



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 4

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

Procurement Folder: 840904

Procurement Type: Central Master Agreement

Vendor ID: VS0000018935

Legal Name: SMARTRONIX LLC

Alias/DBA:

Total Bid: \$3,383,614.28

Response Date: 05/27/2021

Response Time: 13:25

Responded By User ID: jordansherman

First Name: Jordan

Last Name: Sherman

Email: jsherman@smartronix.co

Phone: 703-435.3322

SO Doc Code: CRFQ

SO Dept: 0210

SO Doc ID: ISC2100000018

Published Date: 5/11/21

Close Date: 5/27/21

Close Time: 13:30

Status: Closed

Solicitation Description: Tax Infrastructure RFQ (OT21093)

Total of Header Attachments: 4

Total of All Attachments: 4



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 840904
Solicitation Description: Tax Infrastructure RFQ (OT21093)
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2021-05-27 13:30	SR 0210 ESR05272100000007865	1

VENDOR
 VS0000018935
 SMARTRONIX LLC

Solicitation Number: CRFQ 0210 ISC2100000018
Total Bid: 3383614.279999999795109033584 **Response Date:** 2021-05-27 **Response Time:** 13:25:42
Comments: Please review comment section in response columns for additional details on pricing

FOR INFORMATION CONTACT THE BUYER
 Jessica S Chambers
 (304) 558-0246
 jessica.s.chambers@wv.gov

Vendor 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	3.1.1 Production Environment	12.00000	MO	191974.000000	2303688.00

Comm Code	Manufacturer	Specification	Model #
71151106			

Commodity Line Comments: Pricing Included
Monthly AWS Costs
Contract Line Item Fees \$4,004,000 (4 times year) broken down to monthly in the contract

Extended Description:
3.1.1 Production Environment

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	3.1.2 Testing Environment	12.00000	MO	28091.000000	337092.00

Comm Code	Manufacturer	Specification	Model #
71151106			

Commodity Line Comments: Pricing Included
AWS Monthly Costs
Monthly Backup Costs

Extended Description:
3.1.2 Testing Environment

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	3.1.3 Backup Environment	12.00000	MO	30800.190000	369602.28

Comm Code	Manufacturer	Specification	Model #
71151106			

Commodity Line Comments: Pricing Included
Monthly AWS Costs
Contract Line Item Fees \$400,000 (4 times year) broken down to monthly in the contract

Extended Description:
3.1.3 Backup Environment

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	3.3 Professional Services	100.00000	HOUR	3732.320000	373232.00

Comm Code	Manufacturer	Specification	Model #
71151106			

Commodity Line Comments: Professional Services \$173,000 for 843 man hours
Monthly Managed Service Costs \$16,686

Extended Description:
3.3 Professional Services

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	3.5.1 Scalability per 50GB	100.00000	EA	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
71151106			

Commodity Line Comments: No Additional Cost as this is included in our CAMS (Monthly Managed Services)....autoscaling accomplishes this.

Extended Description:

3.5.1 Scalability per 50GB

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	3.5.2 Scalability per 1 CPU	100.00000	EA	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
71151106			

Commodity Line Comments: No Additional Cost as this is included in our CAMS (Monthly Managed Services)....autoscaling accomplishes this.

Extended Description:

3.5.2 Scalability per 1 CPU

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	3.5.3 Scalability per 1GB	100.00000	EA	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
71151106			

Commodity Line Comments: No Additional Cost as this is included in our CAMS (Monthly Managed Services)....autoscaling accomplishes this.

Extended Description:

3.5.3 Scalability per 1GB

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFO-0210-ISC210000018-7

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

Addendum No. 1

Addendum No. 6

Addendum No. 2

Addendum No. 7

Addendum No. 3

Addendum No. 8

Addendum No. 4

Addendum No. 9

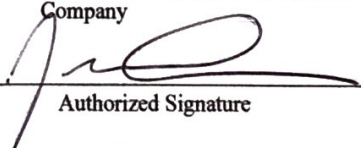
Addendum No. 5

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.

