



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

Header

List View

General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 217247

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000210570

Legal Name: ALPHA TECHNOLOGIES INC

Alias/DBA:

Total Bid: \$273,581.00

Response Date: 08/04/2016

Response Time: 9:46

SO Doc Code: CRFQ

SO Dept: 1600

SO Doc ID: SOS1700000001

Published Date: 7/26/16

Close Date: 8/4/16

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum 1 - Core Network Equipment and Software

Total of Header Attachments: 0

Total of All Attachments: 0



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

State of West Virginia
Solicitation Response

Proc Folder : 217247

Solicitation Description : Addendum 1 - Core Network Equipment and Software

Proc Type : Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation Response	Version
	2016-08-04 13:30:00	SR 1600 ESR08041600000000493	1

VENDOR

000000210570

ALPHA TECHNOLOGIES INC

Solicitation Number: CRFQ 1600 SOS17000000001

Total Bid : \$273,581.00

Response Date: 2016-08-04

Response Time: 09:46:51

Comments:

FOR INFORMATION CONTACT THE BUYER

Linda Harper
(304) 558-0468
linda.b.harper@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	4.1.6.1 WS-C4510RE-S8+96V+ "or Equal"	1.00000	EA	\$16,394.000000	\$16,394.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.1 WS-C4510RE-S8+96V+ "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	4.1.6.2 WS-X4748-RJ45V+E "or Equal".	5.00000	EA	\$2,681.000000	\$13,405.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.2 WS-X4748-RJ45V+E "or Equal".

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	4.1.6.3 WS-X45- SUP8-E "or Equal"	1.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.3 WS-X45- SUP8-E "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	4.1.6..3 WS_X45- SUP8-E/2 "or Equal"	1.00000	EA	\$9,933.000000	\$9,933.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6..3 WS_X45- SUP8-E/2 "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	4.1.6.4 C4500E-LB-IPB "or Equal"	1.00000	EA	\$4,965.000000	\$4,965.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.4 C4500E-LB-IPB "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	4.1.6.5 CAB-CON-C4K-RJ45 "or Equal"	1.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per Section 4.1.6.5 CAB-CON-C4K-RJ45 "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	4.1.6.6 CAT4500e SUP8e Universal Cryptographic Image	1.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.6 CAT4500e SUP8e Universal Cryptographic Image, "or equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	4.1.6.7 C4K-SLOT-CVR-E "or Equal".	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.7 C4K-SLOT-CVR-E "or Equal".

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	4.1.6.8 PWR-C45-6000ACV "or Equal";	1.00000	EA	\$1,985.000000	\$1,985.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.8 PWR-C45-6000ACV "or Equal";

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	4.1.6.8 PWR-C45-6000ACV/2 "or Equal"	1.00000	EA	\$1,985.000000	\$1,985.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.8 PWR-C45-6000ACV/2 "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	4.1.6.9 CAB-L620P-C19-US "or Equal"	4.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.9 CAB-L620P-C19-US "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
12	4.1.6.10 WS-X4712-SFP-E "or Equal",	1.00000	EA	\$2,978.000000	\$2,978.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.10 WS-X4712-SFP-E "or Equal",

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
13	4.1.6.11 SFP-10G-SR-S= "or Equal"	10.00000	EA	\$323.000000	\$3,230.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.11 SFP-10G-SR-S= "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
14	4.1.6.12 C3KX-NM-10G= "or Equal"	1.00000	EA	\$1,242.000000	\$1,242.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.6.12 C3KX-NM-10G= "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
15	4.1.7.1. ASA5525-FPWR-K9 "or Equal"	2.00000	EA	\$4,617.000000	\$9,234.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4..7.1. ASA5525-FPWR-K9 "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
16	4.1.7.2 ASA-IC-B-BLANK "or Equal".	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.7.2 ASA-IC-B-BLANK "or Equal".

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
17	4.1.7.3 ASA5500X-SSD120INC "or Equal"	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.7.3 ASA5500X-SSD120INC "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
18	4.1.7.4 ASA5525-MB "or Equal"	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.7.4 ASA5525-MB "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
19	4.1.7.5 ASA5525- CTRL-LIC "or Equal".	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.7.5 ASA5525- CTRL-LIC "or Equal".

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
20	4.1.7.6 ASA5500-ENCR-K9 "or Equal"	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.7.6 ASA5500-ENCR-K9 "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
21	4.1.7.7 SF-ASA-X-9.2.2-K8 "or Equal"	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.7.7 SF-ASA-X-9.2.2-K8 "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
22	4.1.7.8 SF-ASA-FP5.4-K9 "or Equal".	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.7.8 SF-ASA-FP5.4-K9 "or Equal".

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
23	4.1.7.9 CAB-AC "or Equal"	2.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.7.9 CAB-AC "or Equal"

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
24	4.1.8.7 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 1	12.00000	MO	\$2,386.000000	\$28,632.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.7 CON-SNT-WS-C451R for SmartNet-8x5xNBD for 1 year, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
25	4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for	12.00000	MO	\$966.000000	\$11,592.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for SmartNet-8x5xNBD for 1 year, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
26	4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for	12.00000	MO	\$966.000000	\$11,592.00

Comm Code	Manufacturer	Specification	Model #
81111706			

Extended Description : Per section 4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for SmartNet-8x5xNBD

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
27	Installation Charges	1.00000	LS	\$966.000000	\$966.00

Comm Code	Manufacturer	Specification	Model #
81111706			

Extended Description : Per section 4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for SmartNet-8x5xNBD

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
28	4.1.8.9 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 2	12.00000	MO	\$2,386.000000	\$28,632.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.9 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 2 - OPTIONAL RENEWAL

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
29	4.1.8.10 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 2	12.00000	MO	\$966.000000	\$11,592.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.10 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 2 OPTIONAL RENEWAL

