



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header

List View

General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 170041

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000219154



Legal Name: SOFTWARE INFORMATION SYSTEMS LLC

Alias/DBA:

Total Bid: \$260,000.00

Response Date: 01/19/2016



Response Time: 9:36

SO Doc Code: CRFQ

SO Dept: 0210

SO Doc ID: ISC160000005

Published Date: 1/11/16

Close Date: 1/19/16

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum #2 - SAN Storage Systems (OT1699)



Total of Header Attachments: 0

Total of All Attachments: 0

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	SAN Storage Solutions	2.00000	EA	\$110,000.000000	\$220,000.00

Comm Code	Manufacturer	Specification	Model #
43210000			

Extended Description :	SAN Storage Solutions
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Initial Year Maintenance and Support				\$10,000.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description :	Initial Year Maintenance and Support
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Optional Year 2 Maintenance and Support				\$10,000.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description :	Optional Year 2 Maintenance and Support
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Optional Year 3 Maintenance and Support				\$10,000.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description :	Optional Year 3 Maintenance and Support
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Optional Year 4 Maintenance and Support				\$10,000.00

Comm Code	Manufacturer	Specification	Model #
81112201			

Extended Description :	Optional Year 4 Maintenance and Support
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Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation

Proc Folder: 170041

Doc Description: Addendum #2 - SAN Storage Systems (OT1699)

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-01-11	2016-01-19 13:30:00	CRFQ 0210 ISC1600000005	3

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

VENDOR

Vendor Name, Address and Telephone Number:

Software Information System, LLC
200 Association Drive, Suite 210
Charleston, WV 25311



Strategy | Technology | Results
200 Association Drive, Charleston, WV 25311

Tot 260,000

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale
(304) 558-7023
stephanie.l.gale@wv.gov

Signature X

FEIN #

61-1371685

DATE

1-19-2016

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

Addendum #2 issued to:

1. Provide attachment for Addendum #1.

End of Addendum #2

INVOICE TO	SHIP TO
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV25305 US	WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SAN Storage Solutions	2.00000	EA	<i>\$ 110,000</i>	<i>\$ 220,000</i>

Comm Code	Manufacturer	Specification	Model #
43210000	<i>Humble</i>	<i>see Data Sheet</i>	<i>CS300-2F-36T-4TF</i>

Extended Description :

SAN Storage Solutions

INVOICE TO	SHIP TO
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV25305 US	WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Initial Year Maintenance and Support	0.00000		<i>5000</i>	<i>10,000</i>

Comm Code	Manufacturer	Specification	Model #
81112201	<i>N. Able</i>		<i>SLA-MBD</i>

Extended Description :

Initial Year Maintenance and Support

INVOICE TO	SHIP TO
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV25305 US	WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Optional Year 2 Maintenance and Support	0.00000		5000.00	10,000.00

Comm Code	Manufacturer	Specification	Model #
81112201	M. n/k		SLA-MBD

Extended Description :

Optional Year 2 Maintenance and Support

INVOICE TO	SHIP TO
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV25305 US	WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Optional Year 3 Maintenance and Support	0.00000		5000.00	10,000.00

Comm Code	Manufacturer	Specification	Model #
81112201	M. n/k		SLA-MBD

Extended Description :

Optional Year 3 Maintenance and Support

INVOICE TO	SHIP TO
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV25305 US	WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	Optional Year 4 Maintenance and Support	0.00000		5000.00	10,000.00

Comm Code	Manufacturer	Specification	Model #
81112201	<i>N. 4/6/5</i>		<i>SLA-NRP</i>

Extended Description :

Optional Year 4 Maintenance and Support

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions Due	2015-12-30

ATTACHMENT A – Pricing Page

Commodity Line Number	Part Number	Description	Unit of Measure	Quantity	Unit Cost	Extended Cost
Commodity Line 1, Specification 3.1.1	CS300-2F-36T-4TF	CS300, 2X1 GIGE, DUA, 16GBFC Only (QTY. 1 PAIR), 12X3TB HDD, 4X 960GB SSDS	Each	2	110000.00	220,000.00
Commodity Line 2, Specification 3.1.2	SLA-NBD	NBD Parts Delivery, SW Support & Infosight NEXGEN ATRRAYS YR 1	Each	2	5000.00	10,000.00
Commodity Line 3, Specification 3.1.3	SLA-NBD	NBD Parts Delivery, SW Support & Infosight NEXGEN ATRRAYS YR 2	Each	2	5000.00	10,000.00
Commodity Line 4, Specification 3.1.3	SLA-NBD	NBD Parts Delivery, SW Support & Infosight NEXGEN ATRRAYS YR 3	Each	2	5000.00	10,000.00
Commodity Line 5, Specification 3.1.3	SLA-NBD	NBD Parts Delivery, SW Support & Infosight NEXGEN ATRRAYS YR 4	Each	2	5000.00	10,000.00
Total Cost					260,000.00	

SOLICITATION NUMBER: CRFQ ISC1600000005

Addendum Number: 2

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- ☐ Modify bid opening date and time
- ☐ Modify specifications of product or service being sought
- ☐ Attachment of vendor questions and responses
- ☐ Attachment of pre-bid sign-in sheet
- ☐ Correction of error
- ☒ Other

Description of Modification to Solicitation:

Addendum #2 issued to:

1. Provide attachment for Addendum #1.

End of Addendum #2

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: ISC1600000005

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Software Integration Systems LLC
Company

[Signature]
Authorized Signature

1-19-2016
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Software Information Systems, LLC

(Company)

Charles P. Arnesen Sr. Client Executive

(Authorized Signature) (Representative Name, Title)

304 768-1645 304 768-1671 1-19-2016

(Phone Number) (Fax Number) (Date)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Software Fabricators Systems LLC

Authorized Signature: [Signature] Date: 1-11-2016

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 11 day of January, 2016.

