



Associated Systems Professionals

P.O. Box 8637
419 D Street
South Charleston, WV 25303
aspwv.com

March 7, 2011

TO:

Department of Administration
WV Purchasing Division
Building 15
2019 Washington Street, East
Charleston, WV 25305-0130

RE:

SEALED BID
Buyer: Paul Reynolds FILE 43
RFQ Number: DEV1258
Bid Opening Date: 03/07/2012
Bid Opening Time: 1:30pm

Associated Systems Professionals is pleased to offer the enclosed response to RFQ Number DEV1258 for materials and services in support of the WV Department of Commerce. We look forward to the opportunity to assist you in further refining the requirement and specification of hardware and software prior to implementation.

Thank you for your consideration of this response.

Sincerely,

Daniel J. Tate
Owner / Manager
Associated Systems Professionals, llc
2345 Chesterfield Avenue, Ste 400
Charleston, WV 25304
Voice: 304-343-6337
FAX: 304-33-6339
dan@aspwv.com
www.aspwv.com



Bid Instructions:

The bid should be in a format such as this:

<p>The monthly managed hosting fee: \$ <u>8400⁰⁰</u> x 12 months = \$ <u>100800⁰⁰</u> annual fee.</p> <p>Application set up, configuration and testing: \$ <u>100⁰⁰</u> per hour x <u>32</u> hours = \$ <u>3200⁰⁰</u> one-time set-up fee.</p> <p>System administration support: \$ <u>125⁰⁰</u> per hour x 4 hours per month x 12 months = \$ <u>6000⁰⁰</u> annual fee.</p> <p style="text-align: center;">Dulq. Tate 3/7/2012</p> <p style="text-align: right;">Total: 110,000⁰⁰ (1 year)</p>
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Please provide the vendor's service level agreement terms along with the pricing for our review. The selected vendor must comply with West Virginia's general terms and conditions for RFQs.

Commerce is seeking a one-year managed hosting contract, renewable at the same price and terms for two subsequent years.

Associated Systems Professionals
 P.O. Box 8637
 419 D. Street
 South Charleston, WV 25303
 Fax # 304-343-6339
 Contact Person: Daniel Tate



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

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**Request for
 Quotation**

RFQ NUMBER
DEV1258

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ADDRESS CORRESPONDENCE TO ATTENTION OF:
**PAUL REYNOLDS
 304-558-0468**

RFQ COPY
 TYPE NAME/ADDRESS HERE
 VENDOR

SHIP TO
**WV DEVELOPMENT OFFICE
 ADMINISTRATION
 BUILDING 6, ROOM 645
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0311 304-558-0350**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/16/2012				
BID OPENING DATE: 03/07/2012		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001				920-19	8400 ⁰⁰ /mo (12)	100,800 ⁰⁰
					100 ⁰⁰ /hr (30)	3200 ⁰⁰
					125 ⁰⁰ /hr (48)	6000 ⁰⁰
				OPEN-END CONTRACT		
<p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DEVELOPMENT OFFICE ON BEHALF OF THE WEST VIRGINIA DEPARTMENT OF COMMERCE IS SEEKING A VENDOR TO PROVIDE MANAGED HOSTING SERVICES FOR THE DIVISION'S WEB PLATFORM WWW.WVCOMMERCE.ORG PER THE ATTACHED SPECIFICATIONS.</p> <p>EXHIBIT 1</p> <p>LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE UPON AWARD AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT BY THE STATE OF WEST VIRGINIA, ITS AGENCIES, OR POLITICAL SUBDIVISIONS, THE TERMS, CONDITIONS AND PRICING SET FORTH HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR,</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Paul Reynolds* TELEPHONE 304-343-6337 DATE 3/6/12

TITLE *Owner/Manager* FEIN 20-1774564 ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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VENDOR	RFQ COPY
	TYPE NAME/ADDRESS HERE

SHIP TO	WV DEVELOPMENT OFFICE ADMINISTRATION BUILDING 6, ROOM 645 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0311	304-558-0350
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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/16/2012				
BID OPENING DATE: 03/07/2012		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) SUCCESSIVE ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK).</p> <p>INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COVERAGE OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF THE CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>WORKER'S COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKER'S COMPENSATION IF SUCCESSFUL.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 9/98</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
<i>[Signature]</i>	304-343-6337	3/6/12	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
Owner/Manager	20-1774564		