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
30	4.1.8.10 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 2	12.00000	MO	\$966.000000	\$11,592.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.10 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 2 OPTIONAL RENEWAL

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
31	4.1.8.11 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 3	12.00000	MO	\$2,386.000000	\$28,632.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.11 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 3 - OPTIONAL RENEWAL

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
32	4.1.8.12 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 3	12.00000	MO	\$966.000000	\$11,592.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.12 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 3 OPTIONAL RENEWAL

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
33	4.1.8.12 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 3	12.00000	MO	\$966.000000	\$11,592.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.12 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 3 OPTIONAL RENEWAL

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
34	4.1.8.13 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 4	12.00000	MO	\$2,386.000000	\$28,632.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.12 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 4 - OPTIONAL RENEWAL

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
35	4.1.8.14 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 4	12.00000	MO	\$966.000000	\$11,592.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.14 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 4 OPTIONAL RENEWAL

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
36	4.1.8.14 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 4	12.00000	MO	\$966.000000	\$11,592.00

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description : Per section 4.1.8.14 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 4 OPTIONAL RENEWAL



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: 217247

Doc Description: Addendum 1 - Core Network Equipment and Software

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-07-26	2016-08-04 13:30:00	CRFQ 1600 SOS1700000001	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:

Alpha Technologies Inc.

4003 Outlook Drive

Hurricane, WV 25526

304-721-8987

FOR INFORMATION CONTACT THE BUYER

Linda Harper

(304) 558-0468

linda.b.harper@wv.gov

Signature X

FEIN # 55-0774279

DATE 8-3-2016

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

ADDITIONAL INFORMATION:

Addendum 1 issued for the following reasons:

1. To publish the vendor questions with responses.

No other changes.

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	4.1.6.1 WS-C4510RE-S8+96V+ "or Equal"	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.1 WS-C4510RE-S8+96V+ "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	4.1.6.2 WS-X4748-RJ45V+E "or Equal".	5.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.2 WS-X4748-RJ45V+E "or Equal".

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	4.1.6.3 WS-X45- SUP8-E "or Equal"	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.3 WS-X45- SUP8-E "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	4.1.6..3 WS_X45- SUP8-E/2 "or Equal"	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6..3 WS_X45- SUP8-E/2 "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	4.1.6.4 C4500E-LB-IPB "or Equal"	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.4 C4500E-LB-IPB "or Equal"

INVOICE TO		SHIP TO	
CFO		SUPPLY CLERK	
SECRETARY OF STATE		SECRETARY OF STATE	
BLDG 1 STE 157K		BLDG 1 STE 157K	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV25305-0770	CHARLESTON	WV 25305-0770
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	4.1.6.5 CAB-CON-C4K-RJ45 "or Equal"	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per Section 4.1.6.5 CAB-CON-C4K-RJ45 "or Equal"

INVOICE TO		SHIP TO	
CFO		SUPPLY CLERK	
SECRETARY OF STATE		SECRETARY OF STATE	
BLDG 1 STE 157K		BLDG 1 STE 157K	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV25305-0770	CHARLESTON	WV 25305-0770
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	4.1.6.6 CAT4500e SUP8e Universal Cryptographic Image	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.6 CAT4500e SUP8e Universal Cryptographic Image, "or equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
8	4.1.6.7 C4K-SLOT-CVR-E "or Equal".	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.7 C4K-SLOT-CVR-E "or Equal".

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
9	4.1.6.8 PWR-C45-6000ACV "or Equal";	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.8 PWR-C45-6000ACV "or Equal";

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
10	4.1.6.8 PWR-C45-6000ACV/2 "or Equal"	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.8 PWR-C45-6000ACV/2 "or Equal"

INVOICE TO		SHIP TO	
CFO		SUPPLY CLERK	
SECRETARY OF STATE		SECRETARY OF STATE	
BLDG 1 STE 157K		BLDG 1 STE 157K	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV25305-0770	CHARLESTON	WV 25305-0770
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
11	4.1.6.9 CAB-L620P-C19-US "or Equal"	4.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.9 CAB-L620P-C19-US "or Equal"

INVOICE TO		SHIP TO	
CFO		SUPPLY CLERK	
SECRETARY OF STATE		SECRETARY OF STATE	
BLDG 1 STE 157K		BLDG 1 STE 157K	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV25305-0770	CHARLESTON	WV 25305-0770
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
12	4.1.6.10 WS-X4712-SFP-E "or Equal",	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.10 WS-X4712-SFP-E "or Equal",

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
13	4.1.6.11 SFP-10G-SR-S= "or Equal"	10.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.11 SFP-10G-SR-S= "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
14	4.1.6.12 C3KX-NM-10G= "or Equal"	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.6.12 C3KX-NM-10G= "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
15	4.1.7.1. ASA5525-FPWR-K9 "or Equal"	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4..7.1. ASA5525-FPWR-K9 "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV25305-0770	SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV 25305-0770

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
16	4.1.7.2 ASA-IC-B-BLANK "or Equal".	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.7.2 ASA-IC-B-BLANK "or Equal".

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV25305-0770	SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV 25305-0770

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
17	4.1.7.3 ASA5500X-SSD120INC "or Equal"	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.7.3 ASA5500X-SSD120INC "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
18	4.1.7.4 ASA5525-MB "or Equal"	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.7.4 ASA5525-MB "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
19	4.1.7.5 ASA5525- CTRL-LIC "or Equal".	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.7.5 ASA5525- CTRL-LIC "or Equal".

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
20	4.1.7.6 ASA5500-ENCR-K9 "or Equal"	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.7.6 ASA5500-ENCR-K9 "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV25305-0770	SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV 25305-0770

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
21	4.1.7.7 SF-ASA-X-9.2.2-K8 "or Equal"	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.7.7 SF-ASA-X-9.2.2-K8 "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV25305-0770	SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV 25305-0770

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
22	4.1.7.8 SF-ASA-FP5.4-K9 "or Equal".	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.7.8 SF-ASA-FP5.4-K9 "or Equal".

