



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 @ 5

List View

**General Information** | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#) | [Clarification Request](#)

Procurement Folder: 1061144

Procurement Type: Central Master Agreement

Vendor ID: VS0000009159

Legal Name: AITA CONSULTING SERVICES INC

Alias/DBA:

Total Bid: \$95,986.59

Response Date: 06/30/2022

Response Time: 12:06

Responded By User ID: Richard2016

First Name: KEVIN

Last Name: KUMAR

Email: KEVIN@AITACS.COM

Phone: 732-658-4594

SO Doc Code: CRFQ

SO Dept: 0439

SO Doc ID: EBA2200000007

Published Date: 6/15/22

Close Date: 6/30/22

Close Time: 13:30

Status: Closed

Solicitation Description: EBAr70136 NETWORK SWITCHES

Total of Header Attachments: 5

Total of All Attachments: 5



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

State of West Virginia  
Solicitation Response

**Proc Folder:** 1061144  
**Solicitation Description:** EBAr70136 NETWORK SWITCHES  
**Proc Type:** Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2022-06-30 13:30	SR 0439 ESR06302200000008187	1

**VENDOR**  
VS0000009159  
AITA CONSULTING SERVICES INC

**Solicitation Number:** CRFQ 0439 EBA2200000007  
**Total Bid:** 95986.58999999999650754034519 **Response Date:** 2022-06-30 **Response Time:** 12:06:09  
**Comments:**

**FOR INFORMATION CONTACT THE BUYER**  
Toby L Welch  
(304) 558-8802  
toby.l.welch@wv.gov

<b>Vendor Signature X</b>	<b>FEIN#</b>	<b>DATE</b>
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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	NetGear modular network switch or equal	3.00000	EA	4990.540000	14971.62

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** XSM4396K0-10000S -- M4300-96X MODULAR MANAGED PERP SWITCH EMPTY VERSION XSM4396K0

**Extended Description:**

XSM4396KO-10000S or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	NetGear 8 port module 1G/2.5G/5G/10Gbase-T or equal	24.00000	EA	847.640000	20343.36

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** APM408C-10000S -- 8X100M 1G 2.5G 5G 10GBASE-T CPNT PORT CARD APM408C

**Extended Description:**

APM408C or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	NetGear 8 port module 1G/2.5G/5G/10Gbase-T with PoE+ or equal	12.00000	EA	941.820000	11301.84

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** APM408P-10000S -- 8X100M 1G 2.5G 5G 10GBASE-T CPNT POE+ PORT CARD APM408P

**Extended Description:**

APM408P or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	NetGear 2 port module 40GBase-X QSFP+ (Fiber) or equal	6.00000	EA	508.610000	3051.66

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** APM402XL-10000S -- 2X40GBASE-X QSFP+ PORT CARD CTLR APM402XL

**Extended Description:**

APM402XL or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	NetGear QSFP+ 40GbE Transceiver Module or Equal	12.00000	EA	226.040000	2712.48

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** AXLM762-10000S -- 40GBASE-LR4 SMF DUPLEX LC QSFP+PERP TRANSCEIVER

**Extended Description:**

AXLM762 or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	NetGear 8 port 10GBase-X SFP+ (Fiber) Module or equal	3.00000	EA	508.610000	1525.83

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** APM408F-10000S -- 8X1G 10GBASE-X SFP+ PORT CARD CTLR APM408F

**Extended Description:**

APM408F or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	NetGear SFP+ 10GbE Transceiver Module or equal	24.00000	EA	724.390000	17385.36

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** AXM762-10000S -- 10GE LR SFP+ MODULE CPNT

**Extended Description:**

AXM762 or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	NetGear Modular Power supply of Equal	6.00000	EA	446.700000	2680.20

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** APS600W-100NES -- 600W POWER SUPPLY UNIT APS600W PWR

**Extended Description:**

APS600W or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	Netgear 24 port 1Gb PoE+, 2 port 10GBase-T, and 2 port 10GB	8.00000	EA	2099.790000	16798.32

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** GSM4328PB-100NES -- M4300-28G-POE+ MANAGED SWITCH PERP WITH 1000W PSU

**Extended Description:**

GSM4328PB-100NES or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	NetGear Modular Power supply or Equal	8.00000	EA	651.990000	5215.92

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:** APS1000W-100NES -- PROSAFE POWER MODULE FOR CPNT RPS4000

**Extended Description:**

APS1000W or equal




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

State of West Virginia  
Centralized Request for Quote  
Info Technology

<b>Proc Folder:</b> 1061144			<b>Reason for Modification:</b>
<b>Doc Description:</b> EBAr70136 NETWORK SWITCHES			
<b>Proc Type:</b> Central Master Agreement			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2022-06-15	2022-06-30 13:30	CRFQ 0439 EBA2200000007	1

<b>BID RECEIVING LOCATION</b>
BID CLERK DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON ST E CHARLESTON WV 25305 US

<b>VENDOR</b>		
<b>Vendor Customer Code:</b> VS0000009159		
<b>Vendor Name :</b> AITA Consulting Services, Inc		
<b>Address :</b> 825 Georges Rd, 3rd Floor, North Brunswick, NJ – 08902.		
<b>Street :</b> 825 Georges Rd, 3rd Floor,		
<b>City :</b> North Brunswick		
<b>State :</b> NJ	<b>Country :</b> U.S	<b>Zip :</b> 08902
<b>Principal Contact :</b> Kevin Kumar		
<b>Vendor Contact Phone:</b> (732) 658-4594	<b>Extension:</b>	

<b>FOR INFORMATION CONTACT THE BUYER</b> Toby L Welch (304) 558-8802 toby.l.welch@wv.gov		
<b>Vendor Signature X</b> 	<b>FEIN#</b> 20-4246891	<b>DATE</b> 06/30/2022

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

**ADDITIONAL INFORMATION**

The West Virginia Purchasing Division is soliciting bids on behalf of WV Educational Broadcasting Authority(WVEBA) to establish an open-end contract for modular, stackable network ethernet switches that must be compatible with the current environment as outlined per the attached specifications, terms and conditions attached herein and labeled as bid documents.

**INVOICE TO****SHIP TO**

EDUCATIONAL  
BROADCASTING  
124 INDUSTRIAL PARK RD

EDUCATIONAL  
BROADCASTING  
600 CAPITOL ST

BEAVER WV  
US

CHARLESTON WV  
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	NetGear modular network switch or equal	3.00000	EA	\$4,990.54	\$14,971.62

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
XSM4396KO-10000S or equal

**INVOICE TO****SHIP TO**

EDUCATIONAL  
BROADCASTING  
124 INDUSTRIAL PARK RD

EDUCATIONAL  
BROADCASTING  
600 CAPITOL ST

BEAVER WV  
US

CHARLESTON WV  
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	NetGear 8 port module 1G/2.5G/5G/10Gbase-T or equal	24.00000	EA	\$847.64	\$20,343.36

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
APM408C or equal

INVOICE TO		SHIP TO	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER US	WV	CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	NetGear 8 port module 1G/2.5G/5G/10Gbase-T with PoE+ or equa	12.00000	EA	\$941.82	\$11,301.84

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
APM408P or equal

INVOICE TO		SHIP TO	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER US	WV	CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	NetGear 2 port module 40GBase-X QSFP+ (Fiber) or equal	6.00000	EA	\$508.61	\$3,051.66

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
APM402XL or equal



INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	NetGear QSFP+ 40GbE Transceiver Module or Equal	12.00000	EA	\$226.04	\$2,712.48

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
AXLM762 or equal

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	NetGear 8 port 10GBase-X SFP+ (Fiber) Module or equal	3.00000	EA	\$508.61	\$1,525.83

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
APM408F or equal

INVOICE TO		SHIP TO	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER US	WV	CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	NetGear SFP+ 10GbE Transceiver Module or equal	24.00000	EA	\$724.39	\$17,385.36

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
AXM762 or equal

INVOICE TO		SHIP TO	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER US	WV	CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
8	NetGear Modular Power supply of Equal	6.00000	EA	\$446.70	\$2,680.20

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
APS600W or equal

INVOICE TO		SHIP TO	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER US	WV	CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
9	Netgear 24 port 1Gb PoE+, 2 port 10GBase-T, and 2 port 10GB	8.00000	EA	\$2,099.79	\$16,798.32

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
GSM4328PB-100NES or equal

INVOICE TO		SHIP TO	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER US	WV	CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
10	NetGear Modular Power supply or Equal	8.00000	EA	\$651.99	\$5,215.92

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
APS1000W or equal

#### SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Questions are due by 4:00 p.m.	2022-06-23

	Document Phase	Document Description	Page
EBA2200000007	Draft	EBAr70136 NETWORK SWITCHES	7

#### **ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

## **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 **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 individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying 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 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 emails should have the solicitation number in the subject line.