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02/16/2012				
BID OPENING DATE: 03/07/2012		BID OPENING TIME		01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: PAUL REYNOLDS FILE 43</p> <p>RFQ. NO.: DEV1258</p> <p>BID OPENING DATE: 03/07/2012</p> <p>BID OPENING TIME: 01:30 P.M.</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-343-6339</p> <hr/> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): <i>Daniel Tate</i></p> <hr/> <p>ANY INDIVIDUAL SIGNING THIS BID IS CERTIFYING THAT: (1) HE OR SHE IS AUTHORIZED BY THE BIDDER TO EXECUTE THE BID OR ANY DOCUMENTS RELATED THERETO ON BEHALF OF THE BIDDER, (2) THAT HE OR SHE IS AUTHORIZED TO BIND</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-343-6339	DATE 3/6/12
TITLE <i>Owner/Manager</i>	FEIN 20-1774564	ADDRESS CHANGES TO BE NOTED ABOVE

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OPENING DATE: 03/07/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
THE BIDDER IN A CONTRACTUAL RELATIONSHIP, AND (3) THAT THE BIDDER HAS PROPERLY REGISTERED WITH ANY STATE AGENCIES THAT MAY REQUIRE REGISTRATION.						
***** THIS IS THE END OF RFQ DEV1258 ***** TOTAL:						<u>110,000⁰⁰</u>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	304-343-6337	3/6/12
OFFICE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Owner Manager	20-1774564	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

Service Level Agreement (SLA) provided in response to WV DEV1258

Designated client contacts have access via Email & Telephone to Associated Systems Professionals (ASP) Helpdesk and After Hours Support Professionals. All requests will be documented and tracked for reporting request resolution.

Contacting Support:

Telephone access will be via the ASP helpdesk phone during business hours (8am-5pm eastern time). After-hours telephone support will be provided via a call out schedule with after-hours phone numbers distributed to the designated client contacts. The client may wish to provide their email address during creation of a request. If an email address is provided, ASP may respond and/or correspond via email, otherwise client contact will be via return telephone call.

Customer Responsibilities

Submitting Issues - The customer will provide a list of designated customer contacts that are permitted to submit requests. Designated contacts will call the helpdesk or after-hours telephone numbers. The contact will provide a description of the issue, return call telephone numbers and email addresses, other pertinent contact names and perceived Severity as defined below.

Definition of Severities:

- Severity 1 – System is Down (time for ASP response 1hr)
- Severity 2 - High impact bug or error is preventing use of core software features (time for ASP response 2hrs)
- Severity 3 – Systems is not as responsive as typically expected (time for ASP response 4hr)
- Severity 4 – Bug or error that can be duplicated, but is low impact and not widespread (time for ASP response 4hrs)

When requesting ticket status, please refer to the ticket number provided at the time the issue was submitted.

ASP Responsibilities

Initial Response - Upon receipt, the issue will be logged in our ticket tracking system and a response that includes the ticket number will be given to the client. Investigation of the request and resolution of issues will begin within the severity response times above.

Notification – For high severity issues (levels 1 – 2), status updates will be provided to the primary contacts by phone. Lower level severity issues (levels 3-4) will receive email and/or phone updates.

Resolution –We will continue to work on the issue according to the above schedule until the problem is resolved or redirected (to other client resources) by the client.

Supporting Documentation

RFQ Number: **DEV1258**

Submitted by **Associated Systems Professionals, llc**

March 7, 2012

1. SCOPE OF WORK RFQ DEV1258 as addressed by Associated Systems Professionals, llc
2. RackSpace PROPOSAL FOR HOSTING SERVICES
3. Network Diagram

SCOPE OF WORK RFQ DEV1258 as addressed by Associated Systems Professionals, llc

The following addresses RFQ DEV1258 Sections 1.0 and 1.1

Hosting Provider is RackSpace, a Gartner Tier Leader.