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
23	4.1.7.9 CAB-AC "or Equal"	2.00000	EA		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.7.9 CAB-AC "or Equal"

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
24	4.1.8.7 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 1	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.7 CON-SNT-WS-C451R for SmartNet-8x5xNBD for 1 year, or equal

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
25	4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for SmartNet-8x5xNBD for 1 year, or equal

INVOICE TO		SHIP TO	
CFO		SUPPLY CLERK	
SECRETARY OF STATE		SECRETARY OF STATE	
BLDG 1 STE 157K		BLDG 1 STE 157K	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV25305-0770	CHARLESTON	WV 25305-0770
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
26	4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81111706			

Extended Description :

Per section 4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for SmartNet-8x5xNBD

INVOICE TO		SHIP TO	
CFO		SUPPLY CLERK	
SECRETARY OF STATE		SECRETARY OF STATE	
BLDG 1 STE 157K		BLDG 1 STE 157K	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV25305-0770	CHARLESTON	WV 25305-0770
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
27	Installation Charges	1.00000	LS		

Comm Code	Manufacturer	Specification	Model #
81111706			

Extended Description :

Per section 4.1.8.8 CON-SNT-A25FPK9 SNTC-8XSXNBD for SmartNet-8x5xNBD

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
28	4.1.8.9 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 2	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.9 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 2 - OPTIONAL RENEWAL

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
29	4.1.8.10 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 2	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.10 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 2 OPTIONAL RENEWAL

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
30	4.1.8.10 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 2	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.10 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 2 OPTIONAL RENEWAL

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV25305-0770	SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV 25305-0770

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
31	4.1.8.11 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 3	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.11 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 3 - OPTIONAL RENEWAL

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV25305-0770	SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON US	WV 25305-0770

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
32	4.1.8.12 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 3	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.12 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 3 OPTIONAL RENEWAL

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
33	4.1.8.12 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 3	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.12 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 3 OPTIONAL RENEWAL

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
34	4.1.8.13 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 4	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.12 CON-SNT-WS-C451R for SmartNet-8x5xNBD for Year 4 - OPTIONAL RENEWAL

INVOICE TO		SHIP TO	
CFO SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV25305-0770 US		SUPPLY CLERK SECRETARY OF STATE BLDG 1 STE 157K 1900 KANAWHA BLVD E CHARLESTON WV 25305-0770 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
35	4.1.8.14 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 4	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.14 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 4 OPTIONAL RENEWAL

INVOICE TO		SHIP TO	
CFO		SUPPLY CLERK	
SECRETARY OF STATE		SECRETARY OF STATE	
BLDG 1 STE 157K		BLDG 1 STE 157K	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV25305-0770	CHARLESTON	WV 25305-0770
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
36	4.1.8.14 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 4	12.00000	MO		

Comm Code	Manufacturer	Specification	Model #
81110000			

Extended Description :

Per section 4.1.8.14 CON-SNT-A25FPK9 SNTC-8XSXNBD, "or equal" Year 4 OPTIONAL RENEWAL

SOS1700000001	Document Phase Final	Document Description Addendum 1 - Core Network Equipment and Software	Page 17 of 17
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

SOLICITATION NUMBER: SOS1700000001

Addendum Number: 1

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

Applicable Addendum Category:

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

Description of Modification to Solicitation:

Addendum 1 issued for the following reasons:

1. To publish the vendor questions with responses.

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

CRFQ SOS170000001 Core Network Equipment
Vendor Questions

- Q.1. The RFP specifies several items designated as Cisco part numbers "or equal." However, there are also several details which specifically identify non-standard, Cisco proprietary, technologies. Standards based implementations provide more flexibility, agility, and investment protection than proprietary ones. Are bidders permitted to replace Cisco proprietary items with standards based equipment which provide better performance at a lower price point?
- A.1. The intent of this RFQ is to provide WVSOS with equipment that will integrate seamlessly with our existing Cisco equipment. We are a small staff and unable to support multiple environments. We do not intend to replace everything in the core at this time. Purchasing regulations require that we offer the RFQ to those with an equivalent solution.
- Q.2. Will your current access switches (3560's) be decommissioned or will they be re-purposed?
- A.2. Only one of the 3560's will be re-purposed.
- Q.3. Are all of the current network switches located in one room or are they distributed throughout the building? If your access switches are separated into wiring closets around the facility, our concern is the length of Ethernet cables to end devices may possibly exceed standard limitation. This could be a big issue if, for example, end user workstations are located more than 100 meters away from the core switch, thus causing connectivity issues.
- A.3. All but one switch is located in one room. The one switch is located across the hall from the others. We also have a remote office in Fairmont WV, with a Cisco Router and Switch combo. This is connected with Fiber on the state's network, and a VPN connection. We also connect to Microsoft's Cloud Azure with a VPN connection.
- Q.4. What type of devices will be connected directly to the new core switch?
- A.4. Dell Servers, a StoreSimple and Dell Equilogics SANs, Cisco Wireless Controller, and Bomgar Support Console.
- Q.5. Physical servers or virtual hosts requiring multi-link connections?
- A.5. We have Physical Hyper-V servers (Dell Vrtx system with a built in 10 Gbps Switch), This could be reduced to a single connection if we use Fiber instead of copper. The other servers are all single connections. The SANs are multi-link to a standalone switch. We would like to move those connections to the new Core switch.
- Q.6. Are the server connections 1Gbps, 10Gbps or 40Gbps?
- A.6. They are all 1Gbps, The Dell Vrtx has the capability for 10Gbps, and we would like to use the 10Gbps for it.
- Q.7. Are storage technologies like iSCSI or FCoE in use or planned?
- A.7. We are using iSCSI on a standalone switch for the SANs, but would like to move these connections to the new Core switch.
- Q.8. Workstations - i.e. - laptops or PCs?
- A.8. We mainly use Desktop PCs, but we do have Laptops.

