



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 2

List View

General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 327916

SO Doc Code: CRFQ

Procurement Type: Central Purchase Order

SO Dept: 0702

Vendor ID: 000000223374



SO Doc ID: TAX1800000004

Legal Name: CINCINNATI BELL TECHNOLOGY SOLUTIONS INC

Published Date: 9/13/17

Alias/DBA:

Close Date: 9/20/17

Total Bid: \$216,384.00

Close Time: 13:30

Response Date: 09/20/2017



Status: Closed

Response Time: 11:42

Solicitation Description: Addendum 3 - Storage Area Networks (SANs) and Fiber



Total of Header Attachments: 2

Total of All Attachments: 2



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder : 327916

Solicitation Description : Addendum 3 - Storage Area Networks (SANs) and Fiber Switches

Proc Type : Central Purchase Order

Date issued	Solicitation Closes	Solicitation Response	Version
	2017-09-20 13:30:00	SR 0702 ESR09201700000001142	1

VENDOR

000000223374

CINCINNATI BELL TECHNOLOGY SOLUTIONS INC

Solicitation Number: CRFQ 0702 TAX1800000004

Total Bid : \$216,384.00

Response Date: 2017-09-20

Response Time: 11:42:50

Comments:

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers
(304) 558-2063
michelle.l.childers@wv.gov

Signature on File

FEIN #

DATE

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	SANs	2.00000	EA	\$10,090.000000	\$20,180.00

Comm Code	Manufacturer	Specification	Model #
43212200			

Extended Description : SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	FIBER SWITCHES	4.00000	EA	\$14,552.000000	\$58,208.00

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description : SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	3 YEAR WARRANTY FOR SANs	2.00000	EA	\$24,866.000000	\$49,732.00

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description : SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA	\$18,016.000000	\$72,064.00

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description : SEE 3.1.5 OF THE ATTACHED SPECIFICATIONS

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	INSTALLATION, IMPLENTATION, AND TRAINING	1.00000	EA	\$16,200.000000	\$16,200.00

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :	SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS
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Comments: Unit Cost= \$2,700.00