Managed Hosting Services

- 24x7x365 Support
- 1 Hour hardware Replacement Guarantee
- Port Monitoring Service
- Monthly Server Patching and vulnerability Analysis
- New Hardware Provisioned in 15 Business Days

Bandwidth

- Up to 4 TB Outbound Transfer
- Unlimited Inbound Transfer
- 100 Mbps Connectivity to the Internet, 300 Mbps Aggregate or greater
- Redundancy of four or more Diverse Path Backbone Internet Connections

Server Hardware and VM Hosting Solution:

The following addresses RFQ DEV1258 Sections 2.0, 2.1, 2.2, 3.1 and 3.3

Creation of a Private Cloud where three Microsoft Windows servers are virtualized on two VMWare Host Systems using VMWare with High Availability (HA).

Hardware – Servers (2) running VMWare with HA

- Dell PowerEdge R710 or comparable
- Dual Processor, HEX Core Intel Xeon E5645 Processor
- 48 GB of RAM
- Redundant power supply
- 1000 Mbps Connectivity
- VMWare with HA

Hardware - External Storage Array

- Dell PowerVault MD3200 Dedicated Storage Unit
- 9 x 600GB 15k SAS Drives, RAID 5 + Hotspare (4.2TB accessible)
- Redundant power supply
- Dual Active/Active Storage Controllers with 512MB battery-backed cache per controller

Virtual Server - One of Three: Web

- 750GB storage allocated
- 8GB RAM allocated
- Microsoft Windows 2008 Enterprise Edition with IIS 64-bit

Virtual Server - Two of Three: Database

- 1TB storage allocated
- 16GB RAM allocated
- Microsoft Windows 2008 Enterprise Edition 64-bit
- Microsoft SQL Server 2008 Standard Edition
- Managed Backup Agent for Microsoft SQL Server

SCOPE OF WORK RFQ DEV1258 as addressed by Associated Systems Professionals, llc**Virtual Server - Three of Three: Analysis**

- 2TB storage allocated
- 16GB plus all remaining available RAM
- Microsoft Windows 2008 Enterprise Edition 64-bit
- Microsoft SQL Server 2008 Standard Edition
- Microsoft SQL Analysis Services
- Managed Backup Agent for Microsoft SQL Server

Other Services – addresses RFQ DEV1258 sections 3.1, 3.4, 3.6 and 3.7

Cisco firewall hardware, hosting vendor monitoring and backup services

Firewall –

- Cisco ASA 5510
- 100Mbps Throughput
- 130,000 Concurrent Connections
- Stateful packet inspection
- Fully Managed Device, includes 24x7 Monitoring, Rule Changes and 1 hour replacement guarantee

Monitoring - Server & Application Monitoring

- Port Monitoring
- Ping and TCP Port 80
- Additional Ports Monitored (e.g. FTP, SSH, DNS, POP3, MSSQL)
- 5 Minute Polling with Automated Ticket Creation and Response

Monitoring - Advanced Availability Monitoring

- URL, FTP and mail Service Monitoring
- 10 Minute Polling, Automatic Alert Escalation

Monitoring - Synthetic Transaction Monitoring

- Scripted Site Walkthrough to Simulate a Typical User Interaction
- 10 Minute Polling with Automatic Alert Escalation

Managed Backup - addresses RFQ DEV1258 sections 3.8

- Setup Configuration and Monitoring
- Weekly Full, Daily Differential Backup Schedule
- Automatic Tape Rotation, 2-Week On-site retention

SCOPE OF WORK RFQ DEV1258 as addressed by Associated Systems Professionals, Ilc**Application Setup and Support – addresses RFQ DEV1258 sections 4.1 and 4.2**

Services and Support provided by Associated Systems Professionals, Ilc

Application Setup – services to implement configuration changes separating the analytics services and SQL database.

- Analysis Server Setup
- Develop a data storage plan and automated service to purge the old log files on a monthly basis keeping 13 months of traffic history at all times.
- Configuration changes necessary to redirect analysis from the Web server to the new dedicated analysis server.