- Q.9. IP phones or wireless access points requiring POE ports?
- A.9. We use Polycom IP phones with Lync, and have Cisco Access Points.
- Q.10. Access layer switches?
- A.10. No, we do not have any at this time.
- Q.11. Are there wireless access points in use today? If so, how many and of what manufacturer and model?
- A.11. We have 5 Cisco WAPs in use with the AIR-WLC2106-K9 Controller, 4 of the AP are AIR-LAP1131AG-A-K9. One of them is a Meraki MR18.
- Q.12. Are there IP phones in use today? If so, how many and of what manufacturer and model?
- A.12. Yes. We have around 70 users, they are Polycom CX600, and then we use CX300 USB phones, but we are upgrading the phone system and will need POE for all users.
- Q.13. Will the new core switch provide access control(ACL) or admission control(NAC) functionality?
- A.13. The new Core switch will control local traffic. The Firewalls will maintain the external ACL and NAC.
- Q.14. Will the new firewall pair connect directly to the new core? Can we assume the firewalls will be setup as an HA pair in active/standby mode?
- A.14. Yes, the chassis will hold the two firewalls and will set-up as an HA pair.
- Q.15. Will the core switch perform any routing functions or will the firewall provide all layer3 functionality for the network? What routing protocols will be used? i.e. - OSPF, BGP, etc.
- A.15. Firewalls will provide Layer3 functionality. TBD on protocols.
- Q.16. Which, if any, switches perform routing today? What routing protocols are currently in use?
- A.16. All routing is currently handled by the Firewall. The second firewall is for failover and redundancy.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: SOS1700000001

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.

Alpha Technologies Inc.

Company


Authorized Signature

8-3-2016

Date

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

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: July 22, 2016, 3:00 p.m.

Submit Questions to: Linda B. Harper, Senior Buyer
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)
Email: Linda.B.Harper@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: CORE NETWORK EQUIPMENT AND SOFTWARE
BUYER: LINDA HARPER
SOLICITATION NO.: CRFQ SOS1700000001
BID OPENING DATE: AUGUST 4, 2016
BID OPENING TIME: 1:30 P.M.
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: AUGUST 4, 2016, 1:30 P.M.

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 by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately opened and/or 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 if those documents are required with the bid.

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.

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
UPON AWARD _____ and extends for a period of (1) ONE 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 (3) THREE successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed (36) THIRTY-SIX 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.

☐ **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.

☐ **INSURANCE:** The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the state as a certificate holder:

☐ **Commercial General Liability Insurance:** In the amount of _____ or more.

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

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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 above.

☐ **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. 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.

9. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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.

17. 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.

18. 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.

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

20. 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.

21. COMPLIANCE: 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.

22. 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.

23. 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.

24. 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.

25. 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.

26. 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.

27. 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.

28. 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.

29. 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.

30. 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>.

31. 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.

32. 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.

33. 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.

34. 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.

35. 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.

36. 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.

37. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.

38. 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.

39. 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.

40. 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.

41. 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.

42. 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 hearth, 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.

43. 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.

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.

 Sales Executive
(Name, Title)
David Chambers, Sales Executive
(Printed Name and Title)
4003 Outlook Drive, Hurricane, WV 25526
(Address)
Ph: 304-721-8987 Fax: 304-201-2610
(Phone Number) / (Fax Number)
dchambers@alpha-tech.us
(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.

Alpha Technologies Inc.
(Company)
 David Chambers, Sales Executive
(Authorized Signature) (Representative Name, Title)

David Chambers, Sales Executive
(Printed Name and Title of Authorized Representative)

8-3-2016
(Date)

Ph: 304-721-8987 Fax 304-201-2610
(Phone Number) (Fax Number)

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.

Alpha Technologies Inc.

Company

Authorized Signature

8-3-2016

Date

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

REQUEST FOR QUOTATION
West Virginia Secretary of State
Core Network Equipment and Software

SPECIFICATIONS

1. PURPOSE AND SCOPE: The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Secretary of State's Office (WVSOS) to establish a contract for the purchase of replacement network equipment and installation with next generation equipment for a more stream-lined, scalable, efficient, and secure design. Expansion for wireless devices are to be part of the plan (future) and are not included in this request.

1.1 GOALS AND OBJECTIVES: West Virginia Secretary of State Office (WVSOS) requires an upgrade to their existing network infrastructure hardware, specifically the core switches and firewall.

Requirements include a detailed plan, the installation and configuration of the hardware and software on premise, knowledge transfer, and on-going support and maintenance. WVSOS is seeking an experienced Vendor who can provide the best direction and assistance and in addition, on-going service, support and maintenance at the lowest cost.

1.2 CURRENT ENVIRONMENT: Our current environment consists of the following hardware:

- Cisco WS-C4506 Core Switch
- Cisco WS-C3560G-48PS-S (2)
- Cisco WS-3560G-24PS-S (2)
- Cisco WS-3560-X-48PS-S (1)
- ASA-5520-BUN-K9 (2)

1.2.1 The existing equipment was purchased and installed in 2008 and is no longer covered by SmartNet.

1.2.2 Due to the criticality of this equipment, it is imperative that the successful vendor have staff assigned to be on-site during installation for knowledge transfer. Additional remote communications by telephone, (304) 558-6000 and e-mailing the WVSOS Information Technology (IT) staff, ITSupport@wvsos.com, is required.

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.

