



**REQUEST FOR PROPOSAL (RFP) – BID# 7548557**

**DATA STORAGE & DISASTER RECOVERY SYSTEM & SUPPORT**

**SUBMISSION DEADLINE: Monday, April 07, 2014 at 11:00 AM (ET)**

**PRE-BID CONFERENCE:**     **NO**  
     **YES** \_\_\_\_\_

**Mandatory:**     **NO**  
                                   **YES:** Any vendor who intends to submit a bid proposal in response to this solicitation must have its designated representative attend the mandatory pre-bid conference. The representative must register at the pre-bid conference and disclose the identity of the vendor whom he/she represents. Because attendance at the pre-bid conference is mandatory, a vendor’s failure to attend and register at the pre-bid conference shall result in disqualification of the vendor’s bid proposal as non-responsive to the solicitation.

**Buyer Name: GAIL WALSH**  
**Title: BUYER**

**QUESTIONS** concerning this solicitation must be received by the Division of Purchases at [gail.walsh@purchasing.ri.gov](mailto:gail.walsh@purchasing.ri.gov) no later than (**Friday, March 21, 2014, 5:00 PM (ET)**). Questions should be submitted in a *Microsoft Word attachment*. Please reference the bid number (Bid #7548557) on all correspondence. Questions received, if any, will be posted on the Rhode Island Division of Purchases website as an addendum to this solicitation. It is the responsibility of all interested parties to download this information.

**SURETY REQUIRED: NO**

**BOND REQUIRED: YES (AMOUNT OF BOND TO BE DETERMINED AND POSTED IN SUBSEQUENT ADDENDUM)**

**DISK BASED BID: NO**

**NOTE TO VENDORS:**  
Vendors must register on-line at the Rhode Island Division of Purchases website at [www.purchasing.ri.gov](http://www.purchasing.ri.gov). Offers received without the completed four-page Rhode Island Vendor Information Program (RIVIP) Generated Bidder Certification Cover Form attached may result in disqualification.

**THIS IS NOT A BIDDER CERTIFICATION FORM**

**The Rhode Island Department of Administration / Division of Purchases, on behalf of the Department of Public Safety, State Police Headquarters, is soliciting proposals from qualified vendors for data storage and disaster recovery services in accordance with the terms of this solicitation and the State's *General Conditions of Purchase*, which are available at [www.purchasing.ri.gov](http://www.purchasing.ri.gov).**

This is a Request for Proposals, not an Invitation for Bid: responses will be evaluated on the basis of the relative merits of the proposal in addition to price; there will be no public opening and reading of responses received by the Division of Purchases pursuant to this Request, other than to name those offerors who have submitted proposals.

#### **SUMMARY AND BACKGROUND:**

The MIS Unit of the Rhode Island State Police is looking to significantly update its ability to backup and store division data throughout the enterprise. Currently, several methods of backup are employed to backup and store data. While stable, these backup systems are severely limited to the amount of data that can be backed up and stored. This limitation excludes the RISP from backing up video and audio data which has become a staple in today's media centric world. The backup and retaining of this data is not possible and as such we currently only have the ability to backup one week worth of data before disks must be overwritten. As the amount and size of data compounds from year to year we are in desperate need of a commercial grade system to backup and retain the massive amount of data that is created.

Secondly, no disaster recovery system is in place for the RISP. RISP has to rely on the integrity of disk backup files in order to recover a system. A recovery will only allow for data from a point in time of the backup. In this case that would be 24 hours from the time of backup. Because of this we could lose valuable data in our Records Management database, RILETS switching, valuable e-mail, or stored e-crime / fusion center data.

In order to rectify this situation we would like to purchase dual NetApp Storage Area Network system. This will allow for data to be backed up and captured every thirty minutes and then shipped off to the disaster recovery location in case of catastrophic failure at the main datacenter. This system will allow for authorized users of the State Police network to attach video and audio to case files found in our digital Record Management Systems. It will also allow for longer storage retention of data, and the ability to archive data to comply with data retention guidelines. The scalability of the system will allow for adding more storage on an as needed basis thus extending the life of the system.