Monthly System Administration Support –

- Respond to emergency call 24x7 from Commerce personnel when the application is down and assisting Commerce personnel in determining if an outage is a coding or hosting issue
- Follow step-by-step instructions to restart the Commerce application if it is reported down by Commerce personnel after hours or on weekends.
- Clearing log files and restarting the analytics server if it is reported by Commerce personnel as getting “backed up”

PROPOSAL FOR HOSTING SERVICES

Solution Details:

Data Center: **Elk Grove Village (ORD1)**
 Service Level: **Managed**
 Term: **12 months**
 Special Notes:

Default

Data Center: Elk Grove Village (ORD1)

1.0 Managed Hosting Services - 24x7x365 Support Managed Windows Support Segment				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • 24x7x365 Fanatical Support™ • 1 Hour Hardware Replacement Guarantee • The Rackspace Zero-Downtime Network™ • Dedicated Account Management and Business Development Team • Rackwatch Port Monitoring Service • Included Access to My.Rackspace Portal (Ticket Manager, DNS Manager, Bandwidth and Backup Reports, Doc Center, Knowledgebase, Billing Options) • Automated Server Patching via Microsoft Automatic Update 				

1.0 Microsoft SQL Support.				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • Database Services: <ul style="list-style-type: none"> ○ Basic Best Practices Installation ○ Configuration for Monitoring, Patching and Backups (if subscribed) ○ Configuration for Standard Maintenance Plans ○ Automated Escalation of Monitoring Alerts ○ Troubleshooting for Connectivity Issues ○ Troubleshooting for Service Issues 				

1.0 Managed Hosting Services - Bandwidth 4 TB Outbound Transfer, Unlimited Inbound Included Bandwidth - Monthly Data Transfer				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
4000	Included	Included	Included	Included
<ul style="list-style-type: none"> • Metered Outbound Transfer • Unlimited Inbound Transfer • Quantity is in GB 				

Dedicated Additional IP Addresses				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
8	Included	Included	Included	Included
<ul style="list-style-type: none"> • Includes Initial Provisioning and Configuration • Conditional Upon Acceptance of Justification Form submitted to relevant Agency (ARIN for US-hosted servers) • Included IPs (Up to 8) - Qty: 1 				

PROPOSAL FOR HOSTING SERVICES

3.1 Cisco VPN Access - Client to Site				
Quantity	Setup Per Unit	Total Setup	One Time Per Unit	Total One Time
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • 3DES Encryption • Fully Managed, Software Updates and Management Included • Block of 5 Clients 				

3.1 Cisco VPN Access - Site to Site				
Quantity	Setup Per Unit	Total Setup	One Time Per Unit	Total One Time
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • 3DES Encryption • Fully Managed, Software Updates and Management Included • 1 Per Site 				

LOAD BALANCER (Brocade - 200,000 connections) Brocade ADX 1000 Load Balancer				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • Service Level: Performance Plus - 200,000 connections per second, 9Gb throughput, 16x 1GbE ports 				

2.1 and 3.8 - HARDWARE (Server 1) - VMWare with HA, Dual Hex Core CPU's 2.4 GHz to 2.67 GHz, 48 GB RAM, Suitable Boot Device (2 x 300 GB 15k rpm SAS HDD's , RAID 1) Performance One - Silver				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • Server Platform:Performance One - Silver (PowerEdge R710) [SKU: 106298] • Operating System:ESX • Processor:Dual Processor, Hex Core Intel Xeon E5645 [SKU: 106301] • Memory:48 GB [SKU: 105040] • Drive and RAID Configuration: <ul style="list-style-type: none"> ◦ RAID 1 [SKU: 102000] ◦ 300 GB (15K SAS 3.5") - Qty: 2 [SKU: 106206, 103930] • Drive Partitioning:Custom Partitioning [SKU: 105751] • Network:1000 Mbps • Managed Backup: <ul style="list-style-type: none"> ◦ Unmetered Managed Backup (Requires Unmetered MBU Terms) [SKU: 105753] ◦ Weekly Full, Daily Differential [SKU: 102026] ◦ 2 Week On-site Retention (Per GB) [SKU: 105496] • Backup Agent:Base Backup Agent [SKU: 103485] • Bandwidth:2000 GB [SKU: 105549] 				