CBTS
221 E. 4th Street
Cincinnati, OH 45202
FAX: 513-841-5072

Quote Data

9/12/2017

Quote Expires

10/12/2017

CBTS Quote - NetApp FAS8200

Quote No

NTAP-14966518

State of West Virginia
Taxation Division

Account Manager

Jonathan Cornette

jonathan.cornette@cbts.net

Technical Sales Engineer

Bill Ehrman

bill.ehrman@cbts.net

Line	Part Number	Description	Cat	Qty	List Price	Ext. List	Unit Price	Ext. Price
1	SW-2-CL-BASE	SW-2,Base,CL,Node	Ha	1	\$ -	\$ -	\$ -	\$ -
2	FAS8200		Ha	1	\$ -	\$ -	\$ -	\$ -
3	FAS8200A-002	FAS8200 HA System,Premium Bundle	Ha	2	\$ 22,500.00	\$ 45,000.00	\$ 10,090.00	\$ 20,180.00
4	SW-2-8200A-NVE-C	SW,Data at Rest Encryption Enabled,8200A,-C	So	2	\$ -	\$ -	\$ -	\$ -
5	SW-2-8200A-TPM-C	SW,Trusted Platform Module Enabled,8200A,-C	So	2	\$ -	\$ -	\$ -	\$ -
6	X2069-R6-C	HBA,4-Port SAS 3/6/12Gbps Q5FP PCIe,-C	Ha	2	\$ 1,400.00	\$ 2,800.00	\$ 341.00	\$ 682.00
7	X6566B-05-R6-C	Cable,Direct Attach CU SFP+ 10G,0.5M,-C	Ha	2	\$ 60.00	\$ 120.00	\$ 40.00	\$ 80.00
8	X66250-2-C	Cable,LC-LC,OM4,2m,-C	Ha	8	\$ 125.00	\$ 1,000.00	\$ 44.00	\$ 352.00
9	X66032A-C	Cable,12Gb,Mini SAS HD,2m,-C	Ha	4	\$ 285.00	\$ 1,140.00	\$ 70.00	\$ 280.00
10	X66030A-C	Cable,12Gb,Mini SAS HD,0.5m,-C	Ha	2	\$ 185.00	\$ 370.00	\$ 45.00	\$ 90.00
11	X66031A-C	Cable,12Gb,Mini SAS HD,1m,-C	Ha	4	\$ 225.00	\$ 900.00	\$ 55.00	\$ 220.00
12	X6235-C	Chassis,FAS8200,AFF-A300,AC P5,-C	Ha	1	\$ -	\$ -	\$ -	\$ -
13	DS224C-10-1.8-24S-2P-C	DSK SHLF,12G,24x1.8TB,10K,2P,-C	Ha	2	\$ 19,570.00	\$ 39,140.00	\$ 8,776.00	\$ 17,552.00
14	DS224C-S-7.6-12S-2P-C	SSD SHLF,12G,12x7.6TB,2P,-C	Ha	1	\$ 126,420.00	\$ 126,420.00	\$ 56,689.00	\$ 56,689.00
15	DOC-8200-C	Documents,8200,-C	Ha	1	\$ -	\$ -	\$ -	\$ -
16	DATA-AT-REST-ENCRYPTION	Data at Rest Encryption Capable Operating Sys	So	2	\$ -	\$ -	\$ -	\$ -
17	ADV-DRIVE-PARTITIONING	Advanced Drive Partitioning	So	1	\$ -	\$ -	\$ -	\$ -
18	X87007A-C	Rear Tie Down Bracket,Short Chassis,Cab,-C	Ha	1	\$ -	\$ -	\$ -	\$ -
19	X8719A-EN-R6-C	PDU,3-phase,24-Outlet,30A,NEMA,4-Pin,EN,-C,R6	Ha	2	\$ 1,300.00	\$ 2,600.00	\$ 453.00	\$ 906.00
20	X800-42U-R6-C	Power Cable,In-Cabinet,C13-C14,-C	Ha	2	\$ -	\$ -	\$ -	\$ -
21	X800-42U-43-C	Power Cable,In-Cabinet,C13-C14,43-inch,-C	Ha	6	\$ -	\$ -	\$ -	\$ -
22	X87880A-C	Rail Kit 4,Cabinet,-C	Ha	4	\$ 166.00	\$ 664.00	\$ 41.00	\$ 164.00
23	OS-ONTAP1-CAP2-PREM-2P-C	ONTAP,Per-0.1TB,PREMBNDL,Perf,2P,-C	So	864	\$ 99.00	\$ 85,536.00	\$ 45.00	\$ 38,880.00
24	OS-ONTAP1-CAP5-PREM-2P-C	ONTAP,Per-0.1TB,PREMBNDL,UHC-U-Perf,2P,-C	So	912	\$ 320.00	\$ 291,840.00	\$ 146.00	\$ 133,152.00
25	X6596-R6-C	SFP+ FC Optical 16Gb,-C	Ha	4	\$ 1,035.00	\$ 4,140.00	\$ 252.00	\$ 1,008.00
26	X6599A-R6-C	SFP+ Optical 10Gb Shortwave,-C	Ha	4	\$ 795.00	\$ 3,180.00	\$ 194.00	\$ 776.00
27	X870F-C	Cab,1280mm,Empty,No PDU,No Rails,-C	Ha	1	\$ 6,780.00	\$ 6,780.00	\$ 1,649.00	\$ 1,649.00
28	CS-O2-4HR	SupportEdge Premium 4hr Onsite	Su	1	\$ 62,000.55	\$ 62,000.55	\$ 24,866.00	\$ 24,866.00
29	CS-NRD2-E	Non Returnable Disk Plus,e	Se	1	\$ 11,609.56	\$ 11,609.56	\$ 4,657.00	\$ 4,657.00
30	SW-2-CL-BASE	SW-2,Base,CL,Node	So	1	\$ -	\$ -	\$ -	\$ -
31	FAS8200		Ha	1	\$ -	\$ -	\$ -	\$ -
32	FAS8200A-002	FAS8200 HA System,Premium Bundle	Ha	2	\$ 22,500.00	\$ 45,000.00	\$ 10,090.00	\$ 20,180.00
33	SW-2-8200A-NVE-C	SW,Data at Rest Encryption Enabled,8200A,-C	So	2	\$ -	\$ -	\$ -	\$ -
34	SW-2-8200A-TPM-C	SW,Trusted Platform Module Enabled,8200A,-C	So	2	\$ -	\$ -	\$ -	\$ -
35	X2069-R6-C	HBA,4-Port SAS 3/6/12Gbps Q5FP PCIe,-C	Ha	2	\$ 1,400.00	\$ 2,800.00	\$ 341.00	\$ 682.00
36	X6566B-05-R6-C	Cable,Direct Attach CU SFP+ 10G,0.5M,-C	Ha	2	\$ 60.00	\$ 120.00	\$ 40.00	\$ 80.00
37	X66250-2-C	Cable,LC-LC,OM4,2m,-C	Ha	8	\$ 125.00	\$ 1,000.00	\$ 44.00	\$ 352.00
38	X66032A-C	Cable,12Gb,Mini SAS HD,2m,-C	Ha	4	\$ 285.00	\$ 1,140.00	\$ 70.00	\$ 280.00
39	X66030A-C	Cable,12Gb,Mini SAS HD,0.5m,-C	Ha	2	\$ 185.00	\$ 370.00	\$ 45.00	\$ 90.00
40	X66031A-C	Cable,12Gb,Mini SAS HD,1m,-C	Ha	4	\$ 225.00	\$ 900.00	\$ 55.00	\$ 220.00
41	X6235-C	Chassis,FAS8200,AFF-A300,AC P5,-C	Ha	1	\$ -	\$ -	\$ -	\$ -
42	DS224C-10-1.8-24S-2P-C	DSK SHLF,12G,24x1.8TB,10K,2P,-C	Ha	2	\$ 19,570.00	\$ 39,140.00	\$ 8,776.00	\$ 17,552.00
43	DS224C-S-7.6-12S-2P-C	SSD SHLF,12G,12x7.6TB,2P,-C	Ha	1	\$ 126,420.00	\$ 126,420.00	\$ 56,687.00	\$ 56,687.00
44	DOC-8200-C	Documents,8200,-C	Ha	1	\$ -	\$ -	\$ -	\$ -
45	DATA-AT-REST-ENCRYPTION	Data at Rest Encryption Capable Operating Sys	So	2	\$ -	\$ -	\$ -	\$ -
46	ADV-DRIVE-PARTITIONING	Advanced Drive Partitioning	So	1	\$ -	\$ -	\$ -	\$ -
47	X87007A-C	Rear Tie Down Bracket,Short Chassis,Cab,-C	Ha	1	\$ -	\$ -	\$ -	\$ -
48	X8719A-EN-R6-C	PDU,3-phase,24-Outlet,30A,NEMA,4-Pin,EN,-C,R6	Ha	2	\$ 1,300.00	\$ 2,600.00	\$ 453.00	\$ 906.00
49	X800-42U-R6-C	Power Cable,In-Cabinet,C13-C14,-C	Ha	2	\$ -	\$ -	\$ -	\$ -
50	X800-42U-43-C	Power Cable,In-Cabinet,C13-C14,43-inch,-C	Ha	6	\$ -	\$ -	\$ -	\$ -
51	X87880A-C	Rail Kit 4,Cabinet,-C	Ha	4	\$ 166.00	\$ 664.00	\$ 41.00	\$ 164.00
52	OS-ONTAP1-CAP2-PREM-2P-C	ONTAP,Per-0.1TB,PREMBNDL,Perf,2P,-C	So	864	\$ 99.00	\$ 85,536.00	\$ 45.00	\$ 38,880.00
53	OS-ONTAP1-CAP5-PREM-2P-C	ONTAP,Per-0.1TB,PREMBNDL,UHC-U-Perf,2P,-C	So	912	\$ 320.00	\$ 291,840.00	\$ 146.00	\$ 133,152.00
54	X6596-R6-C	SFP+ FC Optical 16Gb,-C	Ha	4	\$ 1,035.00	\$ 4,140.00	\$ 252.00	\$ 1,008.00
55	X6599A-R6-C	SFP+ Optical 10Gb Shortwave,-C	Ha	4	\$ 795.00	\$ 3,180.00	\$ 194.00	\$ 776.00
56	X870F-C	Cab,1280mm,Empty,No PDU,No Rails,-C	Ha	1	\$ 6,780.00	\$ 6,780.00	\$ 1,649.00	\$ 1,649.00
57	CS-O2-4HR	SupportEdge Premium 4hr Onsite	Su	1	\$ 62,000.55	\$ 62,000.55	\$ 24,866.00	\$ 24,866.00
58	CS-NRD2-E	Non Returnable Disk Plus,e	Se	1	\$ 11,609.56	\$ 11,609.56	\$ 4,657.00	\$ 4,657.00
59	X-000072-R6	Kit,Brocade 300/6510/67XX Rackmount Rail	Ha	1	\$ 348.00	\$ 348.00	\$ 228.00	\$ 228.00
60	X800-42U-64	Power Cable,In-Cabinet,C13-C14,64-Inch	Ha	2	\$ 64.00	\$ 128.00	\$ 16.00	\$ 32.00
61	X8781-R6	Hardware Kit,Add-On Peripheral,Cabinet,R6	Ha	1	\$ 30.00	\$ 30.00	\$ 11.00	\$ 11.00
62	X8784-R6	Panel,42U Cabinet Switch Pass Through	Ha	1	\$ 75.00	\$ 75.00	\$ 50.00	\$ 50.00
63	BSWITCH-6510-R6		Ha	1	\$ -	\$ -	\$ -	\$ -
64	X-6510-24-16G-R6	Switch,Brocade 6510 24-Port FF w/16G SWL SFPs	Ha	1	\$ 22,260.00	\$ 22,260.00	\$ 14,552.00	\$ 14,552.00
65	CS-O2-NBD	SupportEdge Premium NBD Onsite	Su	1	\$ 4,526.32	\$ 4,526.32	\$ 1,816.00	\$ 1,816.00
66	BSWITCH-6510-R6		Ha	1	\$ -	\$ -	\$ -	\$ -
67	X-6510-24-16G-R6	Switch,Brocade 6510 24-Port FF w/16G SWL SFPs	Ha	1	\$ 22,260.00	\$ 22,260.00	\$ 14,552.00	\$ 14,552.00
68	X-000072-R6	Kit,Brocade 300/6510/67XX Rackmount Rail	Ha	1	\$ 348.00	\$ 348.00	\$ 228.00	\$ 228.00
69	X800-42U-64	Power Cable,In-Cabinet,C13-C14,64-Inch	Ha	2	\$ 64.00	\$ 128.00	\$ 16.00	\$ 32.00