## INSTRUCTIONS AND NOTIFICATIONS TO OFFERORS:

- All respondents **MUST** register online at the Division of Purchases website @ [www.purchasing.ri.gov](http://www.purchasing.ri.gov). Proposals must be in accordance with the guidelines outlined in this request and the state's general conditions of purchase which can be accessed through the website.
- A fully completed and signed *RIVIP Bidder Certification Cover Sheet – All four pages* should accompany response submitted. Failure to make a complete submission inclusive of this four-page document **may result in disqualification**.
- Potential offerors are advised to review all sections of this Request carefully, and to follow instructions completely, as failure to make a complete submission as described elsewhere herein may result in rejection of the proposal.
- Interested parties are instructed to peruse the Division of Purchases website on a regular basis, as additional information relating to this solicitation may be released in the form of an addendum to this RFP.
- Should there be a need for technical assistance in registering, and/or downloading any document, call the RIVIP Help Desk @ (401) 222-3766 or [lynda.moore@doit.ri.gov](mailto:lynda.moore@doit.ri.gov).
- All costs associated with developing or submitting a proposal in response to this Request, or to provide oral or written clarification of its content, shall be borne by the offeror. The State assumes no responsibility for these costs.
- Proposals are considered to be irrevocable for a period of not less than sixty (60) days following the opening date, and may not be withdrawn, except with the express written permission of the State Purchasing Agent.
- All pricing submitted will be considered to be **firm and fixed** unless otherwise indicated herein.
- Proposals misdirected to other State locations or which are otherwise not present in the Division of Purchases at the time of opening for any cause will be determined to be late and will not be considered. **PROPOSALS FAXED OR E-MAILED TO THE STATE WILL NOT BE CONSIDERED.** The official time clock, for the purpose of registering the arrival of a document, is in the reception area of the Department of Administration (DOA), Division of Purchases 2<sup>nd</sup> Floor, One Capitol Hill, Providence, Rhode Island.
- It is intended that an award pursuant to this Request will be made to a prime contractor, who will assume responsibility for all aspects of the work. Joint venture and cooperative proposals will not be considered, but subcontracts are permitted, provided that their use is clearly indicated in the offeror's proposal, and the subcontractor(s) proposed to be used are identified in the proposal.

In accordance with Title 7, Chapter 1.1 of the General Laws of Rhode Island, no foreign corporation; i.e, a corporation without a Rhode Island business address, shall have the right to transact business in the state until it shall have procured a Certificate of Authority to do so from the Rhode Island Secretary of State (401 222-3040). *This is a requirement of the successful respondent only.*

Bidders are advised that all materials submitted to the State of Rhode Island for consideration in response to this Request for Proposals will be considered to be public records, as defined in Title 38 Chapter 2 of the Rhode Island General Laws, without exception, and will be released for inspection immediately upon request, once an award has been made.

- The State of Rhode Island has a goal of ten percent (10%) participation by Minority Business Enterprises (MBE) in all State procurements. For further information, visit the website at [www.mbe.ri.gov](http://www.mbe.ri.gov). To speak with an MBE Officer, call (401) 574-8253 or e-mail [Charles.newton@doa.ri.gov](mailto:Charles.newton@doa.ri.gov).
- Employment Opportunity (RIGL 28-5.1)§ 28-5.1-1 Declaration of policy. – (a) Equal opportunity and affirmative action toward its achievement is the policy of all units of Rhode Island state government, including all public and quasi-public agencies, commissions, boards and authorities, and in the classified, unclassified, and non-classified services of state employment. This policy applies in all areas where the state dollar is spent, in employment, public service, grants and financial assistance, and in state licensing and regulation. For further information, contact the Rhode Island Equal Employment Opportunity Office, at (401) 222-3090 or via email at [raymond.lambert@hr.ri.gov](mailto:raymond.lambert@hr.ri.gov).
- During the life of this contract, the State reserves the right to solicit separately for selected initiatives within this scope of work.
- At any point during the review process, any proposal found to be substantially non-responsive will be dropped from further consideration.
- The State may, at its sole option, elect to require presentation(s) by respondents clearly in consideration for award. Other submissions, certifications, or affirmations may be required, as appropriate.
- Respondents are instructed to submit **separate sealed technical and cost proposals** as described herein.