Question Submission Deadline: Thursday June 23, 2022 @ 4:00 p.m.

Submit Questions to: Toby L Welch  
2019 Washington Street, East  
Charleston, WV 25305  
Fax: (304) 558-3970  
Email: Toby.L.Welch@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 on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through wvOASIS, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, 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. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via email. Bids submitted in paper or facsimile form must contain a signature. Bids submitted in wvOASIS are deemed to be electronically signed.

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.

**For Request for Proposal ("RFP") Responses Only:** Submission of a response to a Request for Proposal is not permitted in wvOASIS. In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal prior to the bid opening date and time identified in Section 7 below, plus N/A convenience copies of each to the Purchasing Division at the address shown below. Additionally, the Vendor should clearly identify and segregate the cost proposal from the technical proposal in a separately sealed envelope.

**Bid Delivery Address and Fax Number:**

Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130  
Fax: 304-558-3970

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

**VENDOR NAME:**

**BUYER:** Toby L Welch

**SOLICITATION NO.:** CRFQ EBA2200000007

**BID OPENING DATE:** Thursday June 30, 2022

**BID OPENING TIME:** 1:30 p.m.

**FAX NUMBER:** 304-558-3970

**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:** Thursday June 30, 2022 @ 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. ALTERNATE MODEL OR BRAND:** Unless the box below is checked, 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.

☐ This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

**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 be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: [www.state.wv.us/admin/purchase/vrc/Venpref.pdf](http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf).

**15A. RECIPROCAL PREFERENCE:** The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: [www.state.wv.us/admin/purchase/vrc/Venpref.pdf](http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf).

**16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:** For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or



minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

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

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

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

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

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

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

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

**22. WITH THE BID REQUIREMENTS:** In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

**23. EMAIL NOTIFICATION OF AWARD:** The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor ~~wv~~OASIS or the Purchasing Division's website to determine when a contract has been awarded.

**24. ISRAEL BOYCOTT CERTIFICATION:** Vendor's act of submitting a bid in response to this solicitation shall be deemed a certification from bidder to the State that bidder is not currently engaged in, and will not for the duration of the contract, engage in a boycott of Israel. This certification is required by W. Va. Code § 5A-3-63.

## **GENERAL TERMS AND CONDITIONS:**

**1. CONTRACTUAL AGREEMENT:** Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, 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:** The Initial Contract Term will be for a period of one (1) year. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

**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 delivered to the Agency and then 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. Unless otherwise specified below, renewal of this Contract is limited to three (3) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

☐ **Alternate Renewal Term** – This contract may be renewed for \_\_\_\_\_ successive \_\_\_\_\_ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

**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 of the work covered by the preceding sentence, the vendor agrees that:

☐ the contract will continue for \_\_\_\_\_ years;

☐ the contract may be renewed for \_\_\_\_\_ successive \_\_\_\_\_ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited.

Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney

General's Office (Attorney General approval is as to form only).

☐ **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:** Contract Term specified in \_\_\_\_\_

**4. AUTHORITY TO PROCEED:** Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

**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/Award Document 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 in this section must be provided to the Purchasing Division by the Vendor as specified:

☐ **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 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

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

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

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

☐ **LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

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

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**8. INSURANCE:** The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below and must include the State as an additional insured on each policy prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

☐ **Commercial General Liability Insurance** in at least an amount of: \_\_\_\_\_ per occurrence.

☐ **Automobile Liability Insurance** in at least an amount of: \_\_\_\_\_ per occurrence.

☐ **Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: \_\_\_\_\_ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

☐ **Commercial Crime and Third Party Fidelity Insurance** in an amount of: \_\_\_\_\_ per occurrence.

☐ **Cyber Liability Insurance** in an amount of: \_\_\_\_\_ per occurrence.

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

☐ **Pollution Insurance** in an amount of: \_\_\_\_\_ per occurrence.

☐ **Aircraft Liability** in an amount of: \_\_\_\_\_ per occurrence.

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Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

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

**10. [Reserved]**

**11. LIQUIDATED DAMAGES:** 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. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

☐ \_\_\_\_\_ for \_\_\_\_\_.

☐ Liquidated Damages Contained in the Specifications.

☒ Liquidated Damages Are Not Included in this Contract.

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

**13. PRICING:** The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

**14. PAYMENT IN ARREARS:** Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

**15. PAYMENT METHODS:** Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)



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

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

**18. FUNDING:** This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

**19. CANCELLATION:** The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

**20. TIME:** Time is of the essence regarding all matters of time and performance in this Contract.

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

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

**SUBCONTRACTOR COMPLIANCE:** Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

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

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

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

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

**27. ASSIGNMENT:** Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

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

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

**30. 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. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. 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.

**SUBCONTRACTOR COMPLIANCE:** Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

**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. NO DEBT CERTIFICATION:** In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

**38. 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.

**39. 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.division@wv.gov](mailto:purchasing.division@wv.gov).

**40. BACKGROUND CHECK:** In accordance with W. Va. Code § 15-2D-3, 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.

**41. 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.

- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
  1. 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
  2. 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.

**42. 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.

**43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE:** W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

**44. PROHIBITION AGAINST USED OR REFURBISHED:** Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

**45. VOID CONTRACT CLAUSES –** This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

**46. ISRAEL BOYCOTT:** Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

**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.

(Name, Title) Kevin Kumar Sales Manager

(Printed Name and Title) Kevin Kumar Sales Manager

(Address) 825 Georges Rd, 3rd Floor, North Brunswick, NJ – 08902.

(Phone Number) / (Fax Number) (732) 658-4594

(email address) kevin@aitacs.com

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

AITA Consulting Services, Inc

(Company)  Michael A Accounts Manager & Inside Sales

(Authorized Signature) (Representative Name, Title)

Michael A Accounts Manager & Inside Sales

(Printed Name and Title of Authorized Representative) (Date)

(732) 658-5164

(Phone Number) (Fax Number)

michael@aitacs.com

(Email Address)



**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ EBA22\*7**

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)*

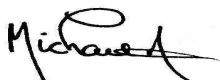
- ☐ Addendum No. 1
- ☐ Addendum No. 2
- ☐ Addendum No. 3
- ☐ Addendum No. 4
- ☐ Addendum No. 5

- ☐ Addendum No. 6
- ☐ Addendum No. 7
- ☐ Addendum No. 8
- ☐ Addendum No. 9
- ☐ 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.