PROPOSAL FOR HOSTING SERVICES

2.1 & 3.8 - HARDWARE (SERVER 2) - VMWare with High Availability, Dual Hex Core CPU's 2.4 GHz to 2.67 GHz, 48 GB RAM, Suitable Boot Device (2 x 300 GB 15k rpm SAS HDD's, RAID 1) Performance One - Silver

Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • Server Platform:Performance One - Silver (PowerEdge R710) [SKU: 106298] • Operating System:ESX • Processor:Dual Processor, Hex Core Intel Xeon E5645 [SKU: 106301] • Memory:48 GB [SKU: 105040] • Drive and RAID Configuration: <ul style="list-style-type: none"> ◦ RAID 1 [SKU: 102000] ◦ 300 GB (15K SAS 3.5") - Qty: 2 [SKU: 106206, 103930] • Drive Partitioning:Rackspace Suggested Partitioning • Network:1000 Mbps • Managed Backup: <ul style="list-style-type: none"> ◦ Unmetered Managed Backup (Requires Unmetered MBU Terms) [SKU: 105753] ◦ Weekly Full, Daily Incremental ◦ 2 Week On-site Retention (Per GB) [SKU: 105496] • Backup Agent:Base Backup Agent [SKU: 103485] • Bandwidth:2000 GB [SKU: 105549] 				

2.1 (Virtual Server - 1 of 3) Web Server - 4 vCPU's, 8GB RAM, 750 GB virtual disk, Windows Server 2008 Enterprise Edition - 64-bit & IIS 7 Private Cloud VM (Windows on Dual Proc Hypervisor)

Quantity	Setup Per Unit	Total Setup	Utility Per Unit	Total Utility
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • VM OS:Windows Server 2008 Enterprise Edition 64-Bit (Licensed for 2 Processors) (Min disk space: 60 GB) • Drive Partitioning:Rackspace Suggested Partitioning • Virtual Machine Resource Allocation: <ul style="list-style-type: none"> ◦ Amount of virtual memory (MB) - Qty: 8192 ◦ Number of virtual CPUs - Qty: 4 ◦ Amount of virtual disk space (vDisk1 GB) - Qty: 750 • VM Backup Agent:Base Backup Agent 				

2.1 (Virtual Server - 2 of 3) One Database - 4 vCPU's, 16GB RAM, 1 TB virtual disk, Windows Server 2008 Enterprise Edition - 64-bit Private Cloud VM (Windows on Dual Proc Hypervisor)

Quantity	Setup Per Unit	Total Setup	Utility Per Unit	Total Utility
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • VM OS:Windows Server 2008 Enterprise Edition 64-Bit (Licensed for 2 Processors) (Min disk space: 60 GB) • Drive Partitioning:Rackspace Suggested Partitioning • Virtual Machine Resource Allocation: <ul style="list-style-type: none"> ◦ Amount of virtual memory (MB) - Qty: 16384 ◦ Number of virtual CPUs - Qty: 4 ◦ Amount of virtual disk space (vDisk1 GB) - Qty: 1000 • VM Backup Agent:Base + SQL Server Backup Agent (Windows Only) 				

PROPOSAL FOR HOSTING SERVICES

2.1 (Virtual Server 3 of 3) Analytics Server - 4 vCPU's, 22GB RAM, 2 TB virtual disk, Windows Server 2008 Enterprise Edition - 64-bit

Private Cloud VM (Windows on Dual Proc Hypervisor)

Quantity	Setup Per Unit	Total Setup	Utility Per-Unit	Total Utility
1	Included	Included	Included	Included

- **VM OS:** Windows Server 2008 Enterprise Edition 64-Bit (Licensed for 2 Processors) (Min disk space: 60 GB)
- **Drive Partitioning:** Rackspace Suggested Partitioning
- **Virtual Machine Resource Allocation:**
 - Amount of virtual memory (MB) - Qty: 22528
 - Number of virtual CPUs - Qty: 4
 - Amount of virtual disk space (vDisk1 GB) - Qty: 2000
- **VM Backup Agent:** Base Backup Agent

2.2 LICENSE - MICROSOFT SQL SERVER 2008 STANDARD EDITION

Database License

Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
2	Included	Included	Included	Included