70	X8781-R6	Hardware Kit,Add-On Peripheral,Cabinet,R6	Ha	1	\$	30.00	\$	30.00	\$	11.00	\$	11.00
71	X8784-R6	Panel,42U Cabinet Switch Pass Through	Ha	1	\$	75.00	\$	75.00	\$	50.00	\$	50.00
72	CS-O2-NBD	SupportEdge Premium NBD Onsite	Su	1	\$	4,526.32	\$	4,526.32	\$	1,816.00	\$	1,816.00
73	BSWITCH-6510-R6			1			\$	-	\$	-	\$	-
74	X-6510-24-16G-R6	Switch,Brocade 6510 24-Pt FF w/16G SWL SFPs	Ha	1	\$	22,260.00	\$	22,260.00	\$	14,552.00	\$	14,552.00
75	X-000072-R6	Kit,Brocade 300/6510/67XX Rackmount Rail	Ha	1	\$	348.00	\$	348.00	\$	228.00	\$	228.00
76	X800-42U-64	Power Cable,In-Cabinet,C13-C14,64-Inch	Ha	2	\$	64.00	\$	128.00	\$	16.00	\$	32.00
77	X8781-R6	Hardware Kit,Add-On Peripheral,Cabinet,R6	Ha	1	\$	30.00	\$	30.00	\$	11.00	\$	11.00
78	X8784-R6	Panel,42U Cabinet Switch Pass Through	Ha	1	\$	75.00	\$	75.00	\$	50.00	\$	50.00
79	CS-O2-NBD	SupportEdge Premium NBD Onsite	Su	1	\$	4,526.32	\$	4,526.32	\$	1,816.00	\$	1,816.00
80	BSWITCH-6510-R6			1			\$	-	\$	-	\$	-
81	X-6510-24-16G-R6	Switch,Brocade 6510 24-Pt FF w/16G SWL SFPs	Ha	1	\$	22,260.00	\$	22,260.00	\$	14,552.00	\$	14,552.00
82	X-000072-R6	Kit,Brocade 300/6510/67XX Rackmount Rail	Ha	1	\$	348.00	\$	348.00	\$	228.00	\$	228.00
83	X800-42U-64	Power Cable,In-Cabinet,C13-C14,64-Inch	Ha	2	\$	64.00	\$	128.00	\$	16.00	\$	32.00
84	X8781-R6	Hardware Kit,Add-On Peripheral,Cabinet,R6	Ha	1	\$	30.00	\$	30.00	\$	11.00	\$	11.00
85	X8784-R6	Panel,42U Cabinet Switch Pass Through	Ha	1	\$	75.00	\$	75.00	\$	50.00	\$	50.00
86	CS-O2-NBD	SupportEdge Premium NBD Onsite	Su	1	\$	4,526.32	\$	4,526.32	\$	1,816.00	\$	1,816.00
87	PS-TM-CONSULT-DAY-TE-ZA	Consulting Day > S + TE, ZA Exp. 1yr. from PO	Se	6	\$	3,375.00	\$	20,250.00	\$	2,700.00	\$	16,200.00
88	PS-TM-CONSULT-DAY-ZA	Consulting Day > S, ZA Exp. 1yr. from PO	Se	6	\$	2,700.00	\$	16,200.00	\$	2,160.00	\$	12,960.00
89	PS-TM-CONSULT-NB-DAY-ZA	Consulting Day >5 NonBus,ZA Exp. 1yr. from PO	Se	1	\$	4,050.00	\$	4,050.00	\$	3,240.00	\$	3,240.00
90							\$	-	\$	-	\$	-
91	CBTS-PS	CBTS Consulting Services	Se	78	\$	185.00	\$	14,430.00	\$	185.00	\$	14,430.00

List Price Total	\$1,534,880.00
Discount	53%
Quote Total	\$ 717,950.00

Statement of Confidentiality

The information and pricing in this proposal shall not be disclosed outside of the opportunity this quote is being offered and shall not be duplicated, used or disclosed in whole or in part for any purpose other than to evaluate this proposal. If a contract is awarded to CBTS as a result of or in connection with the submission of this proposal, the client shall have the right to duplicate, based upon the license rights held by CBTS. This restriction does not limit the right of the client to use information contained in the data if it is obtained from another source without restriction.



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 — Info Technology

Proc Folder: 327916

Doc Description: Storage Area Networks (SANs) and Fiber Switches

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-08-15	2017-09-06 13:30:00	CRFQ 0702 TAX1800000004	1

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:

CBTS

221 E. Fourth St.

M/S 103-1220

Cincinnati, OH, 45202

513-841-8503

INFORMATION CONTACT THE BUYER

He L Childers

18-2063

childers@wv.gov

FEIN # 742724593

DATE 9/7/17

All terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:**Request for Quotation**

The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware, software, licensing, and support for a Storage Area Network (SAN) solution.

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43212200			

Extended Description :

SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description :

SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3 YEAR WARRANTY FOR SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.5 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	INSTALLATION, IMPLENTATION, AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :

SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS

TAX1800000004	Document Phase Final	Document Description Storage Area Networks (SANs) and Fiber Switches	Page 5 of 5
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 - Info Technology

Proc Folder: 327916

Doc Description: Storage Area Networks (SANs) and Fiber Switches

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-08-15	2017-09-06 13:30:00	CRFQ 0702 TAX1800000004	1

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:

CBTS
221 E. Fourth St.
M/S 103-1220
Cincinnati, Ohio, 45202
513-841-8503

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers
(304) 558-2063
michelle.l.childers@wv.gov

Signature X

FEIN # 742724593

DATE 9-7-17

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

ADDITIONAL INFORMATION:**Request for Quotation**

The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware, software, licensing, and support for a Storage Area Network (SAN) solution.