## OVERVIEW:

RISP is proposing the installation of Cisco UCS chassis and a NetApp FAS3250 SAN at both the RISP production data center in Scituate, as well as to the Disaster Recovery site. The UCS chassis will be identical at each site. The NetApp SANs will have configuration differences to allow for maximum storage throughput (IOPS) and redundancy at the primary site, and to allow for additional, albeit slower, storage capacity at the D/R site. Here are specific details of hardware that will be added as part of this project:

### **Scituate Data Center**

Single Cisco UCS Chassis w/ Dual 8-port Fabric  
Extenders Dual 96-port Fabric Interconnects  
Five B200 M3 Blade Servers, each with  
2x Intel® Xeon® Processor ES-2680 v2  
2.80 GHz, 10-core, 11SW  
256GB RAM (16 x 16GB 1866 MHz)  
Cisco Virtual Interface 1240 I/O  
Card 40 Gbps of I/O per Blade  
VMware licensing for ten processors (five blades)  
NetApp FAS3250 with dual controllers  
1 TB Flash Cache per controller  
Three disk shelves of SAS (24 x 900GB SAS) – each nets to approximately 12 TB of  
storage Two disk shelves of SATA (24 x 3 TB SATA) – each nets to approximately 42 TB  
of storage Software complete bundle on each controller

### **Disaster Recovery Site**

Single Cisco UCS Chassis w/ Dual 8-port Fabric  
Extenders Dual 96-port Fabric Interconnects  
Five B200 M3 Blade Servers, each  
with 2x Intel® Xeon® Processor  
ES-2680 v2  
2.80 GHz, 10-core, 11SW  
256GB RAM (16 x 16GB 1866 MHz)  
Cisco Virtual Interface 1240 I/O  
Card 40 Gbps of I/O per Blade  
VMware licensing for ten processors (five blades)  
NetApp FAS3250 with single controller  
1 TB Flash Cache on the controller  
Three disk shelves of SATA (24 x 3 TB SATA) – each nets to approximately 42 TB of  
storage Software complete bundle on each controller

### **PROJECT SCOPE:**

The primary data center will connect to the Disaster Recovery site via fiber link or high-speed WAN connection to allow SAN replication of the NetApp solution. Vendor will configure the Primary SAN in Scituate for SAN replication at the D/R site. The additional storage at the D/R site will be used to retain some Snap Vault backup images. As the backup needs at RISP grow, additional SATA shelves must have the capability to be cabled to the FAS3250 solution.

Vendor will provide a project-managed implementation approach for this engagement. Configuration tasks will include:

- Rack and stack gear. Cabling connections and all physical installation tasks in to existing data center racks at RISP
- Configure the UCS chassis, fabric interconnects, and Nexus switches at each site
- Build VMware hypervisors on each of the four blades using VMware licensing included in this proposal. It is important to note that RISP will provide any needed Microsoft Licensing
- Build the fifth blade in each UCS chassis to support the VDI pilot using VMview. RISP has already procured fifty (50) VMview licenses that will be used for this pilot
- Configure the NetApp SANs for connectivity to the UCS environment
- Build drive aggregates and volumes
- Configure SAN replication between sites
- Migration of virtual servers from existing environment to new UCS and NetApp Environment
- Configure NetApp Snap Vault to retain snaps at the D/R site
- After-hours cutovers of critical services as needed
- Post-cutover support
- "Over the Shoulder" training of the RISP team by a Vendor implementation engineer.

### **RESPONSIBILITIES:**

- Vendor will procure all provided equipment for installation
- Ship/deliver equipment to the client's site in accordance with implementation schedule
- Designate and coordinate engineering resources according to an agreed upon schedule
- Planning and Design
- Staging and configuration
- Installation, cutover and testing
- Documentation
- Follow up to ensure any implementation related issues are addressed in a timely manner

- All office environmental conditions (e.g. power, air conditioning, rack and floor space) are either currently available or will be provided by RISP within the agreed upon schedule for this engagement.

- All communication facilities (e.g. WAN circuits, LAN cabling) that are necessary for this engagement are either currently available or will be provided by the client within the agreed upon schedule for this engagement.

- All required hardware, firmware, and software that are necessary for this engagement are either currently available or will be provided by client within the agreed upon schedule for this engagement.

- All installations will be performed during normal business hours: Monday through Friday, 8:00AM to 5:00PM unless otherwise stated.

- If any equipment supplied by Vendor is found to be defective during the installation, Vendor will replace the equipment at no extra charge and complete the installation as specified.

- Client will provide access to site(s) as appropriate.

- Client will provide acceptance criteria

- Acceptance will be approved by the Director of Information Technology.