AITA Consulting Services, Inc

Company



Authorized Signature

06/30/2022

Date

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

REQUEST FOR QUOTATION  
EBAr71036 Modular, Stackable Network Ethernet Switches

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**SPECIFICATIONS**

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Educational Broadcasting Authority (WVEBA) to establish an open-end contract for the purchase of modular, stackable network ethernet switches. These switches will be deployed in conjunction with Existing NetGear switches and must be able to form a switch stack with these agency-owned existing switches as outlined in this RFQ.
2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
  - 2.1 **10GBASE-LR:** 10GBase-LR transceivers have an LC port in duplex mode and rated to operate to a maximum distance of 10km Or 6.2 miles over a single mode fiber at 1310nm wavelength
  - 2.2 **10GBase-T:** Is a standard for delivering 10 Gbps connections with unshielded or shielded twisted pair cables and RJ-45 connectors, over distances up to 100 meters.
  - 2.3 **40GbE (40 Gigabit Ethernet):** a standard that enables the transfer of Ethernet frames at speeds of up to 40 gigabits per second.
  - 2.4 **40GBASE-LR4:** 40GBase-LR4 is designed for optical communication applications up to 10km. The design is compliant to 40GBASE-LR4 of the IEEE P802.3ba standard. The module converts 4 inputs channels of 10 Gbps electrical data to 4 CWDM optical signals and multiplexes them into a single channel for 40Gbps optical transmission.
  - 2.5 **Bandwidth:** the amount of data that can be transmitted in a fixed amount of time, usually expressed in bits per second(bps) or bytes per second.
  - 2.6 **Contract Item:** means network switches and associated modules as more fully described by these specifications.
  - 2.7 **GbE (Gigabit Ethernet):** a term describing various technologies for transmitting Ethernet frames at a rate of a gigabit per second (1,000,000,000 bits per second). When used with a different qualifier the rate would be a multiple of the qualifier. For example, 10 GbE would mean a transfer rate of 10 gigabits per second.
  - 2.8 **Gbps (Gigabit per second):** in data communications, a gigabit is one billion bits, or 1,000,000,000 (that is, 10<sup>9</sup>) bits. Gbps is the transference of 1 Gigabit of data between two telecommunication points in one second.

REQUEST FOR QUOTATION  
EBAr71036 Modular, Stackable Network Ethernet Switches

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- 2.9 Gigabit:** a unit of information equal to one billion ( $10^9$ ) or, strictly,  $2^{30}$  bits.
- 2.10 Hot Swappable:** ability to replace a component without shutting down a system.
- 2.11 Layer 2:** is the second layer of the seven-layer OSI model of computer networking. This layer is the protocol layer that transfers data between adjacent network nodes in a wide area network (WAN) or between nodes on the same local area network (LAN) segment.
- 2.12 Layer 3:** The third layer of the OSI Model, the network layer, is most commonly known as the layer where routing takes place. A router's main job is to get packets from one network to another.
- 2.13 Layer 4:** the fourth layer of the OSI Model, known as the transport layer. It provides the transparent transmission or transfer of data between end systems or hosts and is responsible for end-to-end error recovery, as well as flow control.
- 2.14 LC Single-Mode:** The LC connector is a small form factor (SFF) connector, which is designed to join LC fibers where a connection or disconnection is required. Single mode means the fiber enables one type of light mode to be propagated at a time.
- 2.15 Modular:** employing or involving a module or modules as the basis of design or construction. A modular network switch consists of a main unit whose hardware is configurable via the addition or subtraction of different hardware modules.
- 2.16 OSI Model:** The Open Systems Interconnection model is a conceptual model that characterizes and standardizes the communication functions of a telecommunication or computing system without regard to its underlying internal structure and technology.
- 2.17 OSPF (Open Shortest Path First):** is a routing protocol for Internet Protocol (IP) networks. It uses a link state routing (LSR) algorithm and falls into the group of interior gateway protocols (IGPs), operating within a single autonomous system (AS).
- 2.18 PoE+ (Power over Ethernet Plus):** Power over Ethernet (PoE) is a networking feature defined by the IEEE 802.3af and 802.3at standards. PoE lets Ethernet cables supply power to network devices over the existing data connection. POE Plus (POE+) extends the support for more emerging end devices with higher power requirements of up to 30W power delivery.

REQUEST FOR QUOTATION  
EBAr71036 Modular, Stackable Network Ethernet Switches

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- 2.19 Policy Based Routing:** a technique used to make routing decisions based on policies set by the network administrator. For example, a network administrator might want to forward a packet based on the source address, not the destination address.
- 2.20 Pricing Page:** means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A and used to evaluate the Solicitation responses.
- 2.21 QSFP+:** Quad (4-channel) Small Form-factor Pluggable Optics Transceiver. It is a compact, hot-pluggable fiber optical transceiver used for 40 Gigabit Ethernet (40GbE) data communications applications. It's designed according to QSFP+ multi-source agreement and IEEE802.3ab, they are usually for the application of Data center, 40G Ethernet, InfiniBand, and other communications standards.
- 2.22 RJ-45:** a type of connector commonly used for Ethernet networking. The "RJ" in RJ-45 stands for "registered jack," since it is a standardized networking interface. The "45" simply refers to the number of the interface standard. Each RJ-45 connector has eight pins, which means an RJ-45 cable contains eight separate wires.
- 2.23 Solicitation:** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
- 2.24 Stackable Switch:** a network switch that is fully functional operating standalone but which can also be set up to operate together with one or more other network switches, with this group of switches showing the characteristics of a single switch but having the port capacity of the sum of the combined switches.
- 2.25 Switch Stack:** two or more stackable switches that have been connected such that they have the characteristics of a single switch but the port capacity of the sum of the combined switches.
- 2.26 Switching Fabric:** the combination of hardware and software that moves data coming in to a network node out by the correct port (door) to the next node in the network. Switching fabric includes the switching units (individual boxes) in a node, the integrated circuits that they contain, and the programming that allows switching paths to be controlled.
- 2.27 TBPS (TeraBits Per Second):** a measurement of data transfer speed equaling one trillion bits per second.

**3. GENERAL REQUIREMENTS:**

REQUEST FOR QUOTATION  
EBAr71036 Modular, Stackable Network Ethernet Switches

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**3.1 Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.

**3.1.1 Item 1 – NetGear M4300-96x modular network switch (Manufacturer’s part number XSM4396K0-10000S), or Equal.** This item must have the following features and specifications or better:

**3.1.1.1** Must be modular:

**3.1.1.1.1** Must have the capacity for a minimum of twelve (12) hardware modules

**3.1.1.1.2** GbE modules must be available to purchase for the quoted unit

**3.1.1.1.3** 10Gbase-T modules must be available to purchase for the quoted unit

**3.1.1.1.4** 40GbE modules must be available to purchase for the quoted unit

**3.1.1.1.5** Must not include modules, including power supplies

**3.1.1.2** Must be Stackable

**3.1.1.2.1** Must be able to establish a stack with existing Agency NetGear M4300-96x switches

**3.1.1.2.2** Must be capable of combining a minimum of eight (8) compatible switches into a stack

**3.1.1.2.3** Stack of eight (8) switches must have a minimum capacity of (384) Gigabit ports, 768 10 Gigabit ports, 192 40 Gigabit ports, and support a mixture of these ports

**3.1.1.2.4** Must be stackable with a minimum of the following existing agency-owned switches: the NetGear M4300-24x ProSafe switch, the Netgear fully managed M4300-28G-PoE+ switch, and the NetGear M4300-12x12F ProSafe switch

**3.1.1.3** Must include Layer 2, Layer 3, and Layer 4 features and functionality including but not limited to Policy Based Routing and OSPF

**3.1.1.4** Must have a switching fabric rated at 1.920 Tbps or higher

**3.1.1.5** Must have a minimum of two hot swappable redundant power supplies

REQUEST FOR QUOTATION  
**EBAr71036 Modular, Stackable Network Ethernet Switches**

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**3.1.2 Item 2 – NetGear 8 Port 100M/1G/2.5G/5G/10Gbase-T Module for NetGear M4300-96x switch (Manufacturer’s part number APM408C), or Equal.** This item must have the following minimum features and specifications:

