



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

# State of West Virginia Contract

Order Date: 12-22-2021

CORRECT ORDER NUMBER MUST APPEAR  
ON ALL PACKAGES, INVOICES, AND  
SHIPPING PAPERS. QUESTIONS  
CONCERNING THIS ORDER SHOULD BE  
DIRECTED TO THE DEPARTMENT  
CONTACT.

Order Number:	CCT 0313 0313 DEP2200000003 1	Procurement Folder:	967819
Document Name:	BTO145-21 NetApp FAS (FlexArray Storage) 8200 or Equal & Sup	Reason for Modification:	Award of CRFQ DEP220000000019
Document Description:	BTO145-21 NetApp FAS (FlexArray Storage) 8200 or Equal & Sup		
Procurement Type:	Central Contract - Fixed Amt		
Buyer Name:	Joseph E Hager III		
Telephone:	(304) 558-2306		
Email:	joseph.e.hageriii@wv.gov		
Shipping Method:	Best Way	Effective Start Date:	
Free on Board:	FOB Dest, Freight Prepaid	Effective End Date:	

VENDOR	DEPARTMENT CONTACT																				
Vendor Customer Code: 000000219154 SOFTWARE INFORMATION SYSTEMS LLC 165 BARR ST  LEXINGTON KY 405071321 US Vendor Contact Phone: 999-999-9999 Extension:	Requestor Name: Herminio David Robles Requestor Phone: (304) 926-0499 Requestor Email: david.h.robles@wv.gov																				
Discount Details:	<b>22</b> FILE LOCATION _____																				
<table><tr><th></th><th>Discount Allowed</th><th>Discount Percentage</th><th>Discount Days</th></tr><tr><td>#1</td><td>No</td><td>0.0000</td><td>0</td></tr><tr><td>#2</td><td>Not Entered</td><td></td><td></td></tr><tr><td>#3</td><td>Not Entered</td><td></td><td></td></tr><tr><td>#4</td><td>Not Entered</td><td></td><td></td></tr></table>			Discount Allowed	Discount Percentage	Discount Days	#1	No	0.0000	0	#2	Not Entered			#3	Not Entered			#4	Not Entered		
		Discount Allowed	Discount Percentage	Discount Days																	
#1		No	0.0000	0																	
#2		Not Entered																			
#3	Not Entered																				
#4	Not Entered																				

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV 25304 US	ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV 25304 US

12-22-21  
BA

Purchasing Division's File Copy

Total Order Amount: \$105,000.00

ENTERED

QA 12-22-2021

PURCHASING DIVISION AUTHORIZATION <i>Linda Harper</i> DATE: 12/22/2021 ELECTRONIC SIGNATURE ON FILE	ATTORNEY GENERAL APPROVAL AS TO FORM <i>John S. Gray</i> DATE: 12-22-21 ELECTRONIC SIGNATURE ON FILE	ENCUMBRANCE CERTIFICATION <i>Beverly Toler</i> DATE: 12-23-2021 ELECTRONIC SIGNATURE ON FILE
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**Extended Description:**

The vendor, Software Information Systems, LLC, agrees to enter into the contract with the agency, The West Department of Environmental Protection (DEP) for the purchase of BTO145-21 NetApp FAS (FlexArray Storage) 8200 and support or equal per the specifications, terms and conditions, and the vendors submitted bid response dated 12/08/2021 all incorporated herein by reference and made apart hereof.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
1	43201802	1.00000	EA	40000.000000	\$40,000.00
Service From	Service To	Manufacturer		Model No	
2021-12-31	2022-03-31				

**Commodity Line Description:** NetApp FAS (FlexArray Stor) 8200 or equal & add. equip 4.1.1

**Extended Description:**

BTO145-21 NetApp FAS (FlexArray Storage) 8200 or equal and additional equipment 4.1.1

See section 4.1.1 through 4.1.1.7

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
2	81111812	0.00000		0.000000	\$25,000.00
Service From	Service To	Manufacturer		Model No	
2021-12-31	2022-03-31				

**Commodity Line Description:** Technical Support and Parts Replacement 4.1.2

**Extended Description:**

Technical Support and Parts Replacement

See section 4.1.2

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
3	43230000	1.00000	EA	40000.000000	\$40,000.00
Service From	Service To	Manufacturer		Model No	
2021-12-31	2022-03-31				

**Commodity Line Description:** Software Licenses 4.1.4

**Extended Description:**

Software Licenses

See section 4.1.4

## **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:** This Contract becomes effective on \_\_\_\_\_ and the initial contract term extends until \_\_\_\_\_.

