




# West Virginia Purchasing Division

2019 Washington Street, East  
Charleston, WV 25305  
Telephone: 304-558-2306  
General Fax: 304-558-6026  
Bid Fax: 304-558-3970

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

## Header

 List View


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

Procurement Folder: 107314

SO Doc Code: CRFQ

Procurement Type: Central Contract - Fixed Amt

SO Dept: 0702

Vendor ID:  

SO Doc ID: TAX1500000009

Legal Name: ADVIZEX TECHNOLOGIES LLC


Published Date: 5/21/15

Alias/DBA:

Close Date: 6/30/15

Total Bid: \$115,920.61

Close Time: 13:30

Response Date:  

Status: Closed

Response Time:

Solicitation Description:

Total of Header Attachments: 0

Total of All Attachments: 0



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

**State of West Virginia  
 Solicitation Response**

**Proc Folder :** 107314

**Solicitation Description :** UNIX SERVER - HP RX2800 I4 AND SAN - EMC VNX5200 OR EQUAL

**Proc Type :** Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
	2015-06-30 13:30:00	SR 0702 ESR06301500000004542	1

**VENDOR**

000000181088  
 ADVIZEX TECHNOLOGIES LLC

**FOR INFORMATION CONTACT THE BUYER**

Evelyn Melton  
 (304) 558-7023  
 evelyn.p.melton@wv.gov

**Signature X** **FEIN #** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Unix Server - HP RX2800 I4 or equal	1.00000	EA	\$49,176.66	\$49,176.66

Comm Code	Manufacturer	Specification	Model #
81112220			

Extended Description : Unix Server - HP RX2800 I4 or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Storage Area Network/Storage Array - EMC VNX5200 or equal	1.00000	EA	\$52,040.63	\$52,040.63

Comm Code	Manufacturer	Specification	Model #
81112204			

Extended Description : Storage Area Network/Storage Array - EMC VNX5200 or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Server Warranty	1.00000	YR	\$13,571.50	\$13,571.50

Comm Code	Manufacturer	Specification	Model #
81112200			

Extended Description : Server - Mission Critical Warranty Service

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	SAN Warranty	1.00000	YR	\$1,131.82	\$1,131.82

Comm Code	Manufacturer	Specification	Model #
81112200			

Extended Description : SAN - Mission Critical Warranty Service



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

State of West Virginia  
 Request for Quotation

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Proc Folder: 107314

Doc Description: UNIX SERVER - HP RX2800 I4 AND SAN - EMC VNX5200 OR EQUAL

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2015-05-21	2015-06-30 13:30:00	CRFQ 0702 TAX1500000009	1

**BID RECEIVING LOCATION**

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

**VENDOR**

Vendor Name, Address and Telephone Number:  
 Advizex Technologies  
 6480 Rockside woods Blvd.  
 Suite 190  
 Independence, OH 44131  
 304-615-3301

**FOR INFORMATION CONTACT THE BUYER**

Evelyn Melton  
 (304) 558-7023  
 evelyn.p.melton@wv.gov

Signature X *M. L. Bostick* FEIN # 37-1504-931 DATE 6/30/15

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

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF MASON BUILDING 1206 QUARRIER ST, STE 2	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Unix Server - HP RX2800 I4 or equal	1.00000	EA	\$49,176.66	\$49,176.66

Comm Code	Manufacturer	Specification	Model #
81112220			

Extended Description :  
Unix Server - HP RX2800 I4 or equal

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF MASON BUILDING 1206 QUARRIER ST, STE 2	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Storage Area Network/Storage Array - EMC VNX5200 or equal	1.00000	EA	\$52,040.63	\$52,040.63

Comm Code	Manufacturer	Specification	Model #
81112204			

Extended Description :  
Storage Area Network/Storage Array - EMC VNX5200 or equal