- **Database Licenses:** SQL Standard 2008

2.2 AND 3.3 - EXTERNAL STORAGE - 9 x 600GB 15k SAS Harddrives, RAID 5 + 1 Hot Spare, Dual Active/Active Storage Controllers [SKU: 106201]

[Non-Standard] Dell MD3200u - SAS [SKU: 106201]

Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included

- **Entry Dedicated Storage:**
 - This device has a 10 business day lead time which may impact the delivery date of your solution. For more information please contact your account manager. - Qty: 1
 - Dell MD3200 (3.5") chassis [SKU: 106202]
 - Servers being connected to SAS MD device - Qty: 2
 - The MD3200 / MD3200 iSCSI can have a Maximum of 12 drives
 - The MD3220 / MD3220 iSCSI can have a Maximum of 24 drives
 - HBAs are required on the connected servers for the MD3200/3220 [SKU: 106232]
 - The total quantity amount will supersede the total LUN configuration details should they differ
- **Entry Dedicated Storage Drives:**
 - [Non-Standard] 600GB SAS 15K RPM (6Gb/s) 3.5" - Qty: 9 [SKU: 106242]
 - RAID 5
 - [Non-Standard] 600GB SAS 15K RPM (6Gb/s) 3.5" - Qty: 1 [SKU: 106242]
 - Hotspare
 - **LUN Configuration Details**
 - **LUN Size - Purpose (ie. 500GB-Data, 100GB-Fileshare):** 750GB - WEB SERVER
 - **LUN Configuration Details**
 - **LUN Size - Purpose (ie. 500GB-Data, 100GB-Fileshare):** 1TB - SQL DATABASE
 - **LUN Configuration Details**
 - **LUN Size - Purpose (ie. 500GB-Data, 100GB-Fileshare):** 2 TB - ANALYTICS SERVER
- This is a Non-Standard service which is not subject to the Deployment Commitment. Please check with your Sales Representative for additional information.