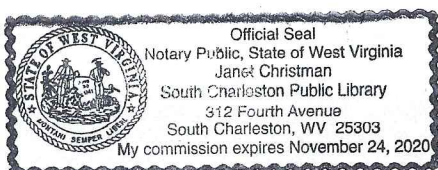
My Commission expires Nov, 2020

AFFIX SEAL HERE

NOTARY PUBLIC

Janet Christman

Purchasing Affidavit (Revised 07/01/2012)



Nimble Storage CS-Series Arrays: Building Blocks of the Adaptive Flash Platform

Nimble Storage CS-Series arrays are the building blocks of Adaptive Flash, a storage platform that dynamically and intelligently allocates storage resources to satisfy the changing needs of business-critical applications.

Adaptive Flash is based on CASL™, Nimble's patented Cache Accelerated Sequential Layout architecture, and InfoSight™, its data sciences-based approach to the storage lifecycle. CASL allows performance and capacity to be scaled seamlessly and independently. InfoSight leverages the power of deep-data analytics to deploy storage resources as needed by business-critical applications.



Nimble Storage CS-Series Arrays

Any Nimble Storage array can be scaled to enterprise levels of performance and capacity.

The CS210, CS215, and CS235 provide value and capacity for small to medium-sized IT organizations or remote offices, for workloads such as Microsoft Exchange and VDI.

The CS300 is ideal for midsize IT organizations or distributed sites of larger organizations. It offers the best capacity per \$ for workloads like Microsoft applications, VDI, or virtual server consolidation. The CS300 delivers 1.6x more IOPS than the CS235.

The CS500 offers advanced performance for larger-scale deployments or IO-intensive workloads, like larger-scale VDI, and Oracle or SQL Server databases, and provides the best performance and IOPS per \$. The CS500 achieves 5x the performance of the CS235.

The CS700 is designed for consolidating multiple large-scale critical applications with aggressive performance demands. It delivers approximately 7x the IOPS of the CS235.

All Nimble Storage arrays support the iSCSI storage protocol. Fibre Channel protocol support is available with the CS235, CS300, CS500, and CS700.

Scale-to-Fit with Scale-Out Architecture

CASL's scale-to-fit capability allows performance and capacity to be scaled seamlessly and independently to meet the growing demands of today's enterprise applications. Capacity can be scaled to hundreds of terabytes by simply adding disk shelves while performance can be enhanced by adding CPU cores for greater overall throughput or additional solid state drives (SSDs) for enhanced read performance. Performance and capacity can even be seamlessly scaled beyond a single array to a cluster of up to any four Nimble Storage arrays.

Integrated Data Protection

Data protection is built into every Nimble Storage array, eliminating the inefficiency associated with managing primary and backup storage tiers. Nimble arrays use advanced data protection features including frequent point-in-time snapshots and WAN-efficient replication.

InfoSight and Proactive Wellness

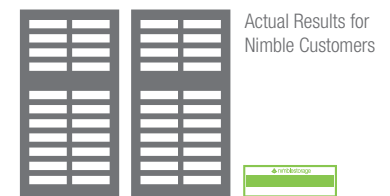
InfoSight is a key component of the Adaptive Flash platform, offering expert guidance on scaling. InfoSight monitors all Nimble arrays, collectively and individually, from the cloud, using the data it collects to pinpoint problems — and offer remedies — before they can bring systems down.

In addition to InfoSight, Nimble offers these key support benefits: access to 24x7 technical support; 4-hour, or next business day, parts delivery; always-on monitoring and response; and frequent software updates.

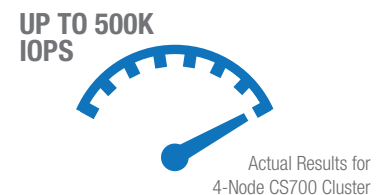
“Our customers see large data sets, small data sets and diverse workloads. Nimble's CS700 and all-flash expansion shelf combine to offer customers a means of covering lots of ground in terms of both performance and capacity, within an attractively small datacenter footprint.”