INVOICE TO		SHIP TO	
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748		INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF MASON BUILDING 1206 QUARRIER ST, STE 2	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Server Warranty	1.00000	YR	\$13,571.50	\$13,571.50

Comm Code	Manufacturer	Specification	Model #
81112200			

**Extended Description :**

Server - Mission Critical Warranty Service

INVOICE TO	SHIP TO
OPERATIONS DIVISION TAX DIVISION OF PO BOX 11748  CHARLESTON WV25339-1748  US	INFORMATION TECHNOLOGY DIVISION TAX DIVISION OF MASON BUILDING 1206 QUARRIER ST, STE 2  CHARLESTON WV 25301  US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	SAN Warranty	1.00000	YR	\$ 1,131.82	\$ 1,131.82

Comm Code	Manufacturer	Specification	Model #
81112200			

**Extended Description :**

SAN - Mission Critical Warranty Service

THE PURCHASING DIVISION IS SOLICITING BIDS ON BEHALF OF THE TAX DIVISION TO ESTABLISH A CONTRACT FOR THE PURCHASE OF A UNIX SERVER AND STORAGE AREA NETWORK OR EQUAL.

<b>TAX1500000009</b>	<b>Document Phase</b> Final	<b>Document Description</b> UNIX SERVER - HP RX2800 I4 AND SAN - EMC VNX5200 OR EQUAL	<b>Page 4</b> <b>of 4</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions



8. MISCELLANEOUS:

8.1.1 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: Mika Bostaph  
Vendor's Address: 6480 Rockside woods Blvd.  
Suite 190  
Independence, OH 44131  
Telephone Number: 304-615-3301  
Fax Number: 304-345-2928  
Email Address: mbostaph@advizex.com

**CERTIFICATION AND SIGNATURE PAGE**

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained 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.

Advizex Technologies  
(Company)

Mika Bostaph, Mika Bostaph, Account Executive  
(Authorized Signature) (Representative Name, Title)

304-4615-3301, 304-345-2928, 4/30/15  
(Phone Number) (Fax Number) (Date)

ADDENDUM ACKNOWLEDGEMENT FORM  
SOLICITATION NO.: CRFQ\_TAX150000009

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

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

Addendum Numbers Received:  
(Check the box next to each addendum received)

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

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

Advizex Technologies  
Company

Mika B...  
Authorized Signature

6/30/15  
Date

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



STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

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

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

**DEFINITIONS:**

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

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

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

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §81-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Advizex Technologies

Authorized Signature: [Signature] Date: 6/29/15

State of Ohio

County of Cuyahoga to-wit:

Taken, subscribed, and sworn to before me this 29<sup>th</sup> day of June, 2015.

My Commission expires September 24<sup>th</sup>, 2018

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 07/01/2012)



CYNTHIA A. MANLEY  
NOTARY PUBLIC, STATE OF OHIO  
My Commission Expires 9/24/2018



State of West Virginia

VENDOR PREFERENCE CERTIFICATE

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

1. Application is made for 2.5% vendor preference for the reason checked:

- X Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,

2. Application is made for 2.5% vendor preference for the reason checked:

Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

3. Application is made for 2.5% vendor preference for the reason checked:

Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

4. Application is made for 5% vendor preference for the reason checked:

Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,

5. Application is made for 3.5% vendor preference who is a veteran for the reason checked:

Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,

6. Application is made for 3.5% vendor preference who is a veteran for the reason checked:

Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.

Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

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

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

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Actvizex Technologies

Signed: [Signature]

Date: 6/29/15

Title: Account Executive



6480 Rockside Woods Blvd. S.  
Suite 190  
Independence, OH 44131  
p. 216.901.1818  
f. 216.901.1447  
[www.advizex.com](http://www.advizex.com)

## Quotation

<b>Quote #</b>	6228
<b>Terms</b>	NET 30
<b>Contact</b>	Evelyn Melton <a href="mailto:evelyn.p.melton@wv.gov">evelyn.p.melton@wv.gov</a> 304-558-7023
<b>Quote Date</b>	6/29/2015
<b>Expires</b>	7/29/2015

**Sales Rep:** Mika Bostaph  
[mbostaph@advizex.com](mailto:mbostaph@advizex.com)  
p. 216-901-1818

**Customer**  
WV Dept. of Administration-  
Purchasing Division  
Evelyn Melton  
2019 Washington Street, East  
Charleston, WV 25305  
UNITED STATES  
(304) 558-2306

**Bill To**  
Information Technology Division  
Operations Division  
PO Box 11748  
Charleston, WV 25339  
UNITED STATES  
(304) 558-2306  
[evelyn.p.melton@wv.gov](mailto:evelyn.p.melton@wv.gov)

**ShipTo**  
Information Technology Division  
Tax Division-Mason Building  
1206 Quarrier Street  
Charleston, WV 25301  
UNITED STATES  
(304) 558-2306  
[Rodney.A.Abbott@wv.gov](mailto:Rodney.A.Abbott@wv.gov)

Description	Customer PO	Contract	Ship Via
CRFQ_TAX1500000009			UPS Ground

Item	Mfg	Part #	Qty	Description	Price	Extended Price
1				HP Integrity rx2800i4 HP-UX Server		
2	Hewlett-Packard	AT101A	1	HP RX2800 I4 RACK-OPTIMIZED SERVER	\$4,324.25	\$4,324.25
3	Hewlett-Packard	AT138A	2	HP RX2800 I4 ITANIUM 9550 4C PROC KIT	\$6,082.13	\$12,164.26
4	Hewlett-Packard	AT138A 0D1	2	FACTORY INTEGRATED	\$0.00	\$0.00
5	Hewlett-Packard	AM227A	1	HP RX2800 I2 RACKING KIT	\$144.38	\$144.38
6	Hewlett-Packard	AM227A B01	1	INCLUDE WITH COMPLETE SYSTEM	\$0.00	\$0.00
7	Hewlett-Packard	AM228A	2	HP RX2800 I2 PCIE 3-SLOT RISER BOARD	\$385.00	\$770.00
8	Hewlett-Packard	AM228A 0D1	2	FACTORY INTEGRATED	\$0.00	\$0.00
9	Hewlett-Packard	AT133A	1	HP RX2800 I4 REDUNDANT POWER SUPPLY	\$634.38	\$634.38
10	Hewlett-Packard	AT133A 0D1	1	FACTORY INTEGRATED	\$0.00	\$0.00
11	Hewlett-Packard	AT103A	3	HP RX2800 I4 6-SLOT MEM EXPANSION BOARD	\$961.63	\$2,884.89
12	Hewlett-Packard	AT103A 0D1	3	FACTORY INTEGRATED	\$0.00	\$0.00
13	Hewlett-Packard	AT108A	8	HP RX2800I4 8GB(2X4GB)PC3L-10600R-9KIT	\$1,058.75	\$8,470.00
14	Hewlett-Packard	AT108A 0D1	8	FACTORY INTEGRATED	\$0.00	\$0.00
15	Hewlett-Packard	AM302A	2	HP 146GB 15K SAS SFF 6GB DP DRIVE	\$461.39	\$922.78
16	Hewlett-Packard	AM302A 0D1	2	FACTORY INTEGRATED	\$0.00	\$0.00
17	Hewlett-Packard	AM242A	1	HP SLIMLINE DVD-ROM OPTICAL DRIVE	\$221.38	\$221.38
18	Hewlett-Packard	AM242A 0D1	1	FACTORY INTEGRATED	\$0.00	\$0.00
19	Hewlett-Packard	AD337A	2	HP PCIE 2-PORT 1000BASE-T CARD	\$659.76	\$1,319.52
20	Hewlett-Packard	AD337A 0D1	2	FACTORY INTEGRATED	\$0.00	\$0.00