INVOICE TO	SHIP TO
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748 CHARLESTON WV25339-1748 US	INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M CHARLESTON WV 25301 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43212200			

Extended Description :

SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

INVOICE TO	SHIP TO
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748 CHARLESTON WV25339-1748 US	INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M CHARLESTON WV 25301 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description :

SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3 YEAR WARRANTY FOR SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.5 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	INSTALLATION, IMPLENTATION, AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :
SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

☒ A pre-bid meeting will not be held prior to bid opening

☐ A NON-MANDATORY PRE-BID meeting will be held at the following place and time:

☐ A MANDATORY PRE-BID meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one person attending the pre-bid meeting may represent more than one Vendor.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. The State will not accept any other form of proof or documentation to verify attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in, but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: August 28, 2017 at 10:00 AM EST

Submit Questions to: Michelle Childers, Senior Buyer
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)
Email: Michelle.L.Childers@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID:
BUYER: Michelle Childers
SOLICITATION NO.:
BID OPENING DATE:
BID OPENING TIME:
FAX NUMBER:

The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to an Expression of Interest or Request for Proposal is not permitted in wvOASIS.

For Request For Proposal ("RFP") Responses Only: In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus N/A convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: (This only applies to CRFP)

- ☐ Technical
☐ Cost

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: September 6, 2017 at 1:30 PM EST

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, 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.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATES: Any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Vendor Preference Certificate form has been attached hereto to allow Vendor to apply for the preference. Vendor's failure to submit the Vendor Preference Certificate form with its bid will result in denial of Vendor Preference. Vendor Preference does not apply to construction projects.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform, or lacks the integrity and reliability to assure good-faith performance."

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b."

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

22. INTERESTED PARTY DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$100,000, the vendor must submit to the Purchasing Division a disclosure of interested parties to the contract, prior to contract award. That disclosure must occur on the form prescribed and approved by the WV Ethics Commission. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. "Interested parties" means: (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors; (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract; and (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency: Provided, That subdivision (2) shall be inapplicable if a business entity is a publicly traded company: Provided, however, That subdivision (3) shall not include persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

☐ **Term Contract**

Initial Contract Term: This Contract becomes effective on _____ and extends for a period of _____ year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to _____ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed _____ months in total. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions.

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

☐ **Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

☐ **Fixed Period Contract with Renewals:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days.

Upon completion, the vendor agrees that maintenance, monitoring, or warranty services will be provided for one year thereafter with an additional _____ successive one year renewal periods or multiple renewal periods of less than one year provided that the multiple renewal periods do not exceed _____ months in total. Automatic renewal of this Contract is prohibited.

☒ **One Time Purchase:** The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

☐ **Other:** See attached.

4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

☐ **Open End Contract:** Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

☐ **Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.

☒ **Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

☐ **One Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

☐ **BID BOND (Construction Only):** Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

☐ **PERFORMANCE BOND:** The apparent successful Vendor shall provide a performance bond in the amount of _____. The performance bond must be received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.

☐ **LABOR/MATERIAL PAYMENT BOND:** The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

☐ **MAINTENANCE BOND:** The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

☐ **LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.

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The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. Subsequent to contract award, and prior to the insurance expiration date, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies mandated herein, including but not limited to, policy cancelation, policy reduction, or change in insurers. The insurance coverages identified below must be maintained throughout the life of this contract. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed in this section.

Vendor must maintain:

☐ **Commercial General Liability Insurance** in at least an amount of:

☐ **Automobile Liability Insurance** in at least an amount of: _____

☐ **Professional/Malpractice/Errors and Omission Insurance** in at least an amount of:

☐ **Commercial Crime and Third Party Fidelity Insurance** in an amount of:

☐ **Cyber Liability Insurance** in an amount of: _____

☐ **Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

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9. WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. LITIGATION BOND: The Director reserves the right to require any Vendor that files a protest of an award to submit a litigation bond in the amount equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be forfeited if the hearing officer determines that the protest was filed for frivolous or improper purpose, including but not limited to, the purpose of harassing, causing unnecessary delay, or needless expense for the Agency. All litigation bonds shall be made payable to the Purchasing Division. In lieu of a bond, the protester may submit a cashier's check or certified check payable to the Purchasing Division. Cashier's or certified checks will be deposited with and held by the State Treasurer's office. If it is determined that the protest has not been filed for frivolous or improper purpose, the bond or deposit shall be returned in its entirety.

11. LIQUIDATED DAMAGES: Vendor shall pay liquidated damages in the amount of

for _____.

This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification.

14. PAYMENT: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.

15. PURCHASING CARD ACCEPTANCE: The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

☐ Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-6.1.e.

20. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. BANKRUPTCY: In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.

31. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

32. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

33. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

34. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

35. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

36. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

37. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

38. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5-22-1(i), the contracting public entity shall not award a contract for a construction project to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees. Accordingly, prior to contract award, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

39. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE: This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"). Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.

40. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

41. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

☐ Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

☐ Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.requisitions@wv.gov.

42. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

43. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
- c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
- d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

44. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

45. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$100,000, the vendor must submit to the Agency a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. "Interested parties" means: (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors; (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract; and (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency: Provided, That subdivision (2) shall be inapplicable if a business entity is a publicly traded company: Provided, however, That subdivision (3) shall not include persons or business entities performing legal services related to the negotiation or drafting of the applicable contract. The Agency shall submit a copy of the disclosure to the Ethics Commission within 15 days after receiving the supplemental disclosure of interested parties.

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware, software, licensing, and support for a Storage Area Network (SAN) solution.

Tax currently has a EMC VNX5300 in use at the OT Data Center in Charleston, WV. A new SAN will be placed inside the OT Data Center and a separate SAN will need to be installed in Flatwoods, WV. Asynchronous replication will be used between the two SANs. Vendor must provide engineering and implementation support to guarantee operational functionality.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.

2.1 **"Contract Item"** means Storage Area Networks (SANs) and Fiber Switches as more fully described by these specifications.

2.2 **"Pricing Page"** means the pages, contained in wvOASIS or attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.

2.3 **"Solicitation"** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.4 **"FIPS 140-2"** is a U.S. government computer security standard used to approve cryptographic modules.

2.5 **"GB"** means Gigabyte which is a multiple of the unit byte for digital information.

2.6 **"Gb"** means Gigabit which is the multiple of the unit bit for digital information.

2.7 **"LDAP"** (Lightweight Directory Access Protocol) is a software protocol for enabling anyone to locate organizations, individuals, and other resources such as files and devices in a network, whether on the public Internet or on a corporate network.

2.8 **"LUN"** (Logical Unit Number) is a unique identifier for designating an individual or collection of physical or virtual storage devices that execute input/output commands with a host computer.