**3.1.2.1** Must be certified by the switch manufacturer to be compatible with Item 1, modular network switch

**3.1.2.2** Must have a minimum of eight (8) ports supporting but not limited to 1 GbE, 2.5 GbE, 5 GbE, and 10 Gbase-T connectivity

REQUEST FOR QUOTATION  
**EBA71036 Modular, Stackable Network Ethernet Switches**

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**3.1.3 Item 3 – NetGear 8 Port 100M/1G/2.5G/5G/10Gbase-T Module with PoE+ for NetGear M4300-96x switch (Manufacturer’s part number APM408P), or Equal.** This item must have the following minimum features and specifications:

- 3.1.3.1** Must be certified by the switch manufacturer to be compatible with Item 1, modular network switch
- 3.1.3.2** Must have a minimum of eight (8) ports supporting but not limited to 1 GbE, 2.5 GbE, 5 GbE, and 10 Gbase-T connectivity
- 3.1.3.3** Must provide power over ethernet (PoE+) with a minimum of 30 watts per port

**3.1.4 Item 4 – NetGear APM402XL 2 port 40GBase-X QSFP+ (Fiber) Module for NetGear M4300-96x switch (Manufacturer’s part number APM408P), or Equal.** This item must have the following minimum features and specifications:

- 3.1.4.1** Must be certified by the switch manufacturer to be compatible with Item 1, modular network switch
- 3.1.4.2** Must have a minimum of two (2) female 40GBase-X QSFP+ ports
- 3.1.4.3** Must accept QSFP+ fiber modules providing 40GbE connectivity as specified in section 3.1.5, Item-5

**3.1.5 Item 5 – NetGear AXLM762 QSFP+ Transceiver Module for NetGear 2 port 40GbE Module (Manufacturer’s part number APM402XL), or Equal.** This item must have the following minimum features and specifications:

- 3.1.5.1** Must be certified by the switch manufacturer to be compatible with Item 4, modular 2-port 40GbE module
- 3.1.5.2** Must be a QSFP+ transceiver module
- 3.1.5.3** Must use LC single-mode fiber connections
- 3.1.5.4** Must have a minimum transfer distance of 6.2 miles
- 3.1.5.5** Must provide 40GbE connectivity
- 3.1.5.6** Must use 40GBase-LR4 cabling

**3.1.6 Item 6 – NetGear APM408F 8 port 10GBase-X SFP+ (Fiber) Module for NetGear M4300-96x switch (Manufacturer’s part number APM408P), or Equal.** This item must have the following minimum features and specifications:

- 3.1.6.1** Must be certified by the switch manufacturer to be compatible with Item 1, modular network switch

REQUEST FOR QUOTATION  
**EBAr71036 Modular, Stackable Network Ethernet Switches**

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- 3.1.6.2 Must have a minimum of eight (8) ports supporting but not limited to 1 GbE, 2.5 GbE, 5 GbE, and 10 GbE connectivity
- 3.1.6.3 Must accept SFP+ fiber modules providing 10GbE connectivity as specified in section 3.1.7, Item-7
- 3.1.7 **Item 7 – NetGear AXM762 SFP+ Transceiver Module for NetGear 8 port 10GbE Module (Manufacturer’s part number APM408F), or Equal.** This item must have the following minimum features and specifications:
  - 3.1.7.1 Must be certified by the switch manufacturer to be compatible with Item 6, modular 8-port 10GbE module
  - 3.1.7.2 Must be a SFP+ transceiver module
  - 3.1.7.3 Must have a minimum transfer distance of 6.2 miles
  - 3.1.7.4 Must provide 10GbE connectivity
  - 3.1.7.5 Must use 10GBase-LR cabling
- 3.1.8 **Item 8 - NetGear Modular 600-watt AC Power Supply Unit for M4300-96x switch (Manufacturer’s part number APS600W), or Equal.** This item must have the following minimum features and specifications:
  - 3.1.8.1 Must be certified by the switch manufacturer to be compatible with Item 1, modular network switch
  - 3.1.8.2 Must be hot swappable
  - 3.1.8.3 Must have a minimum of 600 watts output power with 110/220-volt AC input
- 3.1.9 **Item 9 - NetGear Fully Managed M4300-28G-PoE+ Switch (Manufacturer’s part number GSM4328PB-100NES), or Equal.** This item must have the following minimum features and specifications:
  - 3.1.9.1 Must have a minimum of twenty-four (24) 10M/100M/1G PoE+ ports
  - 3.1.9.2 Must have a minimum of two (2) 100M/1G/10G copper Ethernet ports
  - 3.1.9.3 Must have a minimum of two (2) 1G/10G SFP+ ports
  - 3.1.9.4 Must be Stackable
    - 3.1.9.4.1 Must be capable of combining a minimum of eight (8) compatible switches into a stack
    - 3.1.9.4.2 Must be stackable with a minimum of the following existing agency-owned switches: the NetGear M4300-96x switch (Item 1) and the NetGear M4300-12x12F ProSafe switch
  - 3.1.9.5 Must include Layer 2 and Layer 3 features and functionality including but not limited to Policy Based Routing and OSPF



REQUEST FOR QUOTATION  
**EBAr71036 Modular, Stackable Network Ethernet Switches**

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**3.1.9.6 Must use modular PSUs (Power Supply Units)**

**3.1.9.6.1** Must include one 1000-watt PSU module (manufacturer part number APS1000W or equal)

**3.1.9.6.2** Must provide a minimum of 630 watts of power to PoE+ ports

**3.1.10 Item 10 – NetGear 1000W Modular Power Supply Unit for M4300 series (PoE PB model) switches (Manufacturer’s part number APS1000W), or Equal.** This item must have the following minimum features and specifications:

**3.1.10.1** Must be certified by the switch manufacturer to be compatible with Item 9, fully managed network switch

**3.1.10.2** Must have a minimum of 640 watts output power with 110/220-volt AC input

**4. CONTRACT AWARD:**

**4.1 Contract Award:** The Contract is intended to provide the WVEBA with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall Total Bid Amount as shown on the Pricing Pages. The total cost shall be the total cost of Item 1, Item 2, and Item 3 as calculated on the Pricing Page.

**4.2 Pricing Page:** Vendor should complete the Pricing Page (**Exhibit A**) by filling in the indicated information. 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.

The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address: [Toby.L.Welch@wv.gov](mailto:Toby.L.Welch@wv.gov).

**5. PAYMENT:**

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

REQUEST FOR QUOTATION  
EBAr71036 Modular, Stackable Network Ethernet Switches

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**6. DELIVERY AND RETURN:**

- 6.1 Delivery Time:** Vendor shall deliver standard orders within fifteen (15) working days after orders are received. Vendor shall deliver emergency orders within three (3) working day(s) after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

Contract Items must be delivered to;  
WVEBA at 600 Capitol St, Charleston, WV 25301.

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

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

- 6.3 Delivery Payment/Risk of Loss:** Vendor shall deliver the Contract Items F.O.B. destination to the WVEBA's location.
- 6.4 Return of Unacceptable Items:** If the WVEBA deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable or permit the WVEBA to arrange for the return and reimburse the WVEBA for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the WVEBA with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the WVEBA's location. The returned product shall either be replaced, or the WVEBA shall receive a full credit or refund for the purchase price, at the WVEBA's discretion.
- 6.5 Return Due to WVEBA Error:** Items ordered in error by the WVEBA will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

**7 VENDOR DEFAULT:**

REQUEST FOR QUOTATION  
EBAr71036 Modular, Stackable Network Ethernet Switches

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

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

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

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

**7.1.4** Failure to remedy deficient performance upon request.

**7.2** The following remedies shall be available to the WVEBA upon default.

**7.2.1** Immediate cancellation of the Contract.

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

**7.2.3** Any other remedies available in law or equity.

**8 MISCELLANEOUS:**

**8.1 No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

**8.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

REQUEST FOR QUOTATION  
**EBAr71036 Modular, Stackable Network Ethernet Switches**

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**8.3 Reports:** Vendor shall provide quarterly reports and annual summaries to Agency showing Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.