Smartronix, LLC

Company



Authorized Signature

5.25.21

Date

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

Appendix A

(To be completed by the Agency's Procurement Officer prior to the execution of the Addendum, and shall be made a part of the Addendum. Required information not identified prior to execution of the Addendum may only be added by amending Appendix A and the Addendum, via Change Order.)

Name of Service Provider/Vendor: SMARTRONIX, LLC.

Name of Agency: West Virginia Office of Technology

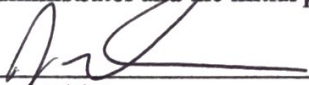
Agency/public jurisdiction's required information:

1. Will restricted information be processed by the service provider?
Yes
No
2. If yes to #1, does the restricted information include personal data?
Yes
No
3. If yes to #1, does the restricted information include non-public data?
Yes
No
4. If yes to #1, may the service provider store public jurisdiction data in a data center in an acceptable alternative data center location, which is a country that is not the U.S.?
Yes
No
5. Provide name and email address for the Department privacy officer:
Name: Jennelle Jones
Email address: Jennelle.H.Jones@wv.gov

Vendor/Service Provider's required information:

6. Provide name and contact information for vendor's employee who shall serve as the public jurisdiction's primary security contact:
Name: RAZAQ AHMED
Email address: maahmed@smartronix.com
Phone Number: (703) 435-3322 x 119

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.

 SLED ACCOUNT MANAGER
(Name, Title)
Jordan M. Sherman SLED Account Manager
(Printed Name and Title)
44150 Smartronix Way, Hollywood, MD 20636
(Address)
765.426.1193 301.373.7176
(Phone Number) / (Fax Number)
jsherman@smartronix.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.

Smartronix, LLC.
(Company)

Terrie Callahan
(Authorized Signature) (Representative Name, Title)

Terrie Callahan Senior Contracts Manager
(Printed Name and Title of Authorized Representative)

5.27.21
(Date)

703.314.1458 301.373.7176
(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, 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: Smartronix, LLC.

Authorized Signature: *Terrie Callahan* Date: 5.27.21

State of _____

County of _____, to-wit:

Taken, subscribed, and sworn to before me this ___ day of _____, 20__.

My Commission expires _____, 20__.

AFFIX SEAL HERE

NOTARY PUBLIC _____

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

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

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

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or *"Interested parties"* means:

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

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

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

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

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Smartronix, LLC. Address: 44150 Smartronix Way
Hollywood, MD 20636

Name of Authorized Agent: Terrie L. Callahan Address: 44150 Smartronix Way

Contract Number: CFRQ 0201 ISC2100000018 Contract Description: Tax Infrastructure RFQ (OT21093)

Governmental agency awarding contract: Office of Technology

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: Terrie Callahan

Date Signed: 5.27.21

Notary Verification

State of _____, County of _____:

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

Taken, sworn to and subscribed before me this _____ day of _____, _____.

Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____

- 3.1.1.11 Firewall Service

- 3.1.1.11.1

- AWS Managed Security Services provide HA & reliability with no vendor or team maintenance required

- 3.1.1.11.2

- AWS Managed Security Services can be applied to multiple AWS VPCs & Subnets within a VPC