Item	Mfg	Part #	Qty	Description	Price	Extended Price
21	Hewlett-Packard	AH403A	2	HP PCIE 2-PORT 8GB FC SR (EMULEX) HBA	\$4,370.42	\$8,740.84
22	Hewlett-Packard	AH403A 0D1	2	FACTORY INTEGRATED	\$0.00	\$0.00
23	Hewlett-Packard	BA929AA	1	HP-UX 11I V3 VSE-OE MEDIA	\$0.00	\$0.00
24	Hewlett-Packard	BA929AA 0D1	1	FACTORY INTEGRATED	\$184.45	\$184.45
25	Hewlett-Packard	BA929AA A53	1	HP-UX 11I VERSION 3	\$0.00	\$0.00
26	Hewlett-Packard	BA929AA ABA	1	U.S. - ENGLISH LOCALIZATION	\$0.00	\$0.00
27	Hewlett-Packard	BA929ACE	1	HP-UX 11I V3 VIRTUAL SERVER OE E-DEL	\$0.00	\$0.00
28	Hewlett-Packard	BA929ACE 424	2	PSL VSE IPF 2SKT E-LTU	\$8,508.50	\$17,017.00
29	Hewlett-Packard	HA112A1	1	HP 1Y CRITICAL SERVICE	\$0.00	\$0.00
30	Hewlett-Packard	HA112A1 9AZ	1	CRITICAL BCS SERVER EXTENSION	\$1,396.02	\$1,396.02
31	Hewlett-Packard	HA112A1 9FE	2	HP-UX 11I VSOE INTEG 2SKT/4CORE PSL SUPP	\$2,456.25	\$4,912.50
32	Hewlett-Packard	HA112A1 RAM	1	HP RX2800 I4 SERVER CHASSIS HW SUPPORT	\$6,236.70	\$6,236.70
33	Hewlett-Packard	HA112A1 RAN	2	HP RX2800 I4 PROCESSOR KIT HW SUPPORT	\$513.14	\$1,026.28
34	Hewlett-Packard	BA929ACN	1	HP-UX 11I V3 VSE-OE LTU TRADEIN	\$0.00	\$0.00
35	Hewlett-Packard	BA929ACN 424	2	PCL VSE TO PSL 2SKT TRADE-IN	(\$8,508.50)	(\$17,017.00)
36	Hewlett-Packard	AF630A	1	HP LCD 8500 1U CONSOLE US KIT	\$1,018.53	\$1,018.53
37				<b>EMC VNX5200 and DS-300B Switches</b>		
38	EMC Corporation	VNX52DP60015	1	VNX5200 DPE 25X2.5" DR-8X600G15K-EMC RK	\$10,439.77	\$10,439.77
39	EMC Corporation	VNXBRACK-40U	1	VNXB 40U RACK WITH FRONT PANEL	\$1,184.09	\$1,184.09
40	EMC Corporation	VNXBCS2	1	VNXB 2ND CONTROL STATION-EMC RACK	\$922.73	\$922.73
41	EMC Corporation	VNXBCS	1	VNXB CONTROL STATION-EMC RACK	\$0.00	\$0.00
42	EMC Corporation	VNXB52DM	1	VNX5200 ADD ON DM+FC SLIC-EMC RACK	\$700.00	\$700.00
43	EMC Corporation	VNXB52DME	1	VNX5200 DME: 1 DM+FC SLIC-EMC RACK	\$0.00	\$0.00
44	EMC Corporation	FLV42S6F-200	3	VNX 200GB FAST CACHE 25X2.5 DPE/DAE	\$2,143.18	\$6,429.54
45	EMC Corporation	V4-2S15-600	10	VNX2 600GB 15K SAS 25X2.5 DPE/DAE	\$664.77	\$6,647.70
46	EMC Corporation	PSINST-ESRS	1	ZERO DOLLAR ESRS INSTALL	\$0.00	\$0.00
47	EMC Corporation	M-PRESWE-001	1	PREMIUM SW SUPPORT	\$1,131.82	\$1,131.82
48	EMC Corporation	WU-PREHWE-01	1	PREMIUM HW SUPPORT-WARR UPG	\$0.00	\$0.00
49	EMC Corporation	VBPW40U-US	1	CAB QUAD POWER CORD US TWISTLOCK	\$323.86	\$323.86
50	EMC Corporation	VNXBOEPERFTB	6	VNXB OE PER TB PERFORMANCE	\$347.73	\$2,086.38
51	EMC Corporation	VNXOE-5200	1	VNX5200 Operating Environment	\$0.00	\$0.00
52	EMC Corporation	UNISU-VNX5200	1	VNX5200 Unisphere Unified Suite=IC	\$4,297.73	\$4,297.73