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- 2.1 **"Chassis"** is a modular unit which provides single centralization of different network components. A chassis can have 3, 4, 6, 9 or 13 slots each for equipment. The different type of service modules that can be integrated into a chassis may consist of, but not limited to, the following: modular power supplies, supervisor engine(s), ethernet line blades, wireless/firewall/router modules.
- 2.2 **"Contract Services"** means "necessary network infrastructure" as more fully described in these specifications.
- 2.3 **"IEEE"** means the Institute of Electrical and Electronic Engineers. IEEE is a professional association dedicated to technological innovation and excellence. It is a leading standards development organization.
- 2.4 **"IEEE 802.3af"** means IEEE Power over Ethernet standard which provides up to 15.4 watts of direct current power.
- 2.5 **"IEEE 802.3at"** means IEEE Power over Ethernet Plus standard which provides up to 25.5 watts of direct current power.
- 2.6 **"IP"** means Internet Protocol.
- 2.7 **"Knowledge Transfer"** is the transfer of the knowledge about the project details by the on-site technician that is to be captured and retained by the WVSOS staff for future use.
- 2.8 **"LAN"** means Local Area Network. A Local Area Network is a computer network that interconnects computers within a limited area such as an office building using network media.
- 2.9 **"PoE"** means Power over Ethernet. Power over Ethernet or PoE describes any of several standardized or ad-hoc systems which pass electrical power along with data on Ethernet cabling. This allows a single Ethernet cable to provide both data connection and electrical power to devices such as VoIP phones, wireless access points, or IP cameras.
- 2.10 **"Pricing Page"** means the pages, contained wvOASIS or attached hereto as Exhibit A, upon which Vendor should list its proposed price for the Contract Services.

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2.11 "RJ45" means standardized physical network interface for connecting voice or data equipment.

2.12 "SLA" is an acronym for Service Level Agreement, which defines the level of service the customer is to receive.

2.13 "SmartNet" refers to Cisco SmartNet service. Cisco SmartNet Service is a technical support service that provides IT staff with direct, anytime access to Cisco experts and online self-help resources necessary in order to provide assistance with troubleshooting and resolving installation, configuration, operational, and upgrade issues with Cisco products.

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

3. **QUALIFICATIONS:** Vendor, or Vendor's staff if requirements are inherently limited to individuals rather than corporate entities, shall have the following minimum qualifications:

- a. Vendor must provide details of two (2) successful similar installations to indicate their level of experience in working with Cisco "or EQUAL" equipment.
- b. Vendor must provide the staffing plan for the project that is to remain in effect for the full term of the project. All staff should remain with the project from start to finish unless WVSOS determines there need to be changes. This plan should contain the certifications and/or degrees of each individual assigned in addition to the experience in working with Cisco "or Equal" equipment.

4. **MANDATORY REQUIREMENTS:**

4.1 **Mandatory Contract Services Requirements and Deliverables:** Contract Services must meet or exceed the mandatory requirements listed below.

4.1.1 **Design and Configuration**

4.1.1.1 The vendor must install the equipment specified in this RFQ with the knowledge transfer to WVSOS network administrator.

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- 4.1.1.2 The vendor should provide two (2) authorized user accesses for the equipment. One for the WVSOS Network Administrator and the second for the Chief Information Officer.

4.1.2 Detailed Project Plan

- 4.1.2.1 The vendor must provide a detailed Project Plan indicating the list of each task to be performed and as required to meet the specified goals and objectives, including milestones, testing or any sign-offs that may be required, which are to be based on best practices.
- 4.1.2.2 The project plan should be prepared in a phased transition approach for implementation as agreed upon with the WVSOS IT Staff and with no downtime during office hours. It is to include all tasks required for the replacement of our existing equipment on premise, not including wireless. Dates are also to be specified according to our normal office hours, 8:30- 5 PM, Monday to Friday, excluding Holidays (not all of state holidays are observed by the WVSOS), Election Day(s), June and November thru December (dates vary according to year).
- 4.1.2.3 Within 10 days of contract award, the vendor is to meet (at their expense) with the WVSOS IT Staff in Charleston, to review the project plan and the delivery dates of the equipment.
- 4.1.2.4 The Project Plan must include a Disaster Recovery/ Business Continuity Plan providing options for zero downtime. The equipment and software specified in this RFQ are proposed with this goal in-mind.

4.1.3 Detailed Specific Approach to Staff Knowledge Transfer

- 4.1.3.1 The vendor must provide knowledge transfer by the on-site technician for the WVSOS Network Administrator and other identified WVSOS IT Staff. This is to include hands-on instruction, documentation and tool usage to assure their ability to successfully trouble-shoot, maintain and support the new environment. Use of WebEx or desktop sharing may be used for remote work as long as a staff person(s) is/are included.

4.1.4 Documentation and Reporting

Revised 10/27/2014

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4.1.4.1 Vendor must provide all system-related documentation, including site-specific system diagrams, network connectivity, and instructions for the functions of each element of the system and their interrelationships, so that there is a complete understanding by the WVSOS IT staff (2) designated individuals.

4.1.5 Security

4.1.5.1 The vendor must include any/ all security and encryption requirements offered by Cisco "or Equal" during the installation as well as in the future as part of the on- going and support of the equipment.

4.1.6 Hardware and Software Cisco Catalyst 4500E Series Chassis Bundle "or e qual". Contract Items must meet or exceed the requirements listed below.

4.1.6.1 Vendor must provide a quantity of one (1) Cisco Catalyst 510R+E Series Chassis Bundle, item number **WS-C4510RE-S8+96V+** "or Equal". This chassis has 10 slots available for various network equipment.

4.1.6.2 The Chassis must contain (5) Catalyst 4500E 48-Port line cards 10/100/1000 (RJ45), item **WS-X4748-RJ45V+E** "or Equal". Manufacturer shall assemble. Contract item shall meet or exceed the following requirements:

4.1.6.2.1 Minimum of 48 nonblocking ethernet port modules.

4.1.6.2.2 10/100/1000 Ethernet module (RJ-45)

4.1.6.2.3 48 gigabits per slot bandwidth.