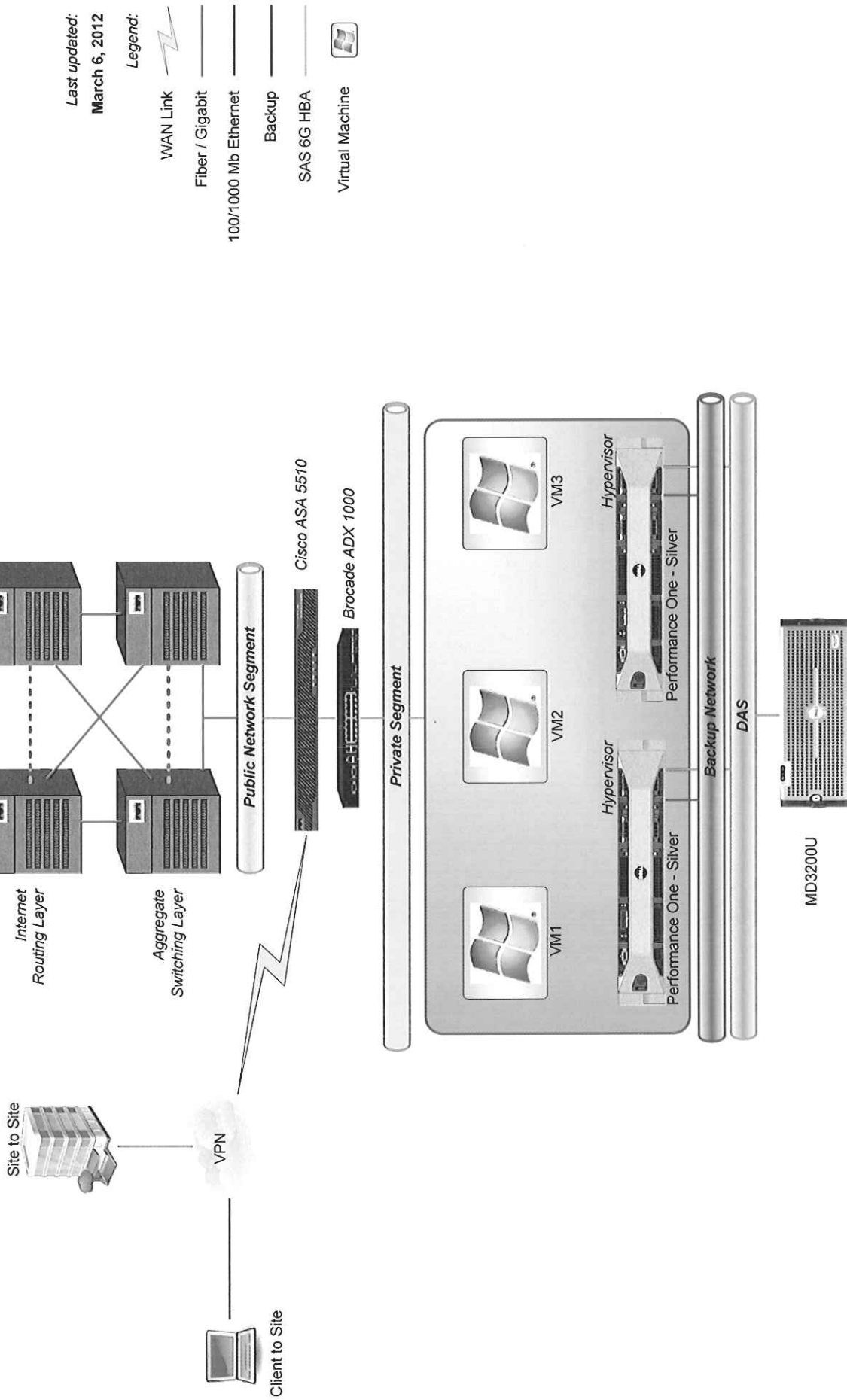
PROPOSAL FOR HOSTING SERVICES

3.1 Cisco ASA 5510 Firewall				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • 100 Mbps Connectivity • 300 Mbps Aggregate and 130,000 Concurrent Connections • Stateful packet inspection • Fully Managed Device, includes 24x7 Monitoring, Rule Changes and 1 Hour Replacement Guarantee 				
AmbironTrustWave Vulnerability Assessment				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
12	Included	Included	Included	Included
<ul style="list-style-type: none"> • Automated Testing Profile • Single Point-in-time Assessment • 3rd Party Vulnerability Scan and Report 				
3.4 Rackwatch Platinum Port Monitoring				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • Ping and TCP Port 80 • Choice of 6 Additional Ports to be Monitored (eg. FTP, SSH, DNS, POP3, MS SQL) • 5 Minute Polling • Automated Ticket Creation and Response in Accordance with Support Policy 				
3.6 Advanced Availability Monitoring				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • 1 Monitor • Choice of URL, FTP or Mail Service Monitoring • 10 Minute Polling • Automatic Alert Escalation 				
3.7 Synthetic Transaction Monitoring				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • 5 Steps • Scripted Site Walkthrough to Simulate a Typical User Interaction • 10 Minute Polling • Automatic Alert Escalation 				
2.1 Backup Agent for Microsoft SQL Server Database Backup Agent				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> • Microsoft SQL • Fully Configured and Managed by Dedicated Storage Engineers • Support for Agent-based Backups of MS SQL Databases 				

PROPOSAL FOR HOSTING SERVICES

3.8 Managed Backup, Unmetered				
Quantity	Setup Per Unit	Total Setup	Monthly Per Unit	Total Monthly
1	Included	Included	Included	Included
<ul style="list-style-type: none"> Initial Setup, Configuration and Monitoring 				

ManagedSM ORD1 - Elk Grove Village IL



Last updated:
March 6, 2012

Legend:

- ⚡ WAN Link
- Fiber / Gigabit
- 100/1000 Mb Ethernet
- Backup
- SAS 6G HBA
- 🖥️ Virtual Machine

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

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

- 1. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

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

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

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

Bidder: Associated Systems Professionals Signed: [Signature]
Date: 3/6/12 Title: Owner/Manager

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Associated Systems Professionals

Authorized Signature: [Signature] Date: 3/6/12

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 6 day of March, 2012

My Commission expires September 2, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]