2.9 **"RAID"** (Redundant Array of Independent Disks) is a data storage virtualization technology that combines multiple physical disk drive components into

**REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches**

a single logical unit for the purposes of data redundancy, performance improvement, or both.

2.10 "SAS" means Serial Attached SCSI. SCSI means Small Computer System Interface.

2.11 "SSD" means solid state drive.

2.12 "Syslog" is a way for network devices to send event messages to a logging server – usually known as a syslog server. The syslog protocol is supported by a wide range of devices and can be used to log different types of events.

2.13 "WAN" means wide area network which is a telecommunications network for computer network that extends over a large geographical distance.

3. GENERAL REQUIREMENTS:

3.1 Mandatory Contract Item Requirements: Contract Item must meet or exceed the mandatory requirements listed below.

3.1.1 Storage Area Network/Storage Array

3.1.1.1 Each SAN must be installed in a 42U deep rack enclosure provided by the Vendor. Each rack must be lockable in the front and the back.

3.1.1.2 Each SAN must have Block-Level Storage.

3.1.1.3 Each SAN must be compatible and interoperable with agency owned Microsoft Windows Server 2008 R2 and later and VMware ESX Server 6.0 and later.

3.1.1.4 Each SAN must have FIPS 140-2 validated encryption algorithms for data encryption at rest.

3.1.1.5 Each SAN must be able to audit security relevant events such as:

- all unsuccessful login and authorization attempts
- all identification and authentication attempts
- all actions, connections, and requests performed by privileged users and privileged functions

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

- all changes to logical access control authorities
- all system changes with the potential to compromise the integrity security policy configurations
- the creation, modification, and deletion of objects including files, directories, and user accounts
- the creation, modifications, and deletion of user accounts and group accounts
- the creation, modification, and deletion of user account and group account privileges
- system startup and shutdown functions

3.1.1.6 Each SAN must have a Defective Media Retention option which allows the Agency to retain defective hard disks and SSD/Flash components containing sensitive data.

3.1.1.7 Each SAN must have a minimum of two storage processors. Each storage processor must have two separate 16Gbps Fibre Channel ports.

3.1.1.8 Each SAN must support thin provisioning.

3.1.1.9 Each SAN must be able to disable or enable encryption at rest on a per LUN basis.

3.1.1.10 Each SAN must support asynchronous replication across WAN links.

3.1.1.11 Each SAN must be able to replace individual drives & power supplies while the system is in production without impacting operation

3.1.1.12 Each SAN must have a minimum of 50TB of hard disk drive storage installed. The hard disk drives must have 12 Gb SAS interfaces.

3.1.1.13 Each SAN must have at minimum of 50TB of flash storage installed.

3.1.1.14 Each SAN must be able to support up to 150 drives.

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

- 3.1.1.15** Each SAN management system must support multi-level account management with individual account authentication.
- 3.1.1.16** Each SAN management system must support account locking after three unsuccessful login attempts.
- 3.1.1.17** Each SAN management system must support a user-defined banner before logon.
- 3.1.1.18** Each SAN management system must support an automatic session expiration timeout of no more than 30 minutes.
- 3.1.1.19** Each SAN must produce audit logs that have timestamps, user ID if available, action requested, success or failure of the action; and source address of the request if available.
- 3.1.1.20** Each SAN must be able to produce Audit logs that are capable of being exported or directed to external systems for long-term retention and review.

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

3.1.2 Fibre Switches

3.1.2.1 Each SAN must be connected to two Fibre Channel switches for redundancy.

3.1.2.2 Each fibre switch must have 24 ports that support both 16Gb/s and 8Gb/s devices. The ports must be auto-sensing.

3.1.2.3 Each fibre switch must have a redundant hot-swappable power supply.

3.1.2.4 Each fibre switch must be rack mountable.

3.1.2.5 Each fibre switch must support hard zoning of the fibre switching fabric including the ability to set default zone visibility.

3.1.2.6 Each fibre switch must support persistent disabling of ports which are not in use.

3.1.2.7 Each fibre switch must support a Device Connection Control (DCC) policy which can limit fabric connections to specific hosts and storage devices.

3.1.3 SAN and Fibre Switch Common Requirements

3.1.3.1 All components must support FCAP (Fibre Channel Authentication Protocol) and DH-CHAP (Diffie-Hellman Challenge Handshake Authentication Protocol) protocols.

3.1.3.2 All component management console or interface logins must support masked (not clear-text) password entry.

3.1.3.3 All component management consoles or interfaces must support FIPS 140-2 validated encryption with Secure Shell (SSH) or Transport Layer Security (TLS).

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

3.1.3.4 All components must support integration with an LDAP/Active Directory server for authentication of administrative accounts.

3.1.3.5 All components must support logging to a Syslog server.

3.1.3.6 All components must support Network Time Protocol (NTP) synchronization to an agency provided NTP server.

3.1.3.7 Vendor must be an authorized reseller of the equipment they are bidding.

3.1.4 Hardware Maintenance and Warranty for SANs

3.1.4.1 Vendor must provide a three (3) year maintenance service and support warranty for two SANs, 24x7x4 support with the following features.

3.1.4.1.1 24-hours a day, 7 days a week access for telephone support for troubleshooting technical and configuration issues, plus onsite support when deemed necessary by the Agency.

3.1.4.1.2 Replacement parts must be delivered onsite within 4 hours of service call being made. Vendor must install replacement parts unless Agency agrees to perform installation.

3.1.4.1.3 Rights to new software releases

3.1.4.1.4 Access to security patches and firmware updates

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

3.1.5 Hardware Maintenance and Warranty for Fibre Switches

3.1.5.1 Vendor must provide a three (3) year maintenance and support warranty for the fiber switches with the following features:

3.1.5.1.1 Next-business-day response for parts replacement

3.1.5.1.2 24x7 access to a technical assistance center available through the phone and the Web

3.1.5.1.3 Rights to new software releases

3.1.5.1.4 Access to security patches and updates

3.1.6 Installation, Implementation, and Training

3.1.6.1 Vendor must install and configure the SANs, fiber switches, and racks in both locations. Vendor must connect all cabling necessary for the equipment to operate as intended. The installation of the SAN and fiber switches at the OT Data Center must be done on a Saturday during the Agency's off hours.

3.1.6.2 Vendor must provide documentation to the Agency regarding wiring diagrams, RAID sets, RAID groups, and SAN configurations.

3.1.6.3 Vendor must provide 1 day of training for management of the SANs after both SANs are in place.

3.1.6.4 Vendor must rewire the existing EMC VNX5300 SAN and 11 existing HP ProLiant DL380P GEN8 servers to the new fiber switches.