Item	Mfg	Part #	Qty	Description	Price	Extended Price
53	EMC Corporation	FSTS-VNX5200	1	VNX5200 FAST Suite=IC	\$1,990.91	\$1,990.91
54	EMC Corporation	VNX52-KIT	1	VNX5200 Documentation Kit=IC	\$0.00	\$0.00
55	EMC Corporation	VDMBM1GCUA	2	VNXB 1GBASE-T DM MODULE 4 PORT	\$704.55	\$1,409.10
56	EMC Corporation	VSPBM8GFFEA	2	VNXB 4 PORT 8G FC IO MODULE PAIR	\$1,761.36	\$3,522.72
57	EMC Corporation	DSBRLKT-B	2	DSB SW GEN RCK KIT -B	\$204.55	\$409.10
58	EMC Corporation	DS-300B-8G	2	DS-300B 8/24P 8G BASE SWITCH	\$2,147.73	\$4,295.46
59	EMC Corporation	WU-PREHW-001	1	PREMIUM HARDWARE SUPPORT - WARR UPG	\$0.00	\$0.00
60	EMC Corporation	INTCABPWRCB-B	2	C14-TO-C13 1M INTERNAL CAB POWER CORDS-B	\$2.27	\$4.54
61	advizex	Adv-SSDO	1	AdvizeX Services-This includes installation of hardware and completion of storage migration for one server.	\$14,754.00	\$14,754.00
62	AdvizeX	SHIPPING	1	Shipping	\$486.36	\$486.36
					<b>Sub Total:</b>	<b>\$116,406.97</b>
					<b>Total</b>	<b>\$116,406.97</b>

Unless reflected above the quotation total does not include applicable sales tax and shipping charges. Payment terms are Net 30 unless otherwise agreed to in writing. We do not accept credit cards. AdvizeX Technologies may assign without notice all or part of the payments together with all the rights of an unpaid seller but without the assignee's assumption of seller's obligations under this order. AdvizeX Technologies is an equal opportunity employer dedicated to affirmative action and workforce diversity. Payment terms are Net 30, Shipping terms are FOB Origin, and cannot be superseded by any other terms, implied or expressed in any other agreement or purchase order unless otherwise agreed to in writing by AdvizeX. Please read this Quotation carefully. The terms and conditions set forth on this form constitute the entire agreement between seller and buyer. Seller will not be bound by any terms of buyer's order that are inconsistent with the terms herein. Further, the terms set forth in this form supersede all other terms in any subsequent agreement or purchase order. Acceptance of these terms may be made (1) by written acceptance or (2) by accepting delivery of any good described on this form or (3) raising an order against this quote. This Quotation shall remain firm for 30 days from the date above unless modified in writing by AdvizeX Technologies, LLC prior to our acceptance of your order. This Quotation and any order placed as a result hereof shall be subject exclusively to the Terms and Conditions herein. So long as part of the payment due is outstanding, AdvizeX Technologies, LLC shall retain a security interest in any product or software that is part of the system. The customer agrees to execute any documents which may be necessary or appropriate to protect AdvizeX Technologies, LLC security interest in the system at AdvizeX Technologies, LLC request. Any contract resulting from this Quotation must be signed by a duly authorized representative of AdvizeX Technologies, LLC. Any additions, modifications or waivers of any of the Terms and Conditions contained herein or on the attached Agreements shall only be effective if in writing and agreed to by an authorized representative of AdvizeX Technologies, LLC. AdvizeX Technologies, LLC disclaims all implied warranties, including all warranties of merchant ability and all warranties of fitness for a particular purpose. AdvizeX Technologies, LLC shall not be liable for incidental, special or consequential damages arising from any cause.