- 3.1.1.11.3

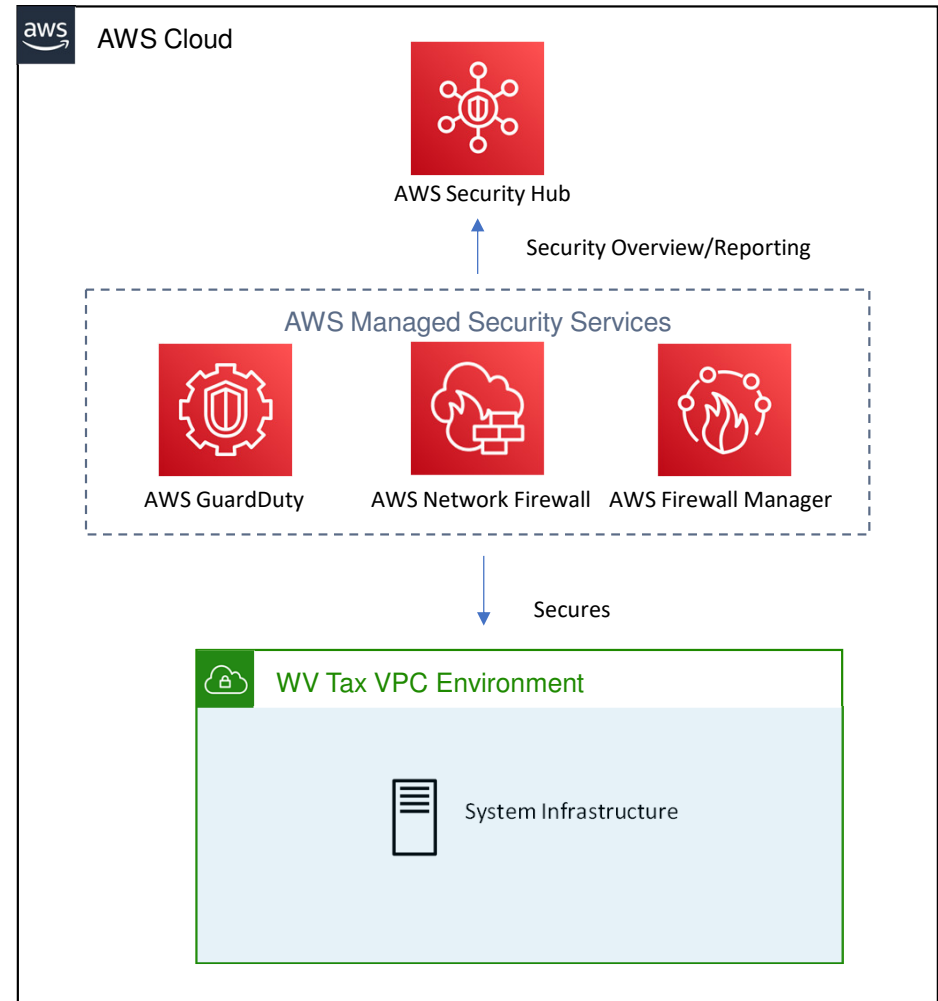
- AWS GuardDuty offers a ThreatList feature that meets this requirement

- 3.1.1.11.4 | 3.1.1.11.5

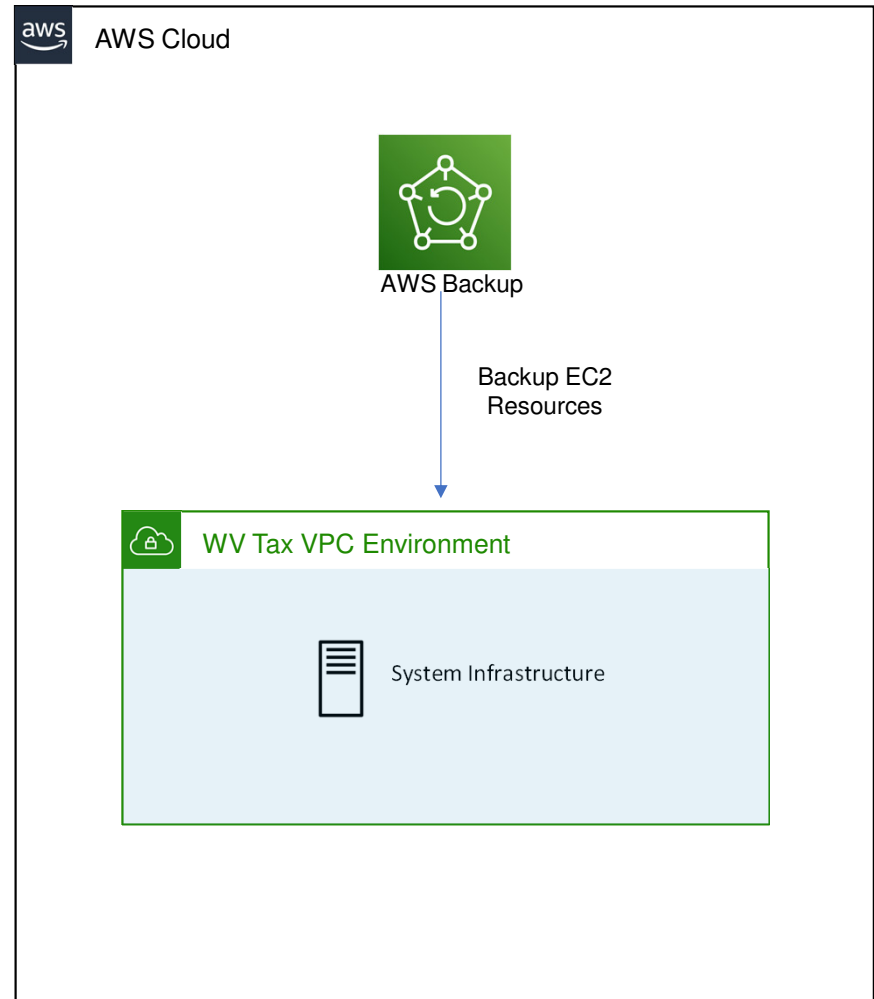
- AWS Firewall services allow the creation/application of traffic filtering rules from a centralized management tool