**EQUIPMENT/SOFTWARE/SERVICES:**

Main Data Storage Site

Manuf. Part#	Qty	Description
		Main Site Hardware
PD		(2) Cisco Nexus Sk Switches (Main Site)
N5K-C5548UP-FA	2	Nexus 5548 UP Chassis, 32 10GbE Ports, 2 PS, 2 Fans
N55-DL2	2	Nexus 5548 Layer 2 Daughter Card
N55-M-BLNK	2	Nexus 5500 Module Blank Cover
N55-PAC-750W	4	Nexus 5500 PS, 750W, Front to Back Airflow
N5548-ACC-KIT	2	Nexus 5548 Chassis Accessory Kit
N5548P-FAN	4	Nexus 5548P Fan Module
N5KUK9-521N1.6	2	Nexus 5000 Base OS Software Rel 5.2(1)N1(6)
CAB-C13-C14-2M	4	Power Cord Jumper, C13-C14 Connectors, 2 Meter
Length N55-8P-SSK9	2	Nexus 5500 Storage License, 8 Ports
SFP-H10GB-CU5M	4	10GBASE-CU SFP+ Cable 5 Meter

PD		(1) Cisco B200-Series UCS Systems (Main Site)
UCS-EZ7-B200-P	1	UCS SP7 B200 PERF EXP w/ 2xE5-2680v2, 256G, VIC1240
N20-BBLKD	2	UCS 2.5 inch HDD blanking panel
UCS-CPU-E52680B	2	2.80 GHz E5-2680 v2/115W 10C/25MB Cache/DDR3 1866MHz
UCS-MR-1X162RZ-A	16	16GB DDR3-1866-MHz RDIMM/PC3-14900/dual rank/x4/1.5v
UCSB-HS-01-EP	2	CPU Heat Sink for UCS B200 M3 and B420 M3
UCSB-MLOM-40G-01	1	Cisco UCS VIC 1240 modular LOM for M3 blade servers

PD		(1) Cisco B200-Series UCS Systems (Main Site)
UCS-SP7-B200-P	1	UCS SP7 B200 PERF 2x6296, xCH,4xB200w/2x2680v2, 256G
DS-SFP-FC8G-SW	8	8 Gbps Fibre Channel SW SFP+, LC
NOI-UACI	1	Single phase AC power module for UCS 5108
NIO-MGTO11	2	UCS Manager v2.1
N20-BBLKD	8	UCS 2.5 inch HDD blanking panel
N20-CAK	1	Accessory kit for UCS 5108 Blade Server Chassis
N20-CBLKB1	8	Blade slot blanking panel for UCS 5108/single slot
N20-FAN5	8	Fan module for UCS 5108
N20-FW011	1	UCS Blade Server Chassis FW Package 2.1

SFP-IOG-SR	4	10GBASE-SR SFP Module
SFP-H10GB-CU3M	12	10GBASE-CU SFP+ Cable 3 Meter
UCS-ACC-6296UP	2	UCS 6296UP Chassis Accessory Kit
UCS-BLKE-6200	6	UCS 6200 Series Expansion Module Blank
UCS-CPU-E52680B	8	2.80 GHz E5-2680 v2/115W 10C/25MB Cache/DDR3 1866MHz
UCS-FAN-6296UP	8	UCS 6296UP Fan Module
UCS-IOM-2208XP	2	UCS 2208XP I/O Module (8 External, 32 Internal 10Gb Ports)
UCS-MR-1X162RZ-A	64	16GB DDR3-1866-MHz RDIMM/PC3-14900/dual rank/x4/1.5v
UCS-PSU-6296UP-AC	4	UCS 6296UP Power Supply/100-240VAC
UCSB-HS-01-EP	8	CPU Heat Sink for UCS B200 M3 and B420 M3
UCSB-MLOM-40G-01	4	Cisco UCS VIC 1240 modular LOM for M3 blade servers
UCSB-PSU-2500ACPL	4	2500W Platinum AC Hot Plug Power Supply for UCS 5108 Chassis
CAB-C13-C14-2M	4	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length
CAB-C19-CBN	4	Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors
UCS-SP-INFRA-CHSS	1	UCS SP BASE 5108 Blade Svr AC Chassis