**8.4 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:** Kevin Kumar  
**Telephone Number:** (732) 658-4594  
**Fax Number:** (732) 960-6819  
**Email Address:** kevin@aitacs.com

**Exhibit A, Pricing Page**  
**EBAr71036, Modular, Stackable Network Switches**

Item	Description	Part Number	Brand Vendor Providing	Part Number Vendor Bidding	Unit of Measure	Estimated Qty	Unit Cost	Extended Cost
1	NetGear modular network switch or equal	XSM4396KO-10000S or equal			each	3	<b>\$4,990.54</b>	\$ <b>\$14,971.62</b> -
2	NetGear 8 port module 1G/2.5G/5G/10Gbase-T or equal	APM408C or equal			each	24	<b>\$4,990.54</b>	\$ <b>\$14,971.62</b> -
3	NetGear 8 port module 1G/2.5G/5G/10Gbase-T with PoE+ or equal	APM408P or equal			each	12	<b>\$941.82</b>	\$ <b>\$11,301.84</b> -
4	NetGear 2 port module 40GBase-X QSFP+ (Fiber) or equal	APM402XL or equal			each	6	<b>\$508.61</b>	\$ <b>\$3,051.66</b> -
5	NetGear QSFP+ 40GbE Transceiver Module or Equal	AXLM762 or equal			each	12	<b>\$226.04</b>	\$ <b>\$2,712.48</b> -
6	NetGear 8 port 10GBase-X SFP+ (Fiber) Module or equal	APM408F or equal			each	3	<b>\$508.61</b>	\$ <b>\$1,525.83</b> -
7	NetGear SFP+ 10GbE Transceiver Module or equal	AXM762 or equal			each	24	<b>\$508.61</b>	\$ <b>\$1,525.83</b> -
8	NetGear Modular Power supply of Equal	APS600W or equal			each	6	<b>\$508.61</b>	\$ <b>\$1,525.83</b> -
9	Netgear 24 port 1Gb PoE+, 2 port 10GBase-T, and 2 port 10GBase-X managed switch or equal	GSM4328PB-100NES or equal			each	8	<b>\$2,099.79</b>	\$ <b>\$16,798.32</b> -
10	NetGear Modular Power supply or Equal	APS1000W or equal			each	8	<b>\$651.99</b>	\$ <b>\$5,215.92</b> -

**Total Bid Amount:** \$ -

**Exhibit A, Pricing Page**  
**EBAr71036, Modular, Stackable Network Switches**

Item	Description	Part Number	Brand Vendor Providing	Part Number Vendor Bidding	Unit of Measure	Req. Qty.	Unit Cost	Extended Cost
1	NetGear modular network switch or equal	XSM4396KO-10000S or equal			each	3	\$4,990.54	\$14,971.62
2	NetGear 8 port module 1G/2.5G/5G/10Gbase-T or equal	APM408C or equal			each	24	\$847.64	\$20,343.36
3	NetGear 8 port module 1G/2.5G/5G/10Gbase-T with PoE+ or equal	APM408P or equal			each	12	\$941.82	\$11,301.84
4	NetGear 2 port module 40GBase-X QSFP+ (Fiber) or equal	APM402XL or equal			each	6	\$508.61	\$3,051.66
5	NetGear QSFP+ 40GbE Transceiver Module or Equal	AXLM762 or equal			each	12	\$226.04	\$2,712.48
6	NetGear 8 port 10GBase-X SFP+ (Fiber) Module or equal	APM408F or equal			each	3	\$508.61	\$1,525.83
7	NetGear SFP+ 10GbE Transceiver Module or equal	AXM762 or equal			each	24	\$724.39	\$17,385.36
8	NetGear Modular Power supply of Equal	APS600W or equal			each	6	\$446.70	\$2,680.20
9	Netgear 24 port 1Gb PoE+, 2 port 10GBase-T, and 2 port 10GBase-X managed switch or equal	GSM4328PB-100NES or equal			each	8	\$2,099.79	\$16,798.32
10	NetGear Modular Power supply or Equal	APS1000W or equal			each	8	\$651.99	\$5,215.92

**Total Bid Amount:**

**\$95,986.59**



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

State of West Virginia  
Centralized Request for Quote  
Info Technology

**Proc Folder:** 1061144  
**Doc Description:** EBAr70136 NETWORK SWITCHES

**Reason for Modification:**

**Proc Type:** Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2022-06-15	2022-06-30 13:30	CRFQ 0439 EBA2200000007	1

**BID RECEIVING LOCATION**

BID CLERK  
DEPARTMENT OF ADMINISTRATION  
PURCHASING DIVISION  
2019 WASHINGTON ST E  
CHARLESTON WV 25305  
US

**VENDOR**

**Vendor Customer Code:** VS0000009159

**Vendor Name :** AITA Consulting Services, Inc

**Address :** 825 Georges Rd, 3rd Floor, North Brunswick, NJ – 08902.

**Street :** 825 Georges Rd, 3rd Floor,

**City :** North Brunswick

**State :** NJ

**Country :** U.S

**Zip :** 08902

**Principal Contact :** Kevin Kumar

**Vendor Contact Phone:** (732) 658-4594

**Extension:**

**FOR INFORMATION CONTACT THE BUYER**

Toby L Welch  
(304) 558-8802  
toby.l.welch@wv.gov

**Vendor  
Signature X**

20-4246891  
**FEIN#**

06/30/2022  
**DATE**

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

**ADDITIONAL INFORMATION**

The West Virginia Purchasing Division is soliciting bids on behalf of WV Educational Broadcasting Authority(WVEBA) to establish an open-end contract for modular, stackable network ethernet switches that must be compatible with the current environment as outlined per the attached specifications, terms and conditions attached herein and labeled as bid documents.

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	NetGear modular network switch or equal	3.00000	EA	\$4,990.54	\$14,971.62

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
XSM4396KO-10000S or equal

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	NetGear 8 port module 1G/2.5G/5G/10Gbase-T or equal	24.00000	EA	\$847.64	\$20,343.36

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
APM408C or equal



INVOICE TO		SHIP TO	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER US	WV	CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	NetGear 8 port module 1G/2.5G/5G/10Gbase-T with PoE+ or equa	12.00000	EA	\$941.82	\$11,301.84

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**

APM408P or equal

INVOICE TO		SHIP TO	
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD		EDUCATIONAL BROADCASTING 600 CAPITOL ST	
BEAVER US	WV	CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	NetGear 2 port module 40GBase-X QSFP+ (Fiber) or equal	6.00000	EA	\$508.61	\$3,051.66

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**

APM402XL or equal

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	NetGear QSFP+ 40GbE Transceiver Module or Equal	12.00000	EA	\$226.04	\$2,712.48

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**

AXLM762 or equal

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	NetGear 8 port 10GBase-X SFP+ (Fiber) Module or equal	3.00000	EA	\$508.61	\$1,525.83

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**

APM408F or equal

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	NetGear SFP+ 10GbE Transceiver Module or equal	24.00000	EA	\$724.39	\$17,385.36

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**

AXM762 or equal

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
8	NetGear Modular Power supply of Equal	6.00000	EA	\$446.70	\$2,680.20

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**

APS600W or equal

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
9	Netgear 24 port 1Gb PoE+, 2 port 10GBase-T, and 2 port 10GB	8.00000	EA	\$2,099.79	\$16,798.32

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
GSM4328PB-100NES or equal

INVOICE TO				SHIP TO			
EDUCATIONAL BROADCASTING 124 INDUSTRIAL PARK RD				EDUCATIONAL BROADCASTING 600 CAPITOL ST			
BEAVER		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
10	NetGear Modular Power supply or Equal	8.00000	EA	\$651.99	\$5,215.92