4.1.6.2.4 IEEE 802.3af/at and Cisco prestandard PoE, IEEE 802.3x flow control.

4.1.6.2.5 IEEE 802.1AE and Cisco TrustSec compatibility in hardware.

4.1.6.2.6 L2-4 Jumbo Frame support (up to 9216 bytes).

4.1.6.2.7 Minimum of 30 W of inline power per port on all ports simultaneously.

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- 4.1.6.3** Each chassis must contain one (1) Supervisor Engine 8-E, **WS-X45- SUP8-E** "or Equal"; and one (1) Redundant Supervisor Engine 8-E **WS_X45- SUP8-E/2** "or Equal". This is an enterprise-class switching module that provides convergence connectivity between wired and wireless networks on a single platform. The second item is for redundancy. The two Supervisor Engines shall meet or exceed the following requirements:
- 4.1.6.3.1** Minimum of 928 Gbps wired switching capacity with 250 Mpps of throughput.
 - 4.1.6.3.2** Minimum of eight nonblocking 10 Gigabit Ethernet uplinks (Small Form-Factor Pluggable Plus [SFP+]).
 - 4.1.6.3.3** Must support a minimum of eight Gigabit Ethernet ports.
 - 4.1.6.3.4** 384 ports of nonblocking 10/100/1000 Ethernet.
 - 4.1.6.3.5** Support for Universal Power over Ethernet (60 W) and Power over Ethernet Plus (30 W) capabilities on all ports in a line card simultaneously.
 - 4.1.6.3.6** Must meet IEEE 802.3az.
 - 4.1.6.3.7** 200 ports of nonblocking Gigabit Ethernet SFP (eight uplinks ports plus 192 Line card ports).
 - 4.1.6.3.8** 104 ports of 10 Gigabit Ethernet SFP+ (eight uplinks ports plus 96- line card ports).
 - 4.1.6.3.9** Minimum of 128,000 Flexible Netflow (FNF) entries in hardware.
 - 4.1.6.3.10** Secure Digital (SD) card support for flexible storage options with an internal slot.
 - 4.1.6.3.11** 256,000 routing entries for high-end access and aggregation deployments.
 - 4.1.6.3.12** Must include IPV6 support in hardware, providing wire-rate forwarding for IPV6 networks.
 - 4.1.6.3.13** Must provide Dual stack support for IPv4/IPv6 and Dynamic hardware forwarding-table allocations for ease of Pv4-to-IPv6 migration.

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- 4.1.6.3.14 Must include scalable routing (IPv4, IPv6, and multicast) tables and Layer 2 tables.
 - 4.1.6.3.15 Scalable and dynamic allocation of access-control-list (ACL) and quality-of-service (QoS) entries to use eight queues per port and comprehensive security policies per port
 - 4.1.6.3.16 Must support Nonstop Forwarding/ Stateful Switchover (NSF/SSO) which provides component redundancy when equipment failures occur.
 - 4.1.6.3.17 Network virtualization through Multi-Virtual Route Forwarding (VRF) and Easy Virtual Networking (EVN) technology for Layer 3 segmentation.
 - 4.1.6.3.18 Virtual Switching System (VSS) for simplified loop-free topologies without Spanning Tree dependencies (software roadmap).
 - 4.1.6.3.19 Flexible and future proofed uplinks with Field Programmable Gate
 - 4.1.6.3.20 Array (FPGA) to support next-generation protocols.
 - 4.1.6.3.21 Integrated Wireshark "or Equal". Wireshark is a packet analyzer program, formally known as Ethereal, that supports multiple protocols and provides information in a text based user interface, and, having the ability.
- 4.1.6.4 Vendor must provide one (1) LAN Base to IP Base license for Supervisor Engine, item (paper delivery) **C4500E-LB-IPB** "or Equal" (this is an operating system software license for supervisor engine modules). Contract item shall meet or exceed the following requirements:
- 4.1.6.4.1 Must support VLANs, DHCP Server, Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP) "limited" Stub Routing, Nonstop Forwarding/ Stateful Switchover (NSF/SSO), and Routing Information Protocol (RIPv1/v2).

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4.1.6.5 Each chassis must contain (1) console cable with a length of a minimum of 6 feet with RJ-45 to RJ-45, item **CAB-CON-C4K-RJ45** "or Equal". Contract item shall meet or exceed the following requirements:

4.1.6.5.1 Must provide console cable to enable PC connectivity for local management.

4.1.6.6 Each chassis must contain one (1) CAT4500e SUP8e Universal Cryptographic Image, Software release image for Catalyst 4500E Series switch, item **S45EUK9-S8-37E** "or Equal". Contract item shall meet or exceed the following requirements:

4.1.6.6.1 Operational software for Cisco Catalyst 4500E Switches "or Equal".

4.1.6.7 Vendor must provide two (2) Catalyst 4500 E-series Family Slot covers, item **C4K- SLOT-CVR-E** "or Equal". The slot covers are blank faceplates inserted where no equipment will be added to the chassis.

4.1.6.8 Vendor must provide one (1) Catalyst 4500 6000 Watts (W), Alternating Current (AC) dual input Power Supply (Data+ PoE), item **PWR-C45-6000ACV** "or Equal"; and one (1) Catalyst 4500 6000W AC dual input Power Supply (Data+ PoE) for redundancy, item **PWR-C45-6000ACV/2** "or Equal". Contract item shall meet or exceed the following requirements:

4.1.6.8.1 Hot swappable with same type equipment without causing service disruption or powering down of equipment.

4.1.6.8.2 Must be IEEE 802.3af- compliant PoE (Power over Ethernet)

4.1.6.8.3 Input Current (rated)-2x 12A at 100V AC or 2x 16A at 200V AC.

4.1.6.8.4 Output Current (data)- 12V at 186.9A; 3.3 at 12.5A.

4.1.6.8.5 Output Current (PoE)- -50V at 100.0A (200V), -50V at 38.5A (120V) minimum.

4.1.6.8.6 Output Power Redundant Mode (data)-2200W + 40W minimum.

4.1.6.8.7 Output Power Redundant Mode (PoE)- 4800W (220V); 1850W (110V) minimum.

4.1.6.8.8 Output Power Combined Mode (data)-4400W minimum.

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4.1.6.11 Vendor must provide ten (10) IOGBASE-SR SFP Module, Enterprise Class transceiver modules, item **SFP-10G-SR-S**= "or Equal" which plug into 100BASE,1000BASE and 10GBASE ports which connect the module port with the fiber-optic or copper network.

