telephone Number: _____ Contact Person: _____

Email Address: _____

Entity: _____

Address: _____ City, State, Zip Code: _____

Telephone Number: _____ Contact Person: _____

Email Address: _____

Entity: _____

Address: _____ City, State, Zip Code: _____

Telephone Number: _____ Contact Person: _____

Email Address: _____

MANDATORY PAGE (5 of 7)
CERTIFICATONS PAGE

- I acknowledge to have read, understand, and agree to the **Bid or Request Documents** Provided for this Bid or Request as posted on McHenry County's Website Yes
- I acknowledge to have read, understand, and agree to the policies contained within the **McHenry County Purchase Ordinance**, amended June 1, 2021 Yes
- I acknowledge I have read, understand, and agree to the **Standard Terms and Conditions** provided for this Bid or Request as posted on McHenry County's website. Yes
- I acknowledge to have read, understand, and agree to any and all **Addenda** provided for this Bid or Request as posted on McHenry County's website. Yes
- I acknowledge there to be **SEVEN (7) Mandatory Pages, including the W-9** to be completed and/or submitted for my Bid or Submission to be considered. Yes
- Submitter certifies it has not been barred from contracting with a unit of State or Local Government as a result of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961, as amended. Yes
- Vendor certifies it is aware that all contracts for the Construction of Public Works are subject to the **Illinois Prevailing Wage Act** (820 ILCS 130/1-12) and this Bid or Request
 Is Subject to, Is NOT Subject to the Illinois Prevailing Wage Act. Yes
- Vendor acknowledges this Bid or Request Is Subject to, Is NOT Subject to the **Employment of Illinois Workers in Public Works Act** (30 ILCS 570/3) and will comply with the requirements set forth in this Act. Yes
- I acknowledge this Bid or Request Requires, Does NOT Require a **Bid Bond** Yes
- I will include my **W-9 as a Mandatory Page** Requirement for this Bid or Request and, in addition, under penalties of perjury, I certify that my correct **Federal Taxpayer Identification Number** is: _____
- I am doing business as a (please indicate one): Sole Proprietorship
 Corporation: State of Incorporation: _____
 Partnership
 Other _____

- State full names, titles and addresses of all responsible principles and/or partners below and/or Authorized Negotiators:

Name and Title: _____

City, State and Zip Code: _____

Telephone Number: _____ Email: _____

Name and Title: _____

City, State and Zip Code: _____

Telephone Number: _____ Email: _____

MANDATORY PAGE (6 of 7)
SIGNATURE PAGE

- I have carefully examined the Bid or Request, Scope of Work, Specifications, and any other documents accompanying or made a part of this Bid or Request. I hereby propose to furnish the goods or services specified. I agree my proposal will remain firm for a period of up to 120 days from due date in order to allow the County time to evaluate the qualifications submitted. I verify all information contained in this proposal is truthful to the best of my knowledge and belief. I further certify I am duly authorized to submit on behalf of the firm as its act and deed, and the firm is ready, willing, and able to perform if awarded the contract. I further certify, under oath, this proposal is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a proposal for the same product or service. No officer, employee or agent of the County of McHenry or any other proposer is interested in said proposal and the Undersigned executed this Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

Individual/Company/Corporation: _____

Business Address: _____

City, State and Zip Code: _____

Printed Name and Title: _____

Signature: _____ **Date:** _____

Telephone Number: _____ Email: _____

Witness Printed Name and Title: _____

Witness Signature: _____ **Date:** _____

End of Document