Comm Code	Manufacturer	Specification	Model #
43222612	Netgear		

**Extended Description:**  
APS1000W or equal

#### SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Questions are due by 4:00 p.m.	2022-06-23

	Document Phase	Document Description	Page 7
EBA2200000007	Final	EBAr70136 NETWORK SWITCHES	

**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions



## AITA Technologies

(A Aita Consulting Services, Inc. Company)

A Woman and Minority owned Small Business

825 Georges Rd, 3rd Floor, North Brunswick, NJ – 08902

## Quotation

Date:06/30/2022

WOSB	M/WBE	SBE	ISO 9001
FEIN: 20-4246891	DUNS: 025425934	CAGE: 5A1Z3	SAM Registered

AITA Quote#: **MAQ0345** RFQ#: **CRFQ-0439-EBA2200000007-1**

To  
**Toby L Welch**  
Purchasing Officer  
WV EDUCATIONAL BROADCASTING  
AUTHORITY  
Phone: (304) 558-8802  
Email: [toby.l.welch@wv.gov](mailto:toby.l.welch@wv.gov)

From  
**Michael A**  
Sales Executive  
Phone: (908) 818-1239  
Fax: (732) 960-6819  
Email: [michael@aitacs.com](mailto:michael@aitacs.com)

Sno	Part#	Description	Qty	Unit Price	Ext Price
1	XSM4396K0-10000S	M4300-96X MODULAR MANAGED PERP SWITCH EMPTY VERSION XSM4396K0	3	\$4,990.54	\$14,971.62
2	APM408C-10000S	8X100M 1G 2.5G 5G 10GBASE-T CPNT PORT CARD APM408C	24	\$847.64	\$20,343.36
3	APM408P-10000S	8X100M 1G 2.5G 5G 10GBASE-T CPNT POE+ PORT CARD APM408P	12	\$941.82	\$11,301.84
4	APM402XL-10000S	2X40GBASE-X QSFP+ PORT CARD CTRLR APM402XL	6	\$508.61	\$3,051.66
5	AXLM762-10000S	40GBASE-LR4 SMF DUPLEX LC QSFP+PERP TRANSCEIVER	12	\$226.04	\$2,712.48
6	APM408F-10000S	8X1G 10GBASE-X SFP+ PORT CARD CTRLR APM408F	3	\$508.61	\$1,525.83
7	AXM762-10000S	10GE LR SFP+ MODULE CPNT	24	\$724.39	\$17,385.36
8	APS600W-100NES	600W POWER SUPPLY UNIT APS600W PWR	6	\$446.70	\$2,680.20
9	GSM4328PB-100NES	M4300-28G-POE+ MANAGED SWITCH PERP WITH 1000W PSU	8	\$2,099.79	\$16,798.32
10	APS1000W-100NES	PROSAFE POWER MODULE FOR CPNT RPS4000	8	\$651.99	\$5,215.92
Sub Total					\$95,986.59
Tax					\$0.00
<b>Total</b>					<b>\$95,986.59</b>

### Comments

- FOB - Destination.
- Payment terms are Net 30.
- Estimated delivery is within 30 business days ARO.
- Standard manufacturer warranty.
- Quote Validity - 07/22/2022

If you have any questions, or need any changes in the configuration, please contact me.

Thanks,

Michael A

Sales Executive

Phone: (908) 818-1239

Fax: (732) 960-6819

Email: [michael@aitacs.com](mailto:michael@aitacs.com) || Website: [www.aitatechnologies.com](http://www.aitatechnologies.com)

**Netgear M4300 96G Managed Switch -Empty; No  
Modules or PSU - Manageable - 3 Layer Supported -  
Modular - 2U High - Rack-mountable - Lifetime  
Limited Warranty SWITCH EMPTY VERSION  
XSM4396K0**

**PN: XSM4396K0-10000S**



**Description**

Netgear M4300 96G Managed Switch -Empty; No Modules or PSU - Manageable - 3 Layer Supported - Modular - 2U High - Rack-mountable - Lifetime Limited Warranty SWITCH EMPTY VERSION XSM4396K0

The NETGEAR M4300-96X is a modular switch supporting up to 96-port 10G, 24-port 40G, or a combination. The M4300 family provides world-class Layer 3 services for server and



storage interconnect, mid-enterprise edge and SMB core. SDVoE-Ready, M4300 switches streamline AV-over-IP deployments with Zero Touch multicast.

## Features

- 12 empty slots in 2RU for 8x10G or 2x40G port expansion cards (no PSU)
- 1.92Tbps non-blocking fabric for 96x10G or 24x40G or a combination
- Innovative ""Spine and Leaf"" 1G/10G/40G mixed stacking with NSF
- Zero Touch AV-over-IP with pre-configured L2 Multicast (SDVoE-ready)
- Advanced Layer 2/Layer 3/and Layer 4/feature set-no license required
- ProSAFE LIFETIME Limited Warranty/NBD Replacement/Online support

Technical Specs	
<b>Interfaces/Ports</b>	
Modular	Yes
<b>Management &amp; Protocols</b>	
Manageable	Yes
<b>Miscellaneous</b>	
Country of Origin	China
<b>General Information</b>	
Product Type	Switch Chassis
Manufacturer Part Number	XSM4396K0-10000S
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	M4300-96X
Product Name	M4300-96X Switch Chassis
Product Series	M4300
Brand Name	Netgear
<b>Network &amp; Communication</b>	
Layer Supported	3
<b>Media &amp; Performance</b>	
Network Technology	10GBase-X
Ethernet Technology	10 Gigabit Ethernet
<b>Power Description</b>	
Power Source	Power Supply
Redundant Power Supply Supported	Yes
<b>Physical Characteristics</b>	
Weight (Approximate)	35.27 lb
Form Factor	Rack-mountable
Height	3.5"
Width	21.1"
Depth	17.3"
Compatible Rack Unit	2U

**Netgear 8x100M/1G/2.5G/5G/10GBASE-T Port Card -**  
**For Data Networking - 8 x RJ-45 10GBase-T LAN -**  
**Twisted Pair10 Gigabit Ethernet - 10GBase-T PORT**  
**CARD APM408C**

PN: APM408C-10000S



**Description**

Netgear 8x100M/1G/2.5G/5G/10GBASE-T Port Card - For Data Networking - 8 x RJ-45 10GBase-T LAN - Twisted Pair10 Gigabit Ethernet - 10GBase-T PORT CARD APM408C

**Features**

- Port card with 8-port 100M/1G/2.5G/5G/10GBASE-T (copper RJ45)
- Fits into one front slot of M4300-96X Modular Managed Switch
- M4300-96X offer 12 slots in 2RU for 8x10G or 2x40G port cards
- Multi-Gigabit 2.5G and 5G up to 100 meters on CAT5E or CAT6

- Adds 8 ports of 10 Gigabit Copper (10GBASE-T) RJ-45
- ProSAFE LIFETIME Limited Warranty/NBD Replacement/Online Support

Technical Specs	
<b>Physical Characteristics</b>	
Weight (Approximate)	0.81 lb
<b>Technical Information</b>	
Application/Usage	Data Networking
<b>General Information</b>	
Product Type	Expansion Module
Manufacturer Part Number	APM408C-10000S
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	APM408C
Product Name	8x100M/1G/2.5G/5G/10GBASE-T Port Card
Brand Name	Netgear
<b>Miscellaneous</b>	
Compatibility	Netgear M4300-96X Stackable and Modular Managed Switch
Country of Origin	China
<b>Media &amp; Performance</b>	
Network Technology	10GBase-T
Ethernet Technology	10 Gigabit Ethernet
Media Type Supported	Twisted Pair
<b>Interfaces/Ports</b>	
Interfaces/Ports Details	8 x RJ-45 10GBase-T LAN
Connector Type	RJ-45
	RJ-45
Total Number of Ports	8