**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 \_\_\_\_\_ 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 Ninety (90) calendar days. Upon completion of the work covered by the preceding sentence, the vendor agrees that maintenance, monitoring, or warranty services will be provided for One (1) year(s) thereafter.

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

☐ **Other:** See attached \_\_\_\_\_  
Revised 07/01/2021

**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 of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

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

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

☐ **PERFORMANCE BOND:** The apparent successful Vendor shall provide a performance bond in the amount of 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.

**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: One Million (1,000,000.00) 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. PURCHASING AFFIDAVIT:** 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, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

**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. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:

c. The cost for each contract item used does not exceed one tenth of one percent (.1%)

of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or

- d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

**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 supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the Revised 07/01/2021

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.

**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.

Karen A. Smallwood, Director of Contracts & Compliance  
(Name, Title)

Karen Smallwood, Director of Contracts and Compliance  
(Printed Name and Title)

165 Barr Street, Lexington, KY 40507  
(Address)

859-977-4796/859-977-4750

(Phone Number) / (Fax Number)  
Karen.Smallwood@convergetp.com

(email address)

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

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.

Software Information Systems  
(Company)

Karen A. Smallwood, Director of Contracts & Compliance  
(Authorized Signature) (Representative Name, Title)

Karen Smallwood, Director of Contracts and Compliance  
(Printed Name and Title of Authorized Representative)

12/6/2021  
(Date)

859-977-4796/859-977-4750  
(Phone Number) (Fax Number)



### **SPECIFICATIONS**

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Environmental Protection to establish a contract for the one-time purchase of NetApp FAS (FlexArray Storage) 8200 or equal.
2. **CURRENT ENVIRONMENT:** The WVDEP has an existing network and server room located in Charleston WV at the DEP office. The servers will be removed and replaced with this NetApp FAS (FlexArray Storage) 8200 or equal as a backup target for a remote server facility. In the event of the loss of the primary site this storage unit will be used for disaster recovery with servers to be purchased at that time.
3. **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.
  - 3.1 **“Contract Item”** means Storage Hardware as more fully described by these specifications.
  - 3.2 **“Pricing Page”** means the pages, contained in wvOASIS, or attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.
  - 3.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
  - 3.4 **“Array”** means a disk array or solid-state disk (SSD), a hardware element that contains a large group of disk drives (HDDs). It may contain several disk drive trays and has an architecture which improves speed and increases data protection. The system is run via a storage controller, which coordinates activity within the unit.
  - 3.5 **“RAID”** means (Redundant Array of Inexpensive Disks or Drives, or Redundant Array of Independent Disks) is a data storage virtualization technology that combines multiple physical disk drive components into one or more logical units for the purposes of data redundancy, performance improvement, or both.
  - 3.6 **“NAS”** means a file-level (as opposed to block-level) computer data storage server connected to a computer network providing data access to a heterogeneous group of clients. NAS is specialized for serving files either by its hardware, software, or configuration. It is often manufactured as a computer appliance – a purpose-built specialized computer. NAS systems are networked appliances which contain one or more storage drives, often arranged into logical, redundant storage containers or

RAID. Network-attached storage removes the responsibility of file serving from other servers on the network.