4.1.6.12 Vendor must provide one (1) Catalyst 3K-X IOG Network Module, item **C3KX- NM-10G**= "or Equal". This unit is required to provide connectivity with our latest network switch we plan to keep.

4.1.7 Hardware and Software Two Cisco ASA Firewall with FirePOWER Services "or Equal". Contract Items must meet or exceed the requirements listed below.

4.1.7.1 Vendor must provide two (2) Adaptive Security Appliance (Next Generation Firewall), item **ASA5525-FPWR-K9** "or Equal" for redundancy. Contract item shall meet or exceed the following requirements:

- 4.1.7.1.1** Maximum throughput AVC (application Control) 1100Mbps
- 4.1.7.1.2** Maximum throughput AVC & IPS 650 Mbps
- 4.1.7.1.3** Sizing throughput (440-byte Http) 375 MBps
- 4.1.7.1.4** Maximum concurrent sessions 500,000
- 4.1.7.1.5** Maximum New Connections per second 20,000
- 4.1.7.1.6** Supported applications more than 3,000
- 4.1.7.1.7** URL categories 80+
- 4.1.7.1.8** Number of URLs categorized > 280 million
- 4.1.7.1.9** Centralized configuration, logging, monitoring & reporting
- 4.1.7.1.10** On-device management ASDM (version 7.3 or higher required).

4.1.7.2 Vendor must provide two (2) ASA 5525-X Interface Card Blank Slot Covers, item **ASA-IC-B-BLANK** "or Equal". The slot covers are blank faceplates inserted where no equipment will be added to the appliance (included).

4.1.7.3 Vendor must provide two (2) ASA 5512-X through 5555-X 120GB MLC SED SSD (which must be included), item **ASA5500X-SSD120INC** "or Equal". These items are Solid state drives, each 120gb (included).

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- 4.1.7.4 Vendor must provide two (2) ASA 5525 IPS (Intrusion Prevention System) Part Number with which PCB Serial (Printed Circuit Board) is associated, item **ASA5525-MB** "or Equal". This is a license for the Intrusion Prevention System (included).
- 4.1.7.5 Vendor must provide two (2) Cisco ASA5525 Control License, item **ASA5525- CTRL-LIC** "or Equal". This is a license for protection and control features on the firewall devices (included).
- 4.1.7.6 Vendor must provide two (2) ASA 5500 Strong Encryption License (3DES/AES), item **ASA5500-ENCR-K9** "or Equal". This is a license for encryption on the firewall devices.
- 4.1.7.7 Vendor must provide two (2) ASA 9.2.2 Software image for ASA 5500-X Series, 5585-X, ASA-SM, item **SF-ASA-X-9.2.2-K8** "or Equal". This software is for web filtering (included).
- 4.1.7.8 Vendor must provide two (2) Cisco FirePOWER Software v5.4 for ASA 5500-X, item **SF-ASA-FP5.4-K9** "or Equal". This license is for FirePOWER software (included).
- 4.1.7.9 Vendor must provide two (2) AC Powder cords (North American), C13, NEMA 5-15P, 2.1m, item CAB-AC for the redundant power supplies, item CAB-AC "or Equal".

4.1.8 On-going Maintenance and Support- Separate Quote

- 4.1.8.1 Vendor must provide WVSOS IT with responsible points of contact who will respond to WVSOS IT by phone (304) 558-6000 and e-mail (ITSupport@wvsos.com) within 15 (fifteen) minutes once contacted, should there be any issue that affects functionality of the system.
- 4.1.8.2 Vendor must provide a minimum of two (2) Points of Contact, who will remain working with WVSOS through-out the entire project for any type of communications following contract award.
- 4.1.8.3 Vendor must coordinate any system maintenance with WVSOS.
- 4.1.8.4 Vendor must maintain and apply system updates/ patches only after receiving approval from WVSOS. WVSOS is to receive notice within 4 hours of any critical updates requiring immediate attention with a time specified for installation within an 8-hour window.

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- 4.1.8.5 Vendor is responsible for configuring any access controls as required by WVSOS.
- 4.1.8.6 Vendor is responsible for resolving any (WVSOS provided) equipment issues that affect the environment. Incidents are to be documented, including activity, course of action, and resolution. Within 15 minutes, vendor is to notify WVSOS IT by e-mailing ITSupport@wvsos.com and calling (304) 558-6000.
- 4.1.8.7 Vendor must provide a price for maintenance for the one (1) Cisco 451 OR+E switch chassis "or Equal", item **CON-SNT-WS-C451R** for SmartNet-8x5xNBD for 1 year (12 months). The solution bid must be as specified "or Equal".
- 4.1.8.8 Vendor must provide a price for maintenance for the one (2) Cisco ASA5525-X with FirePOWER Services, 8GE "or Equal", item **CON-SNT-A25FPK9 SNTC-8XSXNBD** for SmartNet-8x5xNBD for 1 year (12 months). The solution bid must be as specified "or Equal".
- 4.1.8.8.1 **SMARTnet service 8x5xNBD "or Equal"** must include maintenance services with the following features:
- 24-hours a day, 7 days a week global access to manufacturer support for telephone support for troubleshooting technical and configuration issues.
 - Unrestricted access to all required manufacturer support resources, communities, tools, software updates, patches, and upgrades to ensure the equipment is operating effectively and efficiently at all times.
 - Next-business-day (NBD) advance hardware replacement equipment covered and must ship a replacement within the Next Business Day after failure to resolve technical issues using telephone support until resolved. Replacement part must be received between the hours of 8:00AM through 5:00PM Eastern Standard Time, Monday through Friday excluding State and Federal holidays and weekends.
 - Vendor will include in their bid the cost of optional Annual renewals for years 2, 3, and 4. These optional sequential Annual renewals will be initiated by agency request agreed to by the vendor and processed as a Change Order authorized as issued by the West Virginia Purchasing Division.
- 4.1.8.9 Vendor must provide **Optional Renewal Year "2"** for One (1) SMARTnet 8x5xNBD 4510R+E Chassis "or Equal" (next business day)