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# HP-UX and Storage Implementation

## Professional Services – Statement of Work

**Prepared for:** The State of West Virginia



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### Engagement Structure

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#### *PROJECT DESCRIPTION*

The services described herein detail the Professional Services to be performed by AdvizeX Technologies for the State of West Virginia (hereafter, “State of West Virginia” or “Customer”). AdvizeX Technologies will deploy one new HP Integrity rx2800i4 HP-UX server, a pair of Brocade 300B Fibre Channel Storage Area Network switches, and one EMC VNX5200 storage array. The equipment will be mounted within the same rack per Customer request. AdvizeX will migrate up to 6 TB of data from existing storage to this new EMC storage solution. AdvizeX will install and configure the HP-UX server, Brocade SAN switches, and EMC VNX storage solution as listed in the Scope section below. The solution will be installed at Customer’s Charleston, WV location.

At the conclusion of the project, AdvizeX will deliver “**As-Built**” **documentation** for all devices installed and configuration performed as part of this Statement of Work.

#### *SCOPE*

AdvizeX will perform the project activities defined below:

##### **VNX Implementation Services:**

- **Site preparation and installation prerequisites** – AdvizeX will provide equipment installation prerequisites to Customer. Included are the amount of rack space, power, network interfaces, and environmental requirements to support one VNX5200 storage array.
- **Storage array installation, initialization, and configuration** – The array will be installed into an EMC supported cabinet, labeled, and initialized. The VNX management software will be configured and VNX Operating Environment updated if required by AdvizeX per the EMC support matrix. FAST cache and storage pools will be configured as appropriate on the array for block access based on Customer requirements and EMC best practices. EMC call home support and email notifications will be configured as directed by Customer.
- **Host compatibility review** – AdvizeX will review the EMC support matrix to determine the supported levels of drivers and host software for the HP-UX / Integrity rx2800i4 build and produce a report with the target levels. Customer will be responsible for any application remediation required to correct issues listed in reports provided is the responsibility of the Customer.
- **Block storage deployment** – Following successful confirmation of host compatibility above, AdvizeX will configure the new VNX array for Fibre Channel block access. One HP Integrity rx2800i4 will be provisioned by AdvizeX. AdvizeX is responsible for installation multi-pathing software as required on Fibre Channel block hosts. Attachment of any additional hosts and affiliated provisioning will be the responsibility of Customer.

### Migration Services:

- **General migration planning** – AdvizeX will discuss pertinent migration methodologies with Customer, including any software or connectivity prerequisites which must be satisfied prior to the start of any migration activities. Cutover procedures, including the number of migration events (if any), and schedules will be built in conjunction with Customer and agreed to by both parties. Customer will be responsible for end user notification and change management processes.
- **Block host scoping, analysis, and migration planning** – Documentation of requirements for block migration targets will be constructed based on existing storage layouts for one HP-UX server. The new storage layout will be documented for these migration targets and agreed upon with Customer. Migration strategies (example. host-based or array-based) will be documented for each host as appropriate. Host based migration will be considered the default method for the one HP-UX server AdvizeX will migrate, unless migration planning determines an alternate method.
- **Host-based data migration** – New storage devices will be created on the VNX array based on the scope and documentation created above for block migration. These devices will then be presented to the HP-UX host-based migration target based on the schedule agreed to above. After data migration has completed, removal of old host-side storage volumes will be completed by AdvizeX based on the schedule agreed to with Customer.