Jeff Thomas
Director of IT operations
MarkLogic

Our Customers Require Up To 10x Less Rackspace



Our Customers Get Blazing Performance



Our Customers Enjoy Virtually Zero Downtime



Product Specifications

Product Family	Ultimate Performance Scale-Out Cluster ^{1,7}	Extreme Performance Family					High Performance Family					Base Performance Family					Value Array Family		
Nimble CS-Series Array	4x CS700	CS700					CS500					CS300					CS210	CS215	CS235
Raw Disk Capacity, Base (TB) ²	2,448	12	24	36	48	72	12	24	36	48	72	12	24	36	48	72	8	12	24
Min. Usable Capacity (TB) ⁴	1,784	8	16	25	33	50	8	16	25	33	50	8	16	25	33	50	4	8	16
Effective Capacity, Base (TB) ²	1,784- 3,568	8-16	16-32	25-50	33-66	50-100	8-16	16-32	25-50	33-66	50-100	8-16	16-32	25-50	33-66	50-100	4-8	8-16	16-32
Effective Capacity, Maximum (TB) ^{2,3,5}	3,568	808	824	842	858	892	808	824	842	858	892	808	824	842	858	892	140	302	428
Max Number of Disk Expansion Shelves	24	up to 6					up to 6					up to 6 ⁸					1	3 ⁹	3 ⁹
Base/Max Flash Capacity per Array (GB)	30,720	3,200 to 7,680					1,200 to 7,680					640 to 3,840					160 to 640	320 to 1,200	640 to 1,200
Max Supported Flash with All-Flash Shelf (GB)	192,000	38,400					38,400					16,000					NA	NA	NA
Power Requirement (Watts)	13,000	650					600					500					450	500	500

Expansion Shelves

	HDD Expansion Shelves					SSD Expansion Shelf
	ES1-H25	ES1-H45	ES1-H65	ES1-H85	ES1-H90T	ES1-AFS
Raw Disk Capacity (TB) ²	15	30	45	60	90	NA
Min. Usable Capacity (TB) ⁴	11	23	34	45	66	NA
Effective Capacity (TB) ^{2,5}	11-22	23-46	34-68	45-90	66-132	NA
Flash Capacity (GB) ¹⁰	160 / 480	300 / 960	600 / 960	1,600	1,920	up to 30.72TB
SAS Connectivity Per Controller	2x 6Gb SAS (2 modules/shelf)					2x 6Gb SAS (2 modules/shelf)
Power Requirement (Watts)	400					200

Physical and Environmental Specifications

Dimensions	5.2"H x 17.2"W x 26.5"D 13.2 cm x 43.7 cm x 67.3 cm 3 Rack Units
Weight	76 lbs. / 34.5 kg
Weight (All-Flash Shelf)	55 lbs. / 25 kg
Operating Temperature	50° - 95° F (10° - 35° C)
Non-Operating Temperature	32° - 104° F (0° - 40° C)
Operating Humidity	8 - 90%
Non-Operating Humidity	5 - 95%

Notes

1. Maximum performance configuration consists of 4x CS700 arrays, each with 1x ES1-AFS all-flash expansion shelf and 6x ES1-H85 capacity expansion shelves.
2. Raw and effective capacities are calculated using Base 10 (i.e., 1 TB = 1,000,000,000,000 bytes) after excluding space for parity, spares, and system overhead; the range represents 0 to 2x compression.
3. Maximum capacity is the capacity of the base array and maximum number of expansion shelves.
4. Minimum usable capacity denotes the base capacity available to users once parity, spares and system overhead are deducted from overall raw capacity. Compression increases overall effective capacity.
5. Compression rates vary across applications. 2x compression factor reflected in upper range of effective capacity (based on actual compression rates seen by customers.)
6. Each array controller has 2x 1GbE ports built in. Additional network interface options vary, per array family.
7. Max flash capacity shown accounts for SSD capacity included with each ES1 expansion shelf.
8. Maximum expanded capacity for a CS300 includes a maximum of three ES1-H90T expansion shelves and three ES1-H85 expansion shelves.
9. Max. capacity for CS215 includes two ES1-H90T expansion shelves and one ES1-H25 expansion shelf. Max. capacity for CS235 includes three ES1-H90T expansion shelves (requires NimbleOS 2.3).
10. Larger flash capacity listed for ES1-HxxB variants

Supported Protocols and Network Connectivity

	CS700	CS500	CS300	CS235	CS215	CS210
Supported Protocols	iSCSI Fibre Channel	iSCSI Fibre Channel	iSCSI Fibre Channel	iSCSI Fibre Channel	iSCSI	iSCSI
Number of Available Interface Cards (per array controller)	3	3	3	3	2	2
Dual-port 1GbE (on board) ⁶	1 (included)	1 (included)	1 (included)	1 (included)	1 (included)	1 (included)
Dual-port 1GbE (optional)	N/A	2 only	2 only	1 or 2	1 or 2	1 (included)
Dual-port 10GbaseT (optional)	1 or 2	1 or 2	1 or 2	1 only	1 only	N/A
Dual-port 10GbE SFP+ (optional)	1 or 2	1 or 2	1 or 2	1 only	1 only	N/A
Dual-port 16Gb FC (optional)	2 or 3	1 or 2	1 only	1 only	N/A	N/A
On-Board 6Gb SAS Connectivity Per Controller	2x 4-lane	2x 4-lane	2x 4-lane	2x 4-lane	1x 4-lane	1x 4-lane



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