**Netgear 8x100M/1G/2.5G/5G/10GBASE-T PoE+ Port Card - For Data Networking - 8 x RJ-45 10GBase-T LAN - Twisted Pair10 Gigabit Ethernet - 10GBase-T POE+ PORT CARD APM408P**

**PN: APM408P-10000S**



**Description**

Netgear 8x100M/1G/2.5G/5G/10GBASE-T PoE+ Port Card - For Data Networking - 8 x RJ-45 10GBase-T LAN - Twisted Pair10 Gigabit Ethernet - 10GBase-T POE+ PORT CARD APM408P

**Features**

- Port card with 8-port 100M/1G/2.5G/5G/10GBASE-T PoE+
- Fits into one front slot of M4300-96X Modular Managed Switch
- M4300-96X offer 12 slots in 2RU for 8x10G or 2x40G port cards

- PoE is supported up to 48 x 10G PoE+ 30W per system (first 6 slots)
- 1440 W PoE Budget with 2 x APS1200W shared PSUs
- ProSAFE LIFETIME Limited Warranty/NBD Replacement/Online Support

Technical Specs	
<b>Physical Characteristics</b>	
Weight (Approximate)	0.95 lb
<b>Technical Information</b>	
Application/Usage	Data Networking
<b>General Information</b>	
Product Type	Expansion Module
Manufacturer Part Number	APM408P-10000S
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	APM408P
Product Name	8x100M/1G/2.5G/5G/10GBASE-T PoE+ Port Card
Brand Name	Netgear
<b>Miscellaneous</b>	
Compatibility	Netgear M4300-96X Stackable and Modular Managed Switch
Country of Origin	China
<b>Media &amp; Performance</b>	
Network Technology	10GBase-T
Ethernet Technology	10 Gigabit Ethernet
Media Type Supported	Twisted Pair
<b>Interfaces/Ports</b>	
Interfaces/Ports Details	8 x RJ-45 10GBase-T LAN
Connector Type	RJ-45
	RJ-45
Total Number of Ports	8

**Netgear 2x40G QSFP+ Port Card - For Data**  
**Networking, Optical NetworkOptical Fiber40 Gigabit**  
**Ethernet - 40GBase-X2 x Expansion Slots - QSFP+**  
**APM402XL**

PN: APM402XL-10000S



**Description**

Netgear 2x40G QSFP+ Port Card - For Data Networking, Optical NetworkOptical Fiber40  
Gigabit Ethernet - 40GBase-X2 x Expansion Slots - QSFP+ APM402XL

Technical Specs	
<b>Physical Characteristics</b>	
Weight (Approximate)	0.66 lb
<b>I/O Expansions</b>	
Expansion Slot Type	QSFP+
Number of Total Expansion Slots	2
<b>General Information</b>	
Product Type	Expansion Module
Manufacturer Part Number	APM402XL-10000S
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	APM402XL
Product Name	2x40G QSFP+ Port Card
Brand Name	Netgear
<b>Miscellaneous</b>	
Compatibility	Netgear M4300-96X Stackable and Modular Managed Switch
Country of Origin	China
<b>Technical Information</b>	
Application/Usage	Data Networking
	Optical Network
<b>Media &amp; Performance</b>	
Network Technology	40GBase-X
Ethernet Technology	40 Gigabit Ethernet
Media Type Supported	Optical Fiber

**Netgear 40GBASE-LR4 SMF Duplex LC QSFP+**  
**Transceiver (AXLM762) - For Data Networking, Optical**  
**Network - 1 x LC Duplex 40GBase-LR4 Network -**  
**Optical Fiber - 9/125  $\mu$ m - Single-mode - 40 Gigabit**  
**Ethernet - 40GBase-LR4 TRANSCEIVER**

PN: AXLM762-10000S



**Description**

Netgear 40GBASE-LR4 SMF Duplex LC QSFP+ Transceiver (AXLM762) - For Data Networking, Optical Network - 1 x LC Duplex 40GBase-LR4 Network - Optical Fiber - 9/125  $\mu$ m - Single-mode - 40 Gigabit Ethernet - 40GBase-LR4 TRANSCEIVER

The NETGEAR 40GBASE-LR4 SMF Duplex LC QSFP+ Transceiver (AXLM762) is compatible with select Managed Switches such as M4500-32C (CSM4532), M4500-48XF8C (XSM4556) and M4300-96X (APM402XL port cards). With its LC connector, the AXLM762 can drive 40 Gigabit Ethernet across 1 standard duplex SMF link (9/125 $\mu$ m) up to 10 kilometers or 6.2 miles.



Technical Specs	
<b>Physical Characteristics</b>	
Weight (Approximate)	0.11 lb
<b>Miscellaneous</b>	
Compatibility	<b>Netgear Managed Switches:</b>
	M4500-32C
	M4500-48XF8C
	M4300-96X
Country of Origin	China
<b>Technical Information</b>	
Application/Usage	Optical Network
	Data Networking
<b>Media &amp; Performance</b>	
Network Technology	40GBase-LR4
Fiber Optic Cable Standard	9/125 $\mu$ m
Ethernet Technology	40 Gigabit Ethernet
Media Type Supported	Optical Fiber
Fiber Mode Supported	Single-mode
<b>Interfaces/Ports</b>	
Interfaces/Ports Details	1 x LC Duplex 40GBase-LR4 Network
Connector Type	LC
	LC
Total Number of Ports	1
<b>General Information</b>	
Product Type	QSFP+
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	AXLM762-10000S
Product Name	40GBASE-LR4 SMF Duplex LC QSFP+ Transceiver (AXLM762)
Brand Name	Netgear

**Netgear 8x1G/10G SFP+ Port Card - For Data**  
**Networking, Optical NetworkOptical Fiber10 Gigabit**  
**Ethernet - 10GBase-X8 x Expansion Slots - SFP+**  
**APM408F**

PN: APM408F-10000S



**Description**

Netgear 8x1G/10G SFP+ Port Card - For Data Networking, Optical NetworkOptical Fiber10  
Gigabit Ethernet - 10GBase-X8 x Expansion Slots - SFP+ APM408F

**Features**

- Port card with 8-port 1G/10GBASE-X SFP+ (fiber)
- Fits into one front slot of M4300-96X Modular Managed Switch
- M4300-96X offer 12 slots in 2RU for 8x10G or 2x40G port cards
- Supports 1 Gigabit speed (1 Gigabit SFP transceivers)

- APM408F allows hot plug swap with same APM408F model
- ProSAFE LIFETIME Limited Warranty/NBD Replacement/Online support

Technical Specs	
<b>Physical Characteristics</b>	
Weight (Approximate)	0.67 lb
<b>I/O Expansions</b>	
Expansion Slot Type	SFP+
Number of Total Expansion Slots	8
<b>General Information</b>	
Product Type	Expansion Module
Manufacturer Part Number	APM408F-10000S
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	APM408F
Product Name	8x1G/10G SFP+ Port Card
Brand Name	Netgear
<b>Miscellaneous</b>	
Compatibility	Netgear M4300-96X Stackable and Modular Managed Switch
Country of Origin	China
<b>Technical Information</b>	
Application/Usage	Data Networking
	Optical Network
<b>Media &amp; Performance</b>	
Network Technology	10GBase-X
Ethernet Technology	10 Gigabit Ethernet
Media Type Supported	Optical Fiber

# Netgear ProSafe AXM762 10GBASE-LR SFP+ - 1 x 10GBase-LR10

PN: AXM762-10000S



## Description

Netgear ProSafe AXM762 10GBASE-LR SFP+ - 1 x 10GBase-LR10

Technical Specs	
Miscellaneous	
Compatibility	ProSafe GSM7352S Gigabit Layer 3 Stackable Switch
General Information	
Product Type	XFP
Manufacturer Part Number	AXM762-10000S
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	AXM762
Product Name	ProSafe AXM762 10GBASE-LR SFP+
Product Line	ProSafe
Brand Name	Netgear
Technical Information	
Application/Usage	Data Networking