UCS-SP7-INFR-F196	2	(Not sold standalone) UCS 6296UP 2RU Fabric Int w/18p UC
UCS-SP7-SR-B200-P	4	(Not a standalone SKU) B200M3 w/ 2xE52680B, 16x16GB,VIC1240
PD		(2) NetApp FAS3250 Storage Area Network System - Main Site
FAS3250AE-10G-BASE-R6	2	FAS3250HA SYS With Dual Cntrlr & IOXM & 10GbE [Cat: L]
X6585-R6-C	1	Cable,Ethernet,3mRJ45 CAT6,-C [Cat: M]
X6553-R6-C	4	Cable,Cntrlr-Shelf/Switch,2m,LC/LC,Op,-C [Cat: M]
X6557-R6-C	6	Cable,SAS Cntrlr-Shelf/Shelf-Shelf/HA,O.Sm,-C [Cat: B]
X6559-R6-C	8	Cable,SAS Cntrlr-Shelf/Shelf-Shelf/HA, Sm,-C [Cat: M]
X6560-R6-C	6	Cable,Ethernet,0.Sm RJ45 CAT6,-C [Cat: M]
X6562-R6-C	4	Cable,Ethernet,Sm RJ45 CAT6,-C [Cat: M]
X6566-2-R6-C	2	Twinax copper for CS1016 - 2M -C [Cat: C]
X-SFP-H10GB-CU3M-R6-C	2	Cisco N50XX 10GBase Copper SFP+cable,3m,-C,R6 [Cat: C]
X-SFP-H10GB-CUSM-R6-C	4	Cisco NSOXX 10GBase Copper SFP+cable,Sm, C,R6[Cat:C]
X1117A-EN-R6-C	2	NICII 2-Port Bare Cage SFP+ 10GbE PCIe,EN,-C [Cat: L]
X1140A-EN-R6-C	2	ADPT 2-Pt Unified Tgt Cu 10GbE SFP+PCIe, EN,-C [Cat: L]
X2065A-EN-R6-C	2	HBA SAS 4-Port Copper 3/6 Gb QSFP PCIe,EN,-C [Cat: L]
X1985-R6-C	1	1 2-Node Cluster Cable Label Kit,-C [Cat: C]
X5515A-R6-C	2	Rackmount Kit,4N2,DS14-Middle,-C,R6 [Cat: M]
X5526A-R6-C	5	Rackmount Kit,4-Post,Universal,C,R6[Cat:L]
FAS-V32XX-CHASSIS-R6-C	2	FAS/V32XX,Chassis,AC PS,-C,R6 [Cat: A]
DOC-32XX-C	1	Documents,32XX,-C [Cat: B]
X800E-R6-C	14	Power Cable North America,-C,R6 [Cat: C]
X1974A-R6-C	2	Flash Cache 1TB PCIe Module 2,-C [Cat:L]
DS2246-21.6TB-EN-R6-C	3	DSK SHLF,24x900GB,6G,EN,-C [Cat: M]
DS4246-0772-24A-EN-R6-C	2	DSK SHLF,24x3.0TB,7.2K,6G,EN,-C [Cat: M]
SW-2-3250A-ONTAP8-C	2	SW-2,Data ONTAP-Essentials,3250A,-C [Cat: N]
SW-2-3250A-PREMBNDL-C	2	SW-2,PREM BNDL,3250A,-C [Cat: N]
SW-2-CL-BASE	1	SW-2,Base,CL,Node [Cat: J]
SW-NOC-REPORT	1	SW,NetApp OnCommand Report,License [Cat: J]
SW-NOC-CORE	1	SW,NetApp OnCommand core [Cat: J]
X-SFP-H10G B-CU5M-R6	4	Cable,Cisco N5020 10GBase Copper SFP+ Sm [Cat: C]

PD

VMware

VS5-MENT-AK-PRO

- 1 VMware vSphere with Operations Management Enterprise Acceleration Kit for 6 processors Promo One purchase per customer site. Each vSphere with Operations Management Enterprise AK contains vSphere with Operations Management Enterprise for 6 Processors, 1 instance of vCenter Server Standard, and vSphere Dat; Protection Advanced for 6 processors. SnS is required. Renewals will be based on then current list SnS prices of the component products in the kit. Promo effective 03/14/13 until 12/15/13.

VS5-MENT-C-L1

- 4 VPP L1 VMware vSphere with Operations Management Enterprise for 1 processor. Each vSphere with Operations Management Enterprise contains vSphere Enterprise and vCenter Operations Management Suite Standard. SnS is required.