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extended service provisions, item **CON-SNT-WS-C451R** "or Equal", for item **WS-C4510RE-S8+96V+**.

- 4.1.8.10** Vendor must provide **Optional Renewal Year "2"** for Two (2) SMARTnet 8x5xNBD ASA5525 firewall "or Equal" (next business day) extended service provisions, item **CON-SNT-A25FPK9 SNTC-8XSXNBD** "or Equal", for item **ASA5525-FPWR-K9**.
- 4.1.8.11** Vendor must provide **Optional Renewal Year "3"** for One (1) SMARTnet 8x5xNBD 4510R+E Chassis "or Equal" (next business day) extended service provisions, item **CON-SNT-WS-C451R** "or Equal", for item **WS-C4510RE-S8+96V+**.
- 4.1.8.12** Vendor must provide **Optional Renewal Year "3"** for Two (2) SMARTnet 8x5xNBD ASA5525 firewall "or Equal" (next business day) extended service provisions, item **CON-SNT-A25FPK9 SNTC-8XSXNBD** "or Equal", for item **ASA5525-FPWR-K9**.
- 4.1.8.13** Vendor must provide **Optional Renewal Year "4"** for One (1) SMARTnet 8x5xNBD 4510R+E Chassis "or Equal" (next business day) extended service provisions, item **CON-SNT-WS-C451R** "or Equal", for item **WS-C4510RE-S8+96V+**.
- 4.1.8.14** Vendor must provide **Optional Renewal Year "4"** for Two (2) SMARTnet 8x5xNBD ASA5525 firewall "or Equal" (next business day) extended service provisions, item **CON-SNT-A25FPK9 SNTC-SXSXNBD** "or Equal", for item **ASA5525-FPWR-K9**.

5. CONTRACT AWARD:

5.1. Contract Award: The Contract is intended to provide Agency with a purchase price for the Contract Services. The Contract shall be awarded to the Vendor that provides the Contract Services meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages. **Renewal options will be initiated by the Agency, agreed to by the Vendor, and processed by the West Virginia Purchasing Division as Change Orders for subsequent years.**

5.2 Pricing Page: Vendor should complete the Pricing Page by entering the unit cost of the commodity in the wvOASIS commodity line when submitting bids electronically through wvOASIS. 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. If a line item is included at no charge, a cost of zero must be entered into that line.

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Vendor's submitting paper bids must download the wvOasis document and fill in the unit and total cost on each commodity line and submit with their bid.

6. **PERFORMANCE:** Vendor and Agency shall agree upon a schedule for performance of Contract Services and Contract Services Deliverables, unless such a schedule is already included herein by Agency. In the event that this Contract is designated as an open-end contract, Vendor shall perform in accordance with the release orders that may be issued against this Contract.
7. **PAYMENT:** Agency shall pay, as shown on the Pricing Pages, for all Contract Services performed and accepted under this Contract. Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.
8. **TRAVEL:** Vendor shall be responsible for all mileage and travel costs, including travel time, associated with performance of this Contract. Any anticipated mileage or travel costs may be included in the flat fee or hourly rate listed on Vendor's bid, but such costs will not be paid by the Agency separately.
9. **FACILITIES ACCESS:** Performance of Contract Services may require access cards and/or keys to gain entrance to Agency's facilities. In the event that access cards and/or keys are required:
 - a. Vendor must identify principal service personnel which will be issued access cards and/or keys to perform service.
 - b. Vendor will be responsible for controlling cards and keys and will pay replacement fee, if the cards or keys become lost or stolen.
 - c. Vendor shall notify Agency immediately of any lost, stolen, or missing card or key.
 - d. Anyone performing under this Contract will be subject to Agency's security protocol and procedures.
 - e. Vendor shall inform all staff of Agency's security protocol and procedures.

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10. VENDOR DEFAULT:

- a. The following shall be considered a vendor default under this Contract.
 - i. Failure to perform Contract Services in accordance with the requirements contained herein.
 - ii. Failure to comply with other specifications and requirements contained herein.
 - iii. Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
 - iv. Failure to remedy deficient performance upon request.
- b. The following remedies shall be available to Agency upon default.
 - i. Immediate cancellation of the Contract.
 - ii. Immediate cancellation of one or more release orders issued under this Contract.
 - iii. Any other remedies available in law or equity.

11. MISCELLANEOUS:

- a. **Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: _____
Telephone Number: _____
Fax Number: _____
Email Address: _____

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; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **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 employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this 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) reject the bid; 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.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), 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: Alpha Technologies Inc.

Signed: [Signature]

Date: 8-3-2016

Title: Sales Executive

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: Alpha Technologies Inc.

Authorized Signature: [Signature] Date: 8-3-2016

State of West Virginia

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 3 day of August, 2016.

My Commission expires August 26th, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]

Purchasing Affidavit (Revised 08/01/2015)