- 3.1.1.11.6

- AWS Managed Security Services create logs of captured events



- 3.1.1.2 Backup Service
 - 3.1.2.1.1
 - AWS Backup is a managed AWS Service for backing up EC2 instances
 - 3.1.2.1.2
 - AWS Backup runs on a defined schedule
 - 3.1.2.1.3
 - AWS Backup allows simple restoration
 - 3.1.2.1.4
 - AWS Backup lifecycle exceeds the 60 day requirement
 - 3.1.2.1.5
 - RDS is recommended for databases. AWS Backup supports both EC2 & RDS services



- 3.1.1.12 Load Balancer Service

- 3.1.1.12.1

- AWS Elastic Load Balancer is a managed AWS load balancing service with high uptime

- 3.1.1.12.2

- AWS ELBs can be placed in front of internal or external facing resources

- 3.1.1.12.3

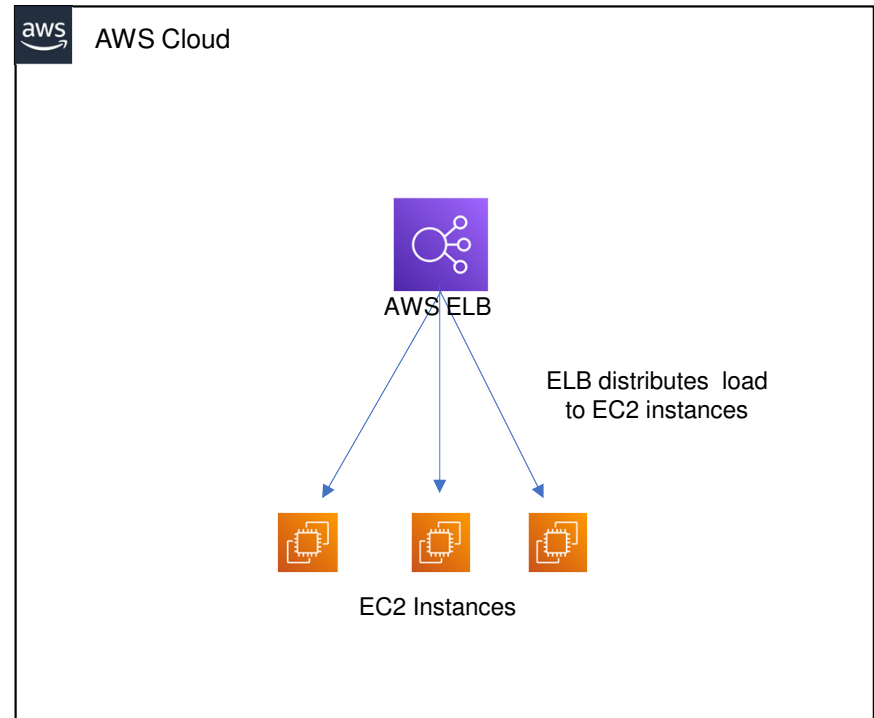
- AWS ELBs support Health Checks

- 3.1.1.12.4

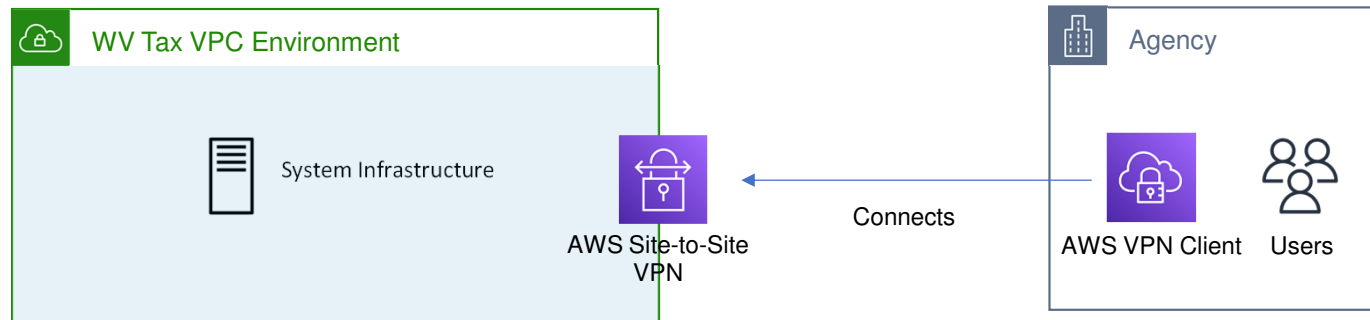
- AWS ELBs support various traffic routing options when a resource is unhealthy

- 3.1.1.12.5

- AWS ELBs generate logs of incoming requests



- 3.1.1.13 VPN Service
 - AWS Site-to-Site VPN for cloud-to-agency tunnels
 - AWS Client VPN for managing access
 - 3.1.1.13.2 | 3.1.1.133
 - AWS Site-to-Site supports encryption
 - 3.1.1.13.4
 - AWS VPN Client supports MFA
 - 3.1.1.13.5