**Disaster Recovery Site**

DR Site Hardware

PD

(2) Cisco Nexus 5k Switches (DR Site)

N5K-C5548UP-FA

- 2 Nexus 5548 UP Chassis, 32 IOGbE Ports, 2 PS, 2 Fans

N55-DL2

- 2 Nexus 5548 Layer 2 Daughter Card

N55-M-BLNK

- 2 Nexus 5500 Module Blank Cover

N55-PAC-750W

- 4 Nexus 5500 PS, 750W, Front to Back Airflow

N5548-ACC-KIT

- 2 Nexus 5548 Chassis Accessory Kit

N5548P-FAN

- 4 Nexus 5548P Fan Module

N5KUK9-521N1.6

- 2 Nexus 5000 Base OS Software Rel 5.2(1)N1(6)

CAB-C13-C14-2M

- 4 Power Cord Jumper, C13-C14 Connectors, 2 Meter

N55-8P-SSK9

- 2 Nexus 5500 Storage License, 8 Ports

SFP-H10GB-CU5M

- 4 OGBASE-CU SFP+ Cable 5 Meter

PD

(1) Cisco B200-Series UCS Systems (DR Site)

UCS-EZ7-B200-P

- 1 UCS SP7 B200 PERF EXP w/ 2xE5-2680v2, 256G, VIC1240

N20-BBLKD

- 2

UCS-CPU-E52680B

- 2 2.80 GHz E5-2680 v2/115W 10C/25MB  
Cache/DDR3 1866MHz

UCS-MR-1X162RZ-A

- 16 16GB DDR3-1866-MHz RDIMM/PC3-14900/dual rank/x4/1.5v

UCSB-HS-01-EP

- 2 CPU Heat Sink for UCS B200 M3 and B420 M3

UCSB-MLOM-40G-01

- 1 Cisco UCS VIC 1240 modular LOM for M3 blade servers

PD		(1) Cisco B200-Series UCS Systems (DR Site)
UCS-SP7-B200-P	1	UCS SP7 B200 PERF 2x6296, xCH, 4xB200w/2x2680v2, 256G
DS-SFP-FC8G-SW	8	8 Gbps Fibre Channel SW SFP+, LC
NOI-UACI	1	Single phase AC power module for UCS 5108
N10-MGT011	2	UCS Manager v2.1
N20-BBLKD	8	UCS 2.5 inch HDD blanking panel
N20-CAK	1	Accessory kit for UCS 5108 Blade Server Chassis
N20-CBLKB1	8	Blade slot blanking panel for UCS 5108/single slot
N20-FAN5	8	Fan module for UCS 5108
N20-FW011	1	UCS Blade Server Chassis FW Package 2.1
SFP-10G-SR	4	10GBASE-SR SFP Module
SFP-H10GB-CU3M	12	10GBASE-CU SFP+ Cable 3 Meter
UCS-ACC-6296UP	2	UCS 6296UP Chassis Accessory Kit
UCS-BLKE-6200	6	UCS 6200 Series Expansion Module Blank
UCS-CPU-E52680B	8	2.80 GHz E5-2680 v2/115W 10C/25MB Cache/DDR3 1866MHz
UCS-FAN-6296UP	8	UCS 6296UP Fan Module
UCS-IOM-2208XP	2	UCS 2208XP I/O Module (8 External, 32 Internal IOGb Ports)
UCS-MR-1X162RZ-A	64	16GB DDR3-1866-MHz RDIMM/PC3-14900/dual rank/x4/1.5v
UCS-PSU-6296UP-AC	4	UCS 6296UP Power Supply/100-240VAC
UCSB-HS-01-EP	8	CPU Heat Sink for UCS B200 M3 and B420 M3
UCSB-MLOM-40G-01	4	Cisco UCS VIC 1240 modular LOM for M3 blade servers
UCSB-PSU-2500ACPL	4	2500W Platinum AC Hot Plug Power Supply for UCS 5108 Chassis
CAB-C13-C14-2M	4	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length
CAB-C19-CBN	4	Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors
UCS-SP-1NFRA-CHSS	1	UCS SP BASE 5108 Blade Svr AC Chassis
UCS-SP7-INFR-F196	2	(Not sold standalone) UCS 6296UP 2RU Fabric Int w/18p LIC
UCS-SP7-SR-B200-P	4	(Not a standalone SKU) B200M3 w/ 2xE52680B, 16x16GB, VIC1240