- 3.7 “SAN”** means a storage area network or storage network is a computer network which provides access to consolidated, block-level data storage. SANs are primarily used to enhance accessibility of storage devices, such as disk arrays and tape libraries, to servers so that the devices appear to the operating system as locally attached devices. A SAN typically is a dedicated network of storage devices not accessible through the local area network (LAN) by other devices, thereby preventing interference of LAN traffic in data transfer.
- 3.8 “Block”** means block devices that provide buffered access to hardware devices and provide some abstraction from their specifics. Unlike character devices, block devices will always allow the programmer to read or write a block of any size (including single characters/bytes) and any alignment.
- 3.9 “GHz”** means gigahertz a unit of measurement for AC (alternating current) or EM (electromagnetic) wave frequencies equal to 1,000,000,000 (one billion) Hz (hertz).
- 3.10 “CPU”** means a central processing unit (CPU), also called a central processor or main processor, is the electronic circuitry within a computer that carries out the instructions of a computer program by performing the basic arithmetic, logic, controlling, and input/output (I/O) operations specified by the instructions.
- 3.11 “SSD”** means a solid-state drive (SSD) is a solid-state storage device that uses integrated circuit assemblies as memory to store data persistently, typically using flash memory. It is also sometimes called a solid-state device or a solid-state disk, although SSDs lack the physical spinning disks and movable read-write heads used by the conventional electromechanical storage such as hard drives (“HDD”) or floppy disks.
- 3.12 “S3”** a proprietary term means Amazon Simple Storage Service is storage for the Internet. It is designed to make web-scale computing easier for developers. Amazon S3 has a simple web services interface that you can use to store and retrieve any amount of data, at any time, from anywhere on the web.
- 3.13 “GB”** means Gigabyte (GB or GByte) is a data measurement unit for digital computer or media storage. One GB equals one billion (1,000,000,000) bytes or one thousand (1,000) megabytes (MB).
- 3.14 “RJ45”** means a type of connector commonly used for Ethernet networking. It looks like a telephone jack but is slightly wider.

- 3.15 “SFP+”** means enhanced small form-factor pluggable transceiver a compact, hot-pluggable network interface module used for both telecommunication and data communications applications. The form factor and electrical interface are specified by a multi-source agreement (MSA) under the auspices of the Small Form Factor Committee. It is a popular industry format jointly developed and supported by many network component vendors. Enhanced meaning speeds up to 10 Gbit/s and the SFP28 iteration is designed for speeds of 25 Gbit/s.
- 3.16 “TiB”** means a terabyte is a unit of measure used to describe computing capacity. The prefix tib comes from the binary system for measuring data capacity. That system is based on powers of two. One terabyte equals (2 to the 40<sup>th</sup> power) or 1,099,511,627,776 bytes.
- 3.17 “iSCSI”** means in computing, is an acronym for Internet Small Computer Systems Interface, an Internet Protocol (IP)-based storage networking standard for linking data storage facilities. It provides block-level access to storage devices by carrying SCSI commands over a TCP/IP network.
- 3.18 “CIFS/SMB”** SMB was the predecessor to CIFS. SMB "server message block" and CIFS "common internet file system" are protocols. Samba implements CIFS network protocol. This is what allows Samba to communicate with (newer) MS Windows systems.
- 3.19 “Samba”** There are two parts to Samba, one being the server which shares out files and printers for other PC's to use, and the other being the client utilities, which allows a UNIX system to access files and printers on other Windows or Samba servers.
- 3.20 “NFS”** means Network File System is a distributed file system protocol originally developed by Sun Microsystems in 1984,[1] allowing a user on a client computer to access files over a computer network much like local storage is accessed.
- 3.21 “pNFS”** means Parallel NFS (pNFS) is a part of the NFS v4.1 standard that allows compute clients to access storage devices directly and in parallel.
- 3.22 “API”** means a set of functions and procedures allowing the creation of applications that access the features or data of an operating system, application, or other service.
- 3.23 “ODX”** means a proprietary term Offloaded Data Transfer (ODX) is a feature that was added to Windows Server 2012 and later versions to enhance the performance of compatible storage area networks (SANs). Similar to vStorage APIs for array Integration (VAAI) in VMware, ODX speeds up the movement and creation of

blocks and files, which makes it a great feature to have in a virtualized environment.