4. CONTRACT AWARD:

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

- 4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.
- 4.2** Vendor should provide with their bid a copy of any and all Software Terms and Conditions or licenses that the State of West Virginia or the Agency will have to agree to or accept as a part of this solicitation. **This information will be required before Purchase Order is issued.**
- 4.3** Vendor should include a copy of any Maintenance Terms and Conditions or Licenses that the State of West Virginia or the Agency will be required to agree to and accept as a part of this solicitation. **This information will be required before Purchase Order is issued.**
- 4.4 Pricing Page:** Vendor should complete the Pricing Page (Exhibit A) by providing a Total Bid Amount. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

Vendors who wish to respond to a Centralized Request for Quotation (CRFQ) online may submit information through the State's wvOASIS Vendor Self Service (VSS). Vendors should download the Exhibit A Pricing Page that is attached separately to the CRFQ and published to the VSS.

Vendor should type or electronically enter the information into the Pricing Page to prevent errors in the evaluation.

If unable to respond online, Vendor must submit their Pricing Page with their submitted bid prior to the schedule bid opening date.

5. PAYMENT:

- 5.1 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

6. DELIVERY AND RETURN:

6.1 Shipment and Delivery: Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order or notice to proceed. Vendor shall deliver the Contract Items within 45 calendar days after receiving a purchase order or notice to proceed. Contract Items must be delivered to Agency at Braxton Technology Center, 89 Richard D. Minnich Drive, 1st floor, Sutton, WV 26601 and WVOT Data Center 1900 Kanawha Boulevard, Bldg 6, Room B-110, Charleston, WV 25305.

6.2 Late Delivery: The Agency placing the order under this Contract must be notified in writing if the shipment of the Contract Items will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the Contract, and/or obtaining the Contract Items from a third party.

Any Agency seeking to obtain the Contract Items from a third party under this provision must first obtain approval of the Purchasing Division.

6.3 Delivery Payment/Risk of Loss: Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location.

6.4 Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

6.5 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7 VENDOR DEFAULT:

REQUEST FOR QUOTATION
Storage Area Networks (SANs) and Fiber Switches

7.1 The following shall be considered a vendor default under this Contract.

7.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.

7.1.2 Failure to comply with other specifications and requirements contained herein.

7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

7.1.4 Failure to remedy deficient performance upon request.

7.2 The following remedies shall be available to Agency upon default.

7.2.1 Immediate cancellation of the Contract.

7.2.2 Immediate cancellation of one or more release orders issued under this Contract.

7.2.3 Any other remedies available in law or equity.

Exhibit A - Pricing Page
Storage Area Networks (SANs) and Fiber Switches

Item #	Part Number	Item Description	Brand of Equipment Bld	Unit of Measure	Quantity	Unit Cost	Extended Price
3.1.1	FAS8200A-NVE-C	SANs	NetApp	Each	2	\$10,090.00	\$ 20,180.00
3.1.2	X-6510-24-16G-R6	Fiber Switches	Brocade	Each	4	\$ 14,552.00	\$ 14,552.00
3.1.4	CS-02-4HR	Warranty for SANs (3 years)	NetApp	Each	2	\$24,866.00	\$ 24,866.00
3.1.5	CS-02-NBD	Warranty for Fiber Switches (3 Years)	Brocade	Each	4	\$ 18,016.00	\$ 18,016.00
3.1.6	PS-TM-CONSULT DAY-TE-ZA	Installation, Implentation, and Training	NetApp	Each	1	\$ 2,700.00	\$ 16,200.00
						Total Bid Amount	\$ 717,950.00

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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 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.

CBTS
Company


Authorized Signature

1-7-17
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to W. Va. Code § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$100,000 or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation.

"Interested party" or "Interested parties" means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of W. Va. Code § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

West Virginia Ethics Commission

Disclosure of Interested Parties to Contracts

Contracting business entity: CBTS

Address: 221 E. Fourth St. M/S 103-1220 Cincinnati, OH, 45202

Contracting business entity's authorized agent: None

Address: _____

Number or title of contract: CRFQ 0702 TAX 1800000004

Type or description of contract: One-Time Purchase for Hardware

Governmental agency awarding contract: Tax Division

Names of each Interested Party to the contract known or reasonably anticipated by the contracting business entity (attach additional pages if necessary):

CBTS is a publicly traded corporation. There are no stock owners with 25% or more shares.

Signature: [Signature] Date Signed: 9-7-17

☐ Check here if this is a Supplemental Disclosure.

Verification

State of Ohio, County of Hamilton:

I, Robert Rouse, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledges that the Disclosure herein is being made under oath and under the penalty of perjury.



and subscribed before me this 7th day of Sept., 2017
Denise Elmlinger
Notary Public, State of Ohio
My Commission Expires 08-29-2022
[Signature]
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____

State of West Virginia VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. ☐ Application is made for 2.5% vendor preference for the reason checked:
☐ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
☐ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification;
☐ Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; or,
☐ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. ☐ Application is made for 2.5% vendor preference for the reason checked:
☐ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. ☐ Application is made for 2.5% vendor preference for the reason checked:
☐ Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; or,
4. ☐ Application is made for 5% vendor preference for the reason checked:
☐ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. ☐ Application is made for 3.5% vendor preference who is a veteran for the reason checked:
☐ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. ☐ Application is made for 3.5% vendor preference who is a veteran for the reason checked:
☐ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. ☐ Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §5A-3-59 and *West Virginia Code of State Rules*.
☐ Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.


By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: CBTS Signed: 
Date: 9-7-17 Title: DIRECTOR


*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.


_____, Account Manager
(Name, Title)
Jonathan Cornette, Account Manager
(Printed Name and Title)
221 E. Fourth St. M/S 103-1220 Cincinnati, OH, 45202
(Address)
513-535-9795/ 866-549-0474
(Phone Number) / (Fax Number)
Jonathan.Cornette@cbts.net
(email address)

CERTIFICATION AND SIGNATURE: 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.

CBTS

(Company)


(Authorized Signature) (Representative Name, Title)

ROBERT J. RAUSCH, DIRECTOR OF SALES

(Printed Name and Title of Authorized Representative)

9-7-17

(Date)

(Phone Number) (Fax Number)

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: CBTS

Authorized Signature: [Signature] Date: 9-7-17

State of OHIO

County of Hamilton, to-wit:

Taken, subscribed, and sworn to before me this 7th day of September, 2017.

My Commission expires February 15th, 2021.



JAMIE PITSTICK
Notary Public, State of Ohio
My Commission Expires 02-11-2021

NOTARY PUBLIC

[Signature]
Purchasing Affidavit (Revised 08/01/2015)



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 - Info Technology

Proc Folder: 327916

Doc Description: Addendum 1 - Storage Area Networks (SANs) and Fiber Switches

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-09-01	2017-09-13 13:30:00	CRFQ 0702 TAX1800000004	2

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:

CBTS

221 E. Fourth St.

M/S 103-1220

Cincinnati, OH, 45202

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers

(304) 558-2063

michelle.l.childers@wv.gov

Signature X

FEIN # 742724593

DATE 9-7-17

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

ADDITIONAL INFORMATION:**Addendum**

Addendum 1 issued to publish and distribute the attached information to the vendor community.