### SAN Switch Implementation Services:

- **Site preparation and installation** – AdvizeX will check the SAN switch compatibility with the EMC Support Matrix and provide any recommended changes in a remediation report for Customer to implement prior to implementation of two new Brocade 300B departmental SAN switches with 8 active ports on each switch.
- **SAN switch configuration and zoning** – The departmental SAN switches will be upgraded to the target version of firmware and bios, as required by EMC Support Matrix (ESM). AdvizeX will perform the necessary switch zoning on the two new 300B switches to ensure the connected devices listed in the scope section of this SOW have the proper path connectivity. Zoning will adhere to EMC best practices for the solution involved. In the event these two new SAN switches require merging with existing SAN fabrics to support migration of one HP-UX server, AdvizeX will plan and carry-out the fabric merge. Splitting the fabrics following such a migration will also be the responsibility of AdvizeX. Any additional zoning or switch configuration for connected devices not listed in the scope section of this SOW is the responsibility of Customer.

### Documentation and Knowledge Transfer Services:

- **Documentation delivery and informal knowledge transfer** – Handover of all “As-Built” documentation as well as execution of an informal knowledge transfer session (up to four hours) with Customer’s IT group on the new configurations which were constructed and delivered as part of this statement of work. Please note that this knowledge transfer does not replace formal vendor education. AdvizeX recommends formal vendor training.

### *DELIVERABLES*

The deliverables associated with this engagement are:

- **“As-Built” documentation** for the solution listed in the “Project Scope” section

### *EXCLUSIONS*

The following elements are excluded from the services proposed in this Statement of Work:

- Removal or re-purposing of existing storage arrays.
- Remediation of host cabling, connectivity, configuration, or performance issues.
- Any storage or data migration for existing Customer hosts, volumes, file servers, or shares beyond the one HP-UX server identified in the Scope section.
- Configuration of VNX data movers for file services.
- Any host, database, or application analysis, testing, or data validation associated with data migration.
- Replication array or device seeding, re-configuration after implementation, or relocation.
- Any replication automation, application aware/consistent replication management, or configuration of replication with any management product (excluding the on-array replication management tools).
- Troubleshooting or correction of DNS, Active Directory, or LDAP configuration or performance issues.
- Development of custom solutions, including scripting, without limitation, including any modification of Customer’s application software.
- Any additional hardware/software or configuration thereof not listed in this document.
- Development or architectural design beyond what is required to perform the work detailed in the Project Details for this project.
- Construction or delivery of any education curriculum
- Any responsibility for the ongoing configuration, management, or maintenance of any hardware, software, or systems involved in this Statement of Work.

If any of the above elements must later be brought into the scope of this project, the Change Management Process will be invoked to address the required changes.

## Governance

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### *TERMS AND CONDITIONS*

AdvizeX and State of West Virginia acknowledge and agree to the following terms and conditions:

- If a Master Services Agreement already exists between State of West Virginia and AdvizeX, the terms of the MSA supersede and enhance the terms below.
- This proposal contains proprietary information of State of West Virginia and AdvizeX and may not be reproduced or shared without the advance written consent of both parties.
- This proposal has been prepared based on information supplied by State of West Virginia and on our observations, and contains our entire proposal. No representations, undertakings, agreements, terms, or conditions exist other than those contained in this proposal.
- Any errors or omissions in this document should be deemed mechanical and will be corrected upon discovery.
- This proposal and associated price quotation are valid for a period of 30 days from the date on listed on this document's cover page.
- Resources utilized in the delivery of this engagement are restricted to standard business hours (8am-5pm EST, 40 hours per week) unless agreed to in advance by both parties.
- AdvizeX personnel are entitled to time off in compliance with AdvizeX company policies. All such leave will be communicated to State of West Virginia in advance whenever possible and will be coordinated to minimize any potential impact on this engagement.
- A signed Statement of Work and validated method of payment are required prior to project commencement.
- AdvizeX requires a minimum of ten business days from the signature of this Statement of Work to staff the project.