- 3.24 “NIC”** means a network interface card (NIC) is a hardware component, typically a circuit board or chip, which is installed on a computer so that it can connect to a network.
- 3.25 “C20”** means 20A Power Cable for Network Devices That Require a Heavy-Gauge Connection. This heavy-duty extension cord features 12 AWG wire suitable for high power connections, making it a reliable solution for large server applications that require a higher-rated, heavier-gauge cable.
- 3.26 “PDU”** means a power distribution unit or mains distribution unit (MDU) is a device fitted with multiple outputs designed to distribute electric power, especially to racks of computers and networking equipment located within a data center. Data centers face challenges in power protection and management solutions. Therefore, many data centers rely on PDU monitoring to improve efficiency, uptime, and growth.
- 3.27 “WVDEP”** West Virginia Department of Environmental Protection.
- 3.28 “LUNs”** Stands for "Logical Unit Number. LUNs are used to identify SCSI devices, such as external hard drives, connected to a computer. Each device is assigned a LUN number, which serves as the device's unique address.
- 3.29 “Cluster”** - is a group of servers and other resources that act like a single system and enable high availability and, in some cases, load balancing and parallel processing.
- 3.30 “Hypervisor”** - is a computer software, firmware or hardware that creates and runs virtual machines. A computer on which a hypervisor runs one or more virtual machines is called a host machine, and each virtual machine is called a guest machine. The hypervisor presents the guest operating systems with a virtual operating platform and manages the execution of the guest operating systems.
- 3.31 “VM”** means a virtual machine. In computing, a virtual machine is an emulation of a computer system. Virtual machines are based on computer architectures and provide functionality of a physical computer. Their implementations may involve specialized hardware, software, or a combination.
- 3.32 “Controller”** - is a device that controls storage arrays, and mainly comprises the three types of components—"CPU" (central processing unit), "cache memory" and

"connection interface with the network and memory devices." It is otherwise called "storage processor" or "array controller," among other names.

**3.33 "Terabyte"** – is a multiple of the unit byte for digital information. The prefix tera represents the fourth power of 1000 and means  $10^{12}$  in the International System of Units (SI), and therefore one terabyte is one trillion (short scale) bytes. The unit symbol for the terabyte is TB.

**3.34 "Useable Storage"** – means the space available for information storage after space used for redundancy of the RAID systems and after the overhead of the storage devices.

**3.35 "XenServer"** Citrix XenServer is an open source server virtualization platform based on the Xen hypervisor.

**3.36 "XenCenter"** is a management console, you can say a client side (front end) software which is installed on a Windows computer to administer manage, configure, and monitor XenServer. Using xencenter you can create a new virtual machine or modify an existing one. Xencenter can also configure remote storage and configure network of virtual machines.

**3.37 "NetApp Virtual Storage Console for Citrix Xen Server"** also known as VSC. This plug-in to XenCenter provides management capabilities for NetApp storage, including provisioning, deduplication, resizing, and destruction of storage repositories. VSC also enables Citrix administrators to deploy thousands of VMs in only a few minutes.

**3.38 "Fibre Channel (FC)"** is a high-speed data transfer protocol (commonly running at 1, 2, 4, 8, 16, 32, 64, and 128 gigabit per second rates) providing in-order, lossless delivery of raw block data. Fibre Channel is primarily used to connect computer data storage to servers in storage area networks (SAN) in data centers.

**3.39 "Shadow Copy"** is a technology included in Microsoft Windows that can create backup copies or snapshots of computer files or volumes, even when they are in use. It is implemented as a Windows service called the Volume Shadow Copy service.

**3.40 "Previous Versions"** is a restore method on windows servers that uses Shadow copy.

**3.41 "Ransomware"** is a type of malware from cryptovirology that threatens to publish the victim's data or perpetually block access to it unless a ransom is paid.

- 3.42 “RAM”** Random-access memory is a form of computer memory that can be read and changed in any order, typically used to store working data and machine code. A random-access memory device allows data items to be read or written in almost the same amount of time irrespective of the physical location of data inside the memory.
- 3.43 “NVRAM”** Non-volatile random-access memory (NVRAM) is random-access memory that retains data without applied power. This is in contrast to dynamic random-access memory (DRAM) and static random-access memory (SRAM), which both maintain data only for as long as power is applied, or such forms of memory as magnetic tape, which cannot be randomly accessed but which retains data indefinitely without electric power.
- 3.44 “SAS”** is Serial Attached SCSI a point-to-point serial protocol that moves data to and from computer-storage devices such as hard drives and tape drives. SAS replaces the older Parallel SCSI (Parallel Small Computer System Interface, usually pronounced "scuzzy") bus technology that first appeared in the mid-1980s.
- 3.45 “Snapshot”** means “storage snapshot” which is a set of reference markers for data at a point in time. Each snapshot taken creates another branch of the tree. Snapshots are generally created for data protection, but they can also be used for testing application software and data.