Request for Quotation

The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware, software, licensing, and support for a Storage Area Network (SAN) solution.

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SANs	2 00000	EA		

Comm Code	Manufacturer	Specification	Model #
43212200			

Extended Description :

SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description :

SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3 YEAR WARRANTY FOR SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1 5 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	INSTALLATION, IMPLMENTATION, AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :

SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS

SOLICITATION NUMBER: CRFQ TAX1800000004

Addendum Number: 01

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:

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to September 13, 2017 at 1:30PM, EST.

No other changes.

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.: _____

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 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.

CBTS

Company



Authorized Signature

9-7-17

Date

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



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 — Info Technology

Proc Folder: 327916

Doc Description: Addendum 1 - Storage Area Networks (SANs) and Fiber Switches

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-09-05	2017-09-13 13:30:00	CRFQ 0702 TAX1800000004	2

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:

CBTS
221 E. Fourth St.
M/S 103-1220
Cincinnati, OH, 45202

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers
(304) 558-2063
michelle.l.childers@wv.gov

Signature X

FEIN # 742724593

DATE 9-7-17

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

ADDITIONAL INFORMATION:**Addendum**

Addendum 1 issued to publish and distribute the attached information to the vendor community.

Request for Quotation

The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware, software, licensing, and support for a Storage Area Network (SAN) solution.

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43212200			

Extended Description :

SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description :

SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3 YEAR WARRANTY FOR SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.5 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	INSTALLATION, IMPLMENTATION, AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :

SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS

TAX1800000004	Document Phase Final	Document Description Addendum 1 - Storage Area Networks (SANs) and Fiber Switches	Page 5 of 5
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 — Info Technology

Proc Folder: 327916

Doc Description: Addendum 2 - Storage Area Networks (SANs) and Fiber Switches

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-09-12	2017-09-20 13:30:00	CRFQ 0702 TAX1800000004	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:

CBTS
221 E. Fourth St.
M/S 103-1220
Cincinnati, OH, 45202
513-841-8503

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers
(304) 558-2063
michelle.l.childers@wv.gov

Signature X

FEIN # 742724593

DATE

9/14/17

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

ADDITIONAL INFORMATION:**Addendum**

Addendum 2 issued to modify the bid closing date to September 20, 2017.

End of Addendum 2**Request for Quotation**

The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware, software, licensing, and support for a Storage Area Network (SAN) solution.

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43212200			

Extended Description :

SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description :

SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3 YEAR WARRANTY FOR SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.5 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	INSTALLATION, IMPLENTATION, AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :

SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS

TAX1800000004	Document Phase Final	Document Description Addendum 2 - Storage Area Networks (SANs) and Fiber Switches	Page 5 of 5
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 - Info Technology

Proc Folder: 327916

Doc Description: Addendum 2 - Storage Area Networks (SANs) and Fiber Switches

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-09-12	2017-09-20 13:30:00	CRFQ 0702 TAX1800000004	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:

CBTS

221 E. Fourth St.

M/S 103-1220

Cincinnati, OH, 45202

513-841-8503

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers

(304) 558-2063

michelle.l.childers@wv.gov

Signature X

FEIN #

742724593

DATE

9/14/17

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

ADDITIONAL INFORMATION:**Addendum**

Addendum 2 issued to modify the bid closing date to September 20, 2017.

End of Addendum 2**Request for Quotation**

The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware, software, licensing, and support for a Storage Area Network (SAN) solution.

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43212200			

Extended Description :

SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description :

SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3 YEAR WARRANTY FOR SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :

SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :

SEE 3.1.5 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	INSTALLATION, IMPLMENTATION, AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :

SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS

SOLICITATION NUMBER: CRFQ TAX1800000004

Addendum Number: 02

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:

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to September 20, 2017 at 1:30PM, EST.

No other changes.

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.: _____

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.

CBTS
Company

Dan Meyer
Authorized Signature

9/14/17
Date

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



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 — Info Technology

Proc Folder: 327916

Doc Description: Addendum 3 - Storage Area Networks (SANs) and Fiber Switches

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-09-13	2017-09-20 13:30:00	CRFQ 0702 TAX1800000004	4

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:

CBTS
221 E. Fourth St.
M/S 103-1220
Cincinnati, OH, 45202
513-841-8503

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers
(304) 558-2063
michelle.l.childers@wv.gov

Signature X

FEIN #

742724593

DATE

9/18/17

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

ADDITIONAL INFORMATION:**Addendum**

Addendum 3 Issued to address the following:

1. Answer vendor questions.
2. Modify the specifications.

End of Addendum 3**Request for Quotation**

The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware, software, licensing, and support for a Storage Area Network (SAN) solution.

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43212200			

Extended Description :

SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description :

SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3 YEAR WARRANTY FOR SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.5 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	INSTALLATION, IMPLMENTATION, AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :

SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS

TAX1800000004	Document Phase Final	Document Description Addendum 3 - Storage Area Networks (SANs) and Fiber Switches	Page 5 of 5
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 - Info Technology

Proc Folder: 327916

Doc Description: Addendum 3 - Storage Area Networks (SANs) and Fiber Switches

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2017-09-13	2017-09-20 13:30:00	CRFQ 0702 TAX18000000004	4

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:

CBTS

221 E. Fourth St.

M/S 103-1220

Cincinnati, Ohio, 45202

513-841-8503

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers

(304) 558-2063

michelle.l.childers@wv.gov

Signature X

FEIN # 742724593

DATE

9/18/17

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

ADDITIONAL INFORMATION:**Addendum**

Addendum 3 Issued to address the following:

1. Answer vendor questions.
2. Modify the specifications.

End of Addendum 3**Request for Quotation**

The West Virginia Purchasing Division is soliciting bids on behalf of the Tax Division to establish a contract for the one-time purchase of hardware software, licensing, and support for a Storage Area Network (SAN) solution.

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43212280			

Extended Description :

SEE 3.1.1 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description :

SEE 3.1.2 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3 YEAR WARRANTY FOR SANs	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.4 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3 YEAR WARRANTY FOR FIBER SWITCHES	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111818			

Extended Description :
SEE 3.1.5 OF THE ATTACHED SPECIFICATIONS

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF 1001 LEE STREET STE M	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	INSTALLATION, IMPLENTATION, AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81111809			

Extended Description :

SEE 3.1.6 OF THE ATTACHED SPECIFICATIONS

SOLICITATION NUMBER: CRFQ TAX1800000004

Addendum Number: 03

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:

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To publish the vendor questions and agency answers.
2. To modify specifications 3.1.1.9 , 3.1.1.12, and 3.1.1.13 as attached.

No other changes.

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.

ATTACHMENT A

Vendor Questions and Agency Answers
CRFQ TAX1800000004
Storage Area Networks and Fiber Switches

Q1) Can we get a clear understanding of what the performance requirements are from an IOPS, latency and throughput perspective, i.e. reports from VNX Monitoring & Reporting Suite or the webUI of your VNX?