 - AWS VPN Services produce logs of events



WV Tax VPC Environment

Isolated Subnets Per Resource Group

2x Private Subnet – Application (3.1.1.1)




7x EC2 Windows Server 2019 Servers
Split over 2 Availability Zones

2x Private Subnet – Report (3.1.1.2)




2x EC2 Windows Server 2019 Servers
Split over 2 Availability Zones

Private Subnet – Workflow (3.1.1.3)



RDS Hosted SQL Server 2019

Private Subnet – Oracle (3.1.1.4)




RDS Hosted Oracle Servers

Private Subnet – Oracle (3.1.1.5)



1x EC2 Oracle Linux 8 Server

Private Subnet – GIS (3.1.1.6 | 3.1.1.7)



RDS Hosted Oracle & EC2 Windows Server 2019

Private Subnet – GIS (3.1.1.7)



1x EC2 Windows Server 2019

- AWS EC2 supports required server specifications
 - Resource groups split over AZs when possible
- AWS RDS supports required Database platforms with less overhead maintenance than hosting on EC2
 - Multi-AZ Support for HA
 - Automated Backup
- *Recommend using AWS SSM for server access instead of Bastion Host*

Associated with subnet(s) as needed



AWS Managed Microsoft AD (3.1.1.9)

Associated with subnet(s) as required



AWS Elastic Load Balancer (3.1.1.12)

Emails sent via AWS SES



AWS Simple Email Service (3.1.1.14)