#### **4. GENERAL REQUIREMENTS:**

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

**4.1.1 Vendor must provide NetApp FAS (FlexArray Storage) 8200 or equal storage array. The FlexArray Storage must meet the minimum requirements listed below:**

**4.1.1.1** The Storage Array must provide dual storage controllers that function as a highly available clustered pair and must meet the following minimum requirements:

**4.1.1.1.1** 64 GB of RAM

**4.1.1.1.2** 8GB of NVRAM

**4.1.1.1.3** 1 x RJ45 10gb Ethernet ports.

**4.1.1.1.4** 2 x SFP+ 10gb Ethernet ports or Fiber Channel ports.

**4.1.1.1.5** 2 x 12gb SAS ports or Fiber Channel ports.

**4.1.1.1.6** 2 x 64-bit 12 core intel 1.70GHz CPU.

**4.1.1.2** The storage array must have the following storage capacity:

**4.1.1.2.1** 120 TiB (Tebibyte/Binary Terabytes) of storage usable after formatting.

**4.1.1.2.2** The storage must be composed of a minimum of 30% solid state drives of the storage space provided.

**4.1.1.2.3** Must be expandable to increase storage by up to 50%.

**4.1.1.2.4** Must support clustering with additional controllers with a minimum cluster size of eight (8) or more controllers providing live mobility of storage volumes between controllers with zero downtime.

**4.1.1.3** The storage array must provide the following functionality:

**4.1.1.3.1** Must provide a single management interface for both block and file storage functionality.

**4.1.1.3.2** Must have Microsoft shadow copy integration such that the storage system creates shadow copy information on a read only storage snapshot LUNs that are accessible by Microsoft servers to restore using the previous versions features available to end users in a self-help manner.

**4.1.1.3.3** Must have a policy to block common ransomware file extensions.

- 4.1.1.3.4 Must support single, double, and triple parity RAID.
- 4.1.1.3.5 Must support Volume Encryption.
- 4.1.1.3.6 Must support per volume deduplication that can be enabled or disabled, during and after volume creation.
- 4.1.1.3.7 Must support per volume compression that can be enabled or disabled, during and after volume creation.
- 4.1.1.3.8 Must support the ability to natively offload/de-stage cold data to the on and/or off premise private or commercial cloud (S3).
- 4.1.1.3.9 Must be able to create redirect on write snapshots within the storage array.
- 4.1.1.3.10 Must support zero downtime firmware and OS upgrades to the storage controllers.
- 4.1.1.3.11 Must support hot spare drive capability.
- 4.1.1.4 The storage array must support the following protocols:
  - 4.1.1.4.1 iSCSI (internet small computer systems interface) or Fiber Channel.
  - 4.1.1.4.2 NFS (network file system).
  - 4.1.1.4.3 pNFS (parallel network file system).
  - 4.1.1.4.4 Must support ODX extension when utilized with Microsoft Hyper- V virtualization platform.
- 4.1.1.5 The storage array must support at a minimum the following Agency owned operating systems:



## NetApp FAS (FlexArray Storage) 8200 and Support

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**4.1.1.5.1** Windows Server 2008

**4.1.1.5.2** Windows Server 2012

**4.1.1.5.3** Windows Server 2016

**4.1.1.5.4** Windows Server 2019

**4.1.1.5.5** Xen Hypervisor and Red Hat Virtualization Hypervisor

**4.1.1.6** The storage array must include a Virtual Storage Console for Citrix XenServer.

**4.1.1.7** Additional equipment cost must be included in the total cost of the NetApp FAS (FlexArray Storage) 8200 or equal quote. All cables and connectors to connect all equipment must work together at full speed and with redundancy. The power cables will need to have a C20 end to fit our existing PDUs.

### **4.1.2 Technical Support and Parts Replacement**

**4.1.2.1** Must include 24x7 remote and on-site technical support and parts replacement for a duration of no less than one (1) year from the date of equipment testing and acceptance by the WVDEP.

**4.1.2.2** Must adhere to the following support response times:

**4.1.2.2.1** Priority 1: Thirty (30) minutes (storage down and unable to serve data or a state of frequent "panic" or "hang" states, or storage performance is degraded to prevent normal business operations).

**4.1.2.2.2** Priority 2: Two (2) hours (storage experiencing infrequent, isolated, or intermittent "panic" or "hang" states, or performance is in a degraded state that still allows normal business operations but is inconsistent or less than optimal state).