A1) We do not currently use VNX Monitoring & Reporting Suite. The following screen shots are from Solarwinds Orion SRM for current performance.

STORAGE POOL	LATENCY (TOTAL)	IOPS (TOTAL) ▼	THROUGHPUT (TOTAL)
 Pool 0	2.90 ms	108	1.16 MB
 Pool 0	0.61 ms	104	2.15 MB
 Pool 0	0.47 ms	11	1.44 MB
 Pool 0	0.49 ms	9	377.67 KB
 Pool 0	3.36 ms	6	394.69 KB
 Pool 0	3.26 ms	5	295.25 KB
 Pool 0	5.42 ms	5	184.43 KB
 Pool 0	5.31 ms	4	209.62 KB
 Pool 0	2.58 ms	2	127.34 KB
 Pool 0	0.30 ms	1	12.15 KB
 Pool 0	2.80 ms	0	186.77 KB
 Pool 0	34 ms	0	25.47 KB
 Pool 0	0.90 ms	0	1.79 KB
 Pool 0	0.68 ms	0	3.08 KB
 Pool 0	2.55 ms	0	0.41 KB
 Pool 0	4.62 ms	0	5.17 KB

Pool 0	4.62 ms	0	5.17 KB
Pool 0	4.53 ms	0	4.21 KB
Pool 0	6.87 ms	0	0.63 KB
Pool 0	4.31 ms	0	3.77 KB
Pool 0	0.50 ms	0	0.05 KB
Pool 0	0.10 ms	0	0.05 KB
Pool 0	0.17 ms	0	0.05 KB
Pool 0	0.16 ms	0	0.05 KB
Pool 0	0.17 ms	0	0.05 KB
Pool 0	0.16 ms	0	0.05 KB
Pool 0	0.18 ms	0	0.05 KB
Pool 0	0.16 ms	0	0.05 KB
Pool 0	0.16 ms	0	0.05 KB
Pool 0	0.92 ms	0	0.40 KB
Pool 0	4.77 ms	0	0.03 KB
Pool 0	14 ms	0	0.03 KB
Pool 0	18 ms	0	0.03 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB

Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
Pool 0	0 ms	0	0.00 KB
0001	0 ms	0	0.00 KB

Q2) What applications will be supported by the new SAN? Please break down the storage requirements based on application type.

A2) The SAN in question supports one Tax application, Gentax. This application runs on a Windows Server Platform. The SAN environment however needs to be broken down to provide disk storage for various Storage Pools, allowing for disk space to be allocated to different environments (eg. Production, Staging).

Q3) Please provide a breakdown of hosts, i.e. Hypervisor and version; physical hosts OS, version and application being supported.

A3) Hosts are ESXi 6.X hosts, in a Vmware vSphere. VM guests are Windows 201X server machines, BSD, and Linux.

Q4) You have requested 50TB of SSDs and 50TB of HDDs. Will these disks hold mutually exclusive data or will they be used for data tiering?

A4) They will be used for data tiering.

Q5) Will a solution be acceptable with a lesser amount of SSD capacity be acceptable if we can deliver the required latency and performance requirements?.

A5) No

Q6) Are the 50TB of SSDs and 50TB of HDDs a raw or usable capacity? If we can meet your requirements of required capacity leveraging data efficiencies, i.e. compression, with less 'out of the box' capacity, will that be acceptable?

A6) Raw capacity. Compression to meet these requirements will not be acceptable.

Q7) We need to get clarification on your future growth requirements based off of the request for an array supporting 150-disks. What are your long-term capacity requirements? Do you have anticipated annual growth percentages?

A7) We have had an historic growth rate of approximately 18% to 20% in our larger datasets.

Q8) Will performance, capacity, latency and throughput requirements be the same at both the Charleston and Flatwoods, WV data centers? If not, please indicate the differences and considerations we would need to be aware of.

A8) Yes, the intention is to have identical systems.

Q9) Will Tax provide and share SPCollects and .nar (performance) data from the existing assets?

A9) Yes, to the winning bidder. Otherwise, we will not give that information out.

Q10) async replication - what is the max RPO?

A10) 24 hours

Q11) What throughput exists between sites and what is the line latency?

A11) There are not currently sites, or a dedicated line.

Q12) What is the change rate of the existing capacity on the primary VNX?

A12) The portion of the system that we will want to replicate is approximately 3.5 Terabytes; the rate of change for that portion of the system is 1.6%.

Q13) How much consumed capacity exists on the primary VNX?

A13) Current SAN capacity is 62.73 TB Usable, with 54.37 TB Used and 8.36 TB Remaining

Q14) Is LDAP going to manage accounts, timeouts, etc? or will the storage array / SAN native tools (Seems like we are asking for both)?

A14) Typically any device will come with its own account management system, which is fine. In the event that LDAP authentication fails we still need to be able to access the device. A local account for administration in addition to the ability to assign account access and restriction through a LDAP interface is acceptable. So yes, we are asking for both.

Q15) Should an all SSD option be considered if the pricing was within 15% of a hybrid option?

A15) Yes

Q16) Services and building access. What is the process required to gain access to facilities?

A16) The process to gain access to the facility is to contact Tax IT personnel and schedule any maintenance or deployment. Tax IT personnel must be present for any type of activity conducted by any vendor to this system.

Q17) 3.1.1.12/3.1.1.13 Are the listed capacities, raw, formatted, available, or usable capacities? Is the numbers binary or decimal capacity numbers?

A17) Raw capacity, with an expected 80% usable capacity, and the numbers are expressed in binary (multiples of 1024), thus 50 Terabytes is 54,975,581,388,800 bytes.

Q18) 3.1.1.18 Is the expiration timeout based upon inactivity or simply limiting sessions for 30 minutes each?

A18) Inactivity

Specification Changes/Additions
CRFQ TAX1800000004
Storage Area Networks and Fiber Switches

Remove Specification 3.1.1.9:

3.1.1.9 Each SAN must be able to disable or enable encryption at rest on a per LUN basis.

Replace with the following Specification:

3.1.1.9 Each SAN must have encryption at rest.

Remove Specification 3.1.1.12 & 3.1.1.13:

3.1.1.12 Each SAN must have a minimum of 50TB of hard disk drive storage installed. The hard disk drives must have 12 Gb SAS Interfaces.

3.1.1.13 Each SAN must have at minimum of 50TB of flash storage installed.

Replace with the following Specification:

3.1.1.12 Each SAN must have a minimum of 100TB of storage installed. A minimum 50TB of the 100TB must be flash storage.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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.

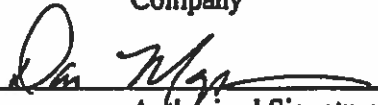
Addendum Numbers Received:

(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 checked="" 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.

CBTS

Company


Authorized Signature
9/18/17

Date

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