PD		(1) NetApp FAS3250 Storage Area Network System - DR Site
FAS3250E-10G-BASE-R6	1	FAS3250 SYS With Single Cntrlr & IOXM & OGbE [Cat: L]

X6553-R6-C	2 Cable,Cntrlr-Shelf/Switch, 2m,LC/LC,Op,-C [Cat: M]
X6557-R6-C	4 Cable,SAS Cntrlr-Shelf/Shelf-Shelf/HA,0.5m,-C [Cat: B]
X6559-R6-C	2 Cable,SAS Cntrlr-Shelf/Shelf-Shelf/HA, 5m,-C [Cat: M]
X6560-R6-C	4 Cable,Ethernet,0.5m RJ45 CAT6,-C [Cat: M]
X6562-R6-C	2 Cable,Ethernet,5m RJ45 CAT6,-C [Cat: M]
X-SFP-H10GB-CU3M-R6-C	2 Cisco N50XX 10GBase Copper SFP+cable,3m,-C,R6 [Cat: C]
X1985-R6-C	1 I2-Node Cluster Cable Label Kit,-C [Cat: C]

X5515A-R6-C	1 Rackmount Kit,4N2,DS14-Middle,-C,R6 [Cat: M]
XSS26A-R6-C	3 Rackmount Kit,4-Post, Universal,-C,R6 [Cat: L]
FAS-V32XX-CHASSIS-R6-C	1 FAS/V32XX,Chassis,AC PS,-C,R6 [Cat: A]
DOC-32XX-C	1 Documents,32XX,-C [Cat: B]

X-SFP-H10GB-CUSM-R6	2 Cable,Cisco NS020 10GBase Copper SFP+ 5m [Cat: C]
X800E-R6-C	8 Power Cable North America,-C,R6 [Cat: C]
X1974A-R6-C	1 Flash Cache ITB PCIe Module 2,-C [Cat: L]
DS4246-0772-24A-EN-R6-C	3 DSK SHLF,24x3.0TB,7.2K,6G,EN,-C [Cat: M]
SW-2-32SO-ONTAP8-C	1 SW-2,Data ONTAP-Essentials,32SO,-C [Cat: N]
SW-2-32SO-PREMBNDL-C	1 SW-2,PREM BNDL,32SO,-C [Cat: N]
SW-2-CL-BASE	1 SW-2,Base,CL,Node [Cat: J]
SW-NOC-REPORT	1 SW,NetApp OnCommand Report,License [Cat: J]
SW-NOC-CORE	
SW-NOC-CORE	1 SW,NetApp OnCommand core [Cat: J]
X-SFP-H10GB-CUSM-R6	2 Cable,Cisco NS020 10GBase Copper SFP+ 5m [Cat: C]

PD	VMware
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VMware vSphere with Operations Management Enterprise Acceleration Kit for 6 processors Promo One purchase per customer site. Each vSphere with Operations Management Enterprise AK contains vSphere with Operations Management Enterprise for 6 Processors, 1 instance of vCenter Server Standard, and vSphere Data Protection Advanced for 6 processors. SnS is required. Renewals will be based on then current list SnS prices of the component products in the kit.Promo effective

VS5-MENT- AK-PRO	1 03/14/13 until 12/15/13
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VS5-MENT-C-L1	4 VPP L1 VMware vSphere with Operations Management Enterprise for 1 processor. Each vSphere with Operations Management Enterprise contains vSphere Enterprise and vCenter Operations Management Suite Standard. SnS is required.
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## **SERVICES:**

Complete installation and configuration with post installation support. Vendor must also provide managed support services to include 24x7 health and status monitoring of both main storage site and disaster recover site, and 24x7x4 support of all installed hardware and software.

Post installation support

- Vendor must provide 24x7x365 health monitoring of installed solutions.
- Vendor must provide 30 minutes of free additions, move changes, configuration help, change requests and system consultation.
- Must provide Multi-Vendor direct support, upgrades and patches.
- Provide single call point of contract support center to work with applicable third party vendors to provide trouble shooting and remediation of technical issues.
- Vendor must dispatch to Headquarters location a technician to provide on-site health assessment of installed solution, once every month on a predetermined schedule.