**4.1.2.2.3** Priority 3: Eight (8) hours (storage experiencing an issue, anomaly, or cosmetic defect that inflicts little or no business impact).

**4.1.2.2.4** Priority 4: Twenty-four (24) hours (Normal requests for information regarding installation, configuration, use, and maintenance of the storage system).

**4.1.2.3** Support for configuration of the storage arrays and the switching hardware to allow new compute resources (blade servers).

**4.1.2.4** Support for configuring “Call Home” feature, register the solution with vendor support and assist in registration of WVDEP personnel on the support site.

**4.1.2.5** Support must include advance hardware replacement. If the original equipment is not returned to the agency, vendor must provide a communication regarding the removed item which shall include item name, serial number and/or WVDEP property tag (if applicable).

**4.1.3 Training:** This section will outline training required as part of this solicitation. Training must include information so that DEP personnel can perform the following:

**4.1.3.1** Vendor must train DEP personnel to install and configure the new equipment.

**4.1.3.2** Vendor must train DEP personnel to perform day to day administrative activities.

**4.1.3.3** Vendor must train DEP personnel to perform system maintenance such as software and firmware upgrades.

**4.1.4 Software Licenses:**

**4.1.4.1** Vendor must include any additional software licenses needed for the process in their bid response. The NetApp storage arrays on which the storage requirements were based provides native replication tools for this functionality.

**4.1.4.2** All software and software licenses needed for this solicitation must be included with vendors bid. Software licenses will be retained by WVDEP.

## **5. CONTRACT AWARD:**

**5.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.

**5.2 Pricing Page:** Vendor should complete the Pricing Page by entering their pricing information into wvOASIS. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

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

Vendors who wish to respond to a Centralized Request for Quotation (CRFQ) online may submit information through the State's wvOASIS Vendor Self Service (VSS). If unable to respond online, Vendor must submit their Pricing Page with their submitted bid prior to the schedule bid opening date.

Vendor should type or electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document.

### **5.3 Alternate "or Equal" Submission**

**5.3.1** Vendors that are providing "or equal" equipment must provide a listing of all equipment proposed to complete this solicitation for evaluation to determine if the bid meets specifications. Vendor submitting an alternate

brand must include documentation with their bid. Vendor must include alternate brand information with alternative part numbers on Pricing Page.

- 5.4 Acceptance:** Acceptance shall be defined as successful demonstration and testing of all system requirements, including training, with the ability for all users to navigate and utilize the system to perform their defined roles. The agency with the Vendor's acceptance will issue a written letter and Change Order request to WV Purchasing Division as formal acceptance of the system. Upon mutual agreement of acceptance by both the Agency and the Vendor, the Change Order issued by WV Purchasing Division will start the first-year technical support and parts replacement.

**6. PAYMENT:**

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

**7. DELIVERY AND RETURN:**

- 7.1 Shipment and Delivery:** Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order or notice to proceed. Vendor shall deliver the Contract Items within ninety (90) calendar days after receiving a purchase order or notice to proceed.

Contract Items must be delivered to Agency at:

WV Department of Environmental Protection  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

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

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

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

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

## **8 VENDOR DEFAULT:**

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

- 8.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
- 8.1.2** Failure to comply with other specifications and requirements contained herein.
- 8.1.3** Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
- 8.1.4** Failure to remedy deficient performance upon request.

**8.2** The following remedies shall be available to Agency upon default.

- 8.2.1** Immediate cancellation of the Contract.
- 8.2.2** Immediate cancellation of one or more release orders issued under this Contract.
- 8.2.3** Any other remedies available in law or equity.



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> 967819			<b>Reason for Modification:</b>
<b>Doc Description:</b> BTO145-21 NetApp FAS (FlexArray Storage) 8200 or Equal & Sup			
<b>Proc Type:</b> Central Purchase Order			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2021-11-19	2021-12-08 13:30	CRFQ 0313 DEP2200000019	1

**BID RECEIVING LOCATION**

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

**VENDOR**

**Vendor Customer Code:**  
**Vendor Name :** Software Information Systems  
**Address :**  
**Street :** 165 Barr St  
**City :** Lexington  
**State :** KY **Country :** USA **Zip :** 40507  
**Principal Contact :** Karen Smallwood  
**Vendor Contact Phone:** 359-398-3222 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**

Joseph E Hager III  
(304) 558-2306  
joseph.e.hageriii@wv.gov

**Vendor Signature X** *Karen A. Smallwood* **FEIN#** 61-1371685 **DATE** 12/6/2021

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 West Virginia Department of Environmental Protection to establish a contract for the one-time purchase of NetApp FAS (FlexArray Storage) 8200 or equal per the attached specifications and terms and conditions.