<b>Interfaces/Ports</b>	
Interfaces/Ports Details	1 x 10GBase-LR
Total Number of Ports	1
<b>Media &amp; Performance</b>	
Network Technology	10GBase-LR
Maximum Data Transfer Rate	10
Ethernet Technology	10 Gigabit Ethernet
Media Type Supported	Optical Fiber
Fiber Mode Supported	Single-mode

## **Netgear Power Supply - 120 V AC, 230 V AC Input - 600 W**

**PN: APS600W-100NES**



### **Description**

Netgear Power Supply - 120 V AC, 230 V AC Input - 600 W

Compatible with M4300-96X models (XSM4396K0, XSM4396K1). The NETGEAR M4300-96X is a 2RU modular switch that comes either empty or pre-populated with 48 SFP+ ports and supporting up to 96-port 10GBASE-T copper (RJ-45) with first 48 ports capable of PoE+, 96-port 10GBASE-X fiber (SFP+), 24-port 40GBASE-X fiber (QSFP+), or a combination. The M4300 family provides world-class services for server and storage interconnect, mid-enterprise edge and SMB core. SDVoE-Ready, M4300 switches streamline AV-over-IP deployments with Zero Touch multicast. Layer 3 feature set includes static, policy-based and dynamic routing as standard. M4300-96X is backed by NETGEAR ProSAFE Lifetime Limited Warranty and 24/7 support including lifetime chat.

### **Features**

- 1 Power supply unit for M4300-96X (non-PoE applications)
- C14 connector for 110V-240V AC power input
- Up to 600 W output power at 110/220V AC in
- Two slots available in M4300-96X for PSU units
- 1084 W PoE Budget with APS600W + APS1200W shared PSUs
- Backed by a NETGEAR limited 5-year Hardware Warranty

Technical Specs	
Miscellaneous	
Country of Origin	China
Power Description	
Input Voltage	230 V AC
	120 V AC
	230 V AC
	120 V AC
Output Power	600 W
General Information	
Product Type	Power Supply
Manufacturer Part Number	APS600W-100NES
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Name	Power Supply
Brand Name	Netgear

**Netgear M4300 24x1G PoE+ Stackable Managed Switch with 2x10GBASE-T and 2xSFP+ (1000W PSU) - 26 Ports - Manageable - Gigabit Ethernet, 10 Gigabit Ethernet - 10GBase-T, 1000Base-T, 10GBase-X - 3 Layer Supported - Modular - Optical Fiber, Twisted Pair - 1U High - Rack-mountable WITH 1000W PSU**

**PN: GSM4328PB-100NES**



**Description**

Netgear M4300 24x1G PoE+ Stackable Managed Switch with 2x10GBASE-T and 2xSFP+ (1000W PSU) - 26 Ports - Manageable - Gigabit Ethernet, 10 Gigabit Ethernet - 10GBase-T, 1000Base-T, 10GBase-X - 3 Layer Supported - Modular - Optical Fiber, Twisted Pair - 1U High - Rack-mountable WITH 1000W PSU

The NETGEAR M4300 Stackable Switch Series delivers L2/L3/L4 and IPv4/IPv6 cost-effective services for mid-enterprise edge with full PoE+ and SMB core deployments with unrivalled ease of use: 10 Gigabit models can seamlessly stack with 1 Gigabit models within the series, enabling spine and leaf line-rate stacking topologies. Non-stop forwarding (NSF) virtual chassis architectures provide advanced High Availability (HA) with hitless failover across the stack. Dual redundant, modular power supplies equipping full width models contribute to business continuity management. Layer 3 feature set includes static, dynamic and policy-based routing - as standard. Perfect for wireless access, unified communications and IP



video, the NETGEAR M4300 Switch Series is also ready for the future, with Software-defined Network (SDN) and OpenFlow 1.3 enabled for your network.

### **Best-in-class stacking**

- M4300 is flexible enough for mixed stacking between 10 Gigabit and 1 Gigabit models, using any 10G port with any media type (RJ45, SFP+, DAC cables)
- High-availability is another key differentiator for stackable solutions: in case of a master switch failure, NSF and hitless failover ensure the standby switch takes over while forwarding plane continues to forward traffic on the operational stack members without any service interruption

### **Higher flexibility**

- Two half-width M4300 switches can be paired in a single rack space for redundant Top of Rack installations with Auto-iSCSI prioritization
- 10 Gigabit ports are all independent and 1G backward compatible for progressive transition to 10G speeds

### **Lower complexity**

- Entire feature set including L2 switching (multi-tiered access control) and L3 routing (static, RIP, OSPF, VRRP, PIM, PBR) is available without license
- DHCP/BootP innovative auto-installation including firmware and configuration file upload automation

### **Investment protection**

- Line-rate spine and leaf stacking topologies offer multiple possibilities in server rooms, in branch collapsed cores or at the edge of growing networks
- Even if an organization is not ready for SDN, OpenFlow support offers future-ready design for maximum investment protection

### **Secure services**

- With successive tiering, the Authentication Manager allows for authentication methods per port for a tiered authentication based on configured time-outs
- With BYOD, tiered Dot1x -> MAB -> Captive Portal authentication is powerful and simple to implement with strict policies

### Industry standard management

- Industry standard command line interface (CLI), functional NETGEAR web interface (GUI), SNMP, sFlow and RSPAN
- Single-pane-of-glass NMS300 management platform with centralized firmware updates and mass-configuration support

### Industry leading warranty

- NETGEAR M4300 series is covered under NETGEAR ProSafe Lifetime Hardware Warranty
- 90 days of Technical Support via phone and email, Lifetime Technical Support through online chat and Lifetime Next Business Day hardware replacement

Technical Specs	
<b>Management &amp; Protocols</b>	
Manageable	Yes
<b>Miscellaneous</b>	
Country of Origin	China
<b>Network &amp; Communication</b>	
Layer Supported	3
<b>Physical Characteristics</b>	
Form Factor	Rack-mountable
Compatible Rack Unit	1U
<b>Power Description</b>	
Power Source	Power Supply
Redundant Power Supply Supported	Yes
<b>General Information</b>	
Product Type	Layer 3 Switch
Manufacturer Part Number	GSM4328PB-100NES
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	M4300-28G-PoE+ (GSM4328PB)

Product Name	24x1G PoE+ Stackable Managed Switch with 2x10GBASE-T and 2xSFP+ (1000W PSU)
Product Line	ProSafe
Product Series	M4300
Brand Name	Netgear
<b>I/O Expansions</b>	
Expansion Slot Type	SFP+
Number of Total Expansion Slots	2
Number of SFP+ Slots	2
<b>Interfaces/Ports</b>	
Modular	Yes
Stack Port	Yes
Total Number of Network Ports	26
Port/Expansion Slot Details	2 x 10 Gigabit Ethernet Network
	2 x 10 Gigabit Ethernet Expansion Slot
	24 x Gigabit Ethernet Network
<b>Media &amp; Performance</b>	
Network Technology	1000Base-T
	10GBase-T
	10GBase-X
Ethernet Technology	Gigabit Ethernet
	10 Gigabit Ethernet
Media Type Supported	Twisted Pair
	Optical Fiber

# Netgear Power Module for RPS4000 RPS4000

PN: APS1000W-100NES



## Description

Netgear Power Module for RPS4000 RPS4000

Technical Specs	
Miscellaneous	
Compatibility	Netgear RPS4000 Power Supply
General Information	
Product Type	Power Module
Manufacturer Part Number	APS1000W-100NES
Manufacturer Website Address	<a href="http://www.netgear.com">http://www.netgear.com</a>
Manufacturer	Netgear, Inc
Product Model	APS1000W
Product Name	Power Module for RPS4000
Brand Name	Netgear