### *RESPONSIBILITIES*

AdvizeX and State of West Virginia agree to the following definition of responsibilities:

- AdvizeX will provide a project manager to act as the single point-of-contact for coordination of any activities required to successfully complete this engagement.
- State of West Virginia will provide a single point-of-contact to facilitate this engagement that is responsible for providing timely feedback to requests made during the project.
- State of West Virginia acknowledges that timely provision of and access to staff, facilities, data, documentation, and infrastructure is required to complete this engagement within the specified timeframe.
- State of West Virginia is responsible for the accuracy and completeness of data provided to AdvizeX to deliver this engagement. AdvizeX may review or validate said information, but is not responsible for gathering it unless defined in the Project Scope.

- State of West Virginia is responsible for the coordination of any outages required to complete the services detailed in this Statement of Work, including change management approval.
- State of West Virginia is responsible for the full and complete backups of their data, and AdvizeX shall not be held liable for any data loss that may occur.

### ***COMPLETION CRITERIA***

Unless specifically stated otherwise, acceptance of the services and any materials provided hereunder will occur upon the completion of the applicable portion of the services. AdvizeX uses a standard Milestone Completion Form (MCF) as the basis for all services revenue recognition. When AdvizeX has fulfilled the criteria associated with a milestone or timeframe as defined in the Investment of this document, AdvizeX shall send State of West Virginia a MCF indicating project phase completion and requesting acceptance and signoff.

If State of West Virginia is satisfied with the performance for that phase, signoff will indicate acceptance. If State of West Virginia responds in writing that AdvizeX has not satisfactorily completed the phase, the parties will meet and use good faith to resolve difficulties.

The receipt of State of West Virginia signoff or the lack of written notice to AdvizeX of any issues with work performed within five business days of receipt of a MCF will be deemed as acceptance of the services performed. AdvizeX will recognize revenue upon delivery of a signed MCF or five business days after customer has received the MCF.

### ***CHANGE MANAGEMENT PROCESS***

AdvizeX and State of West Virginia agree to use industry standard change management processes to provide documentation and control for any changes to this Statement of Work.

## Investment

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The total fixed-fee investment for the services defined in this Statement of Work is **\$14,754**. This cost includes any associated travel costs that may be incurred in the delivery of these services.

AdvizeX shall recognize project completion based on the schedule defined below. The fees for this project are based upon the scope of work and efforts detailed in this document. AdvizeX will bill Customer based on the investment schedule defined below.

State of West Virginia understands and agrees that the services proposed in this Statement of Work are provided on a fixed price basis for the scope of work outlined in this document.

### *INVESTMENT SCHEDULE:*

#	Milestone/Event	Amount
1	Installation of hardware	\$ 7,377.00
2	Completion of storage migration for one server	\$ 7,377.00
	<b>Total:</b>	<b>\$14,754.00</b>



## Statement of Work Acceptance

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All parties hereby acknowledge that they have read and understand this Statement of Work and all attachments thereof, and agree to all terms and conditions stated herein.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date below:

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**AdvizeX Technologies LLC**

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**State of West Virginia**

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Signature

---

Signature

---

Printed Name

---

Printed Name

---

Title

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Title

---

Date

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Date

***DOCUMENT REVISION:***

<b>Document Version:</b>	1.1
<b>Creation Date:</b>	June 29, 2016
<b>SOW Number:</b>	WVUNIXVNX-20150629

## Document Control Information

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### *REVISION HISTORY:*

Date	Version	Change Description	Author	Reviewer
6/24/2015	1.0	Initial Draft	D. Brewster	Ed Jones
6/29/2015	1.1	Updated	D. Brewster	