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

ENVIRONMENTAL  
PROTECTION  
OFFICE OF ADMINISTRATION  
601 57TH ST SE  
CHARLESTON  
US

WV

ENVIRONMENTAL  
PROTECTION  
601 57TH ST  
  
CHARLESTON  
US

WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	NetApp FAS (FlexArray Stor) 8200 or equal & add. equip 4.1.1	1.00000	EA	40,000	40,000

Comm Code	Manufacturer	Specification	Model #
43201802			

**Extended Description:**

BTO145-21 NetApp FAS (FlexArray Storage) 8200 or equal and additional equipment 4.1.1

See section 4.1.1 through 4.1.1.7

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

ENVIRONMENTAL  
PROTECTION  
OFFICE OF ADMINISTRATION  
601 57TH ST SE  
CHARLESTON  
US

WV

ENVIRONMENTAL  
PROTECTION  
601 57TH ST  
  
CHARLESTON  
US

WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Technical Support and Parts Replacement 4.1.2			25000	25000

Comm Code	Manufacturer	Specification	Model #
81111812			

**Extended Description:**

Technical Support and Parts Replacement

See section 4.1.2

INVOICE TO			SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON US	WV		ENVIRONMENTAL PROTECTION 601 57TH ST  CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Software Licenses 4.1.4	1.00000	EA	46,000	46,000

Comm Code	Manufacturer	Specification	Model #
43230000			

**Extended Description:**  
Software Licenses

See section 4.1.4

INVOICE TO			SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON US	WV		ENVIRONMENTAL PROTECTION 601 57TH ST  CHARLESTON US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Training 4.1.3			12,000.00	

Comm Code	Manufacturer	Specification	Model #
86000000			

**Extended Description:**  
Training

See section 4.1.3

#### SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
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Client#: 649698

CONVEACQUI

ACORD™

## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/21/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER <b>Marsh &amp; McLennan Agency LLC</b> 11330 Lakefield Drive Suite 100 Johns Creek, GA 30097-1508	CONTACT NAME: <b>Ranee Mannion</b> PHONE (A/C, No, Ext): <b>770-295-1008</b> E-MAIL: <b>Ranee.Mannion@MarshMMA.com</b> ADDRESS:	FAX (A/C, No):
INSURED <b>Software Information Systems, LLC</b> 165 Barr Street, Suite 100 Lexington, KY 40507	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: <b>Hartford Casualty Insurance Company</b>	<b>29424</b>
	INSURER B: <b>Hartford Fire Insurance Co.</b>	<b>19682</b>
	INSURER C: <b>The Cincinnati Insurance Company</b>	<b>10677</b>
	INSURER D: <b>Endurance American Specialty Insurance</b>	<b>41718</b>
	INSURER E:	
	INSURER F:	

## COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADD'L SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:	Y	20UUNPB8809	06/20/2021	06/20/2022	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY		20UUNPB8809	06/20/2021	06/20/2022	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$10000		20RHUPB8432	06/20/2021	06/20/2022	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	20WEAI4023	06/20/2021	06/20/2022	X PER STATUTE E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
B	<b>Profssnl/Cyber</b>		TE0290799	06/20/2021	06/20/2022	\$10MM per occ/\$10MM agg
D	<b>Profssnl/Cyber</b>		NRX30008071900	06/20/2021	06/20/2022	
C	<b>Crime Incl3rdPart</b>		EMP0590511	06/20/2021	06/20/2022	\$5,000,000 per occur

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

(General Liability) Certificate holder included as Additional Insured per form HG 0001(09/16) - General

Liability Coverage Form

## CERTIFICATE HOLDER

## CANCELLATION

State of West Virginia Department  
of Administration Purchasing  
Division  
2019 Washington Street, East  
Charleston, WV 25305-0000

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

PETER J. KRAUSE

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