## **EQUIPMENT/SOFTWARE/SERVICES SPECIFICATIONS:**

**No substitution on any of the specified equipment or software, or sub-contracting to third party maintenance to provide support services. Bidding vendor must provide all hardware/software/services support for a 5 (five) year period starting on the acceptance date of the installed solution. Vendor must provide proof of ability to comply by providing a facility tour, current client references, and demonstrate a proven track record of support for a 24x7x365 critical system environment. Failure of proof will result in disqualification of bidder.**

## **VENDOR QUALIFICATIONS:**

Selected vendor must be able to dispatch 24x7x365 from within Rhode Island

Selected Vendor must have a minimum of the following Net App qualified personnel on staff – (3) NCIE's (must be full time employees)

Selected Vendor must have a minimum of the following VmWare qualified personnel on staff – (1) VCP, VCAP-DCD, (5) VCP's (must be full time employees)

Selected Vendor must be a Gold Level partner in Cisco and NetApp and Microsoft products

Selected Vendor must be able to provide a PMP Certified Project Manager (must be full time employees)

Selected Vendor must have a demonstrated familiarity with State of Rhode Island data networks.

Selected Vendor must provide a National Certified Government CIO for project oversight and compliance with government and below security requirements.

**RHODE ISLAND STATE POLICE SECURITY REQUIREMENTS:**

Selected Vendor must have 75% of Engineering, Technical, Monitoring and /or any personnel that would be allowed access to RISP networks or facilities, have held a valid Law Enforcement background check for a minimum of two years.

Background checks and security requirements are to follow Criminal Justice Information Services (CJIS) Security Policy

Version 5.1

7/13/2012

CJISD-ITS-DOC-08140-5.1

Interested offerors may submit proposals to provide the services covered by this Request on or before the date and time indicated on page one of this solicitation.. *Proposals received after this time and date will not be considered.*

Responses (an original plus five copies) should be mailed or hand-delivered in a sealed envelope marked "**RFP #7548557: Data Storage and Disaster Recovery System and Support** " to

**RI Dept. of Administration  
Division of Purchases, 2<sup>nd</sup> floor  
One Capitol Hill  
Providence, RI 02940-6528**

NOTE: *Proposals received after the above-referenced due date and time will not be considered. Proposals misdirected to other State locations or which are otherwise not presented in the Division of Purchases by the scheduled due date and time will be determined to be late and will not be considered.*

**Proposals must include the following:**

1. A completed and signed R.I.V.I.P.generated bidder certification cover form (downloaded from the R.I. Division of Purchases website at [www.purchasing.ri.gov](http://www.purchasing.ri.gov)).
2. A completed and signed W-9 Taxpayer Identification Number and Certification Form, which may be downloaded from [www.purchasing.ri.gov](http://www.purchasing.ri.gov). Call the Helpline at 401 222-3766 or [lynda.moore@doit.ri.gov](mailto:lynda.moore@doit.ri.gov) if computer technical assistance is needed.

3. Details of terms and conditions beyond standards State of Rhode Island terms and conditions, eg.:
  - a. Billing policies
  - b. acceptance of limited termination liabilities
  - c. no minimum commitments
  - d. handling of special construction costs
  - e. handling of on-site required technical assistance during a declared disaster
  
4. Vendor Corporate Profile *Provide a brief overview of your company and services, including descriptions of:*
  - a. Competitive strengths
  - b. Description of your company's primary business function and service
  - c. Corporate (parent) and other subsidiary or license affiliations (if applicable)
  - d. Relationships with Law Enforcement entities.
  - e. Demonstrated experience with requested hardware/software/services
  - f. Vendor's current financial condition, including financial report.

5. References

*A minimum of two Vendor's clients (preferably governmental clients) must be provided as references. Include clients' business name, address, contact person, and contact's telephone number. These clients must be willing to discuss their experience with the Department of Public Safety.*

6. Prime Contractor Responsibility

*If the proposed services include the use of products or services of another company, the Department of Public Safety will hold the Vendor responsible (as the prime contractor) for the proposed services. Specifically identify other companies that will be utilized. Indicate your compliance to this requirement.*

7. Vendor Policies

- a. How does the Vendor minimize the risk or handle simultaneous events from multiple subscribers that require the same equipment?
- b. Does the Vendor provide liquidated damages for failure to perform?
  - i. If yes, how will the Vendor protect the confidentiality of DPS/RISP data?

8. Preemption: *Will the Vendor allow any subscriber to have preemptive rights or preferred rights over the Department of Public Safety? If yes, describe the circumstances.*

- a. Provide detailed information regarding the Vendor's testing methodology and standard support services provided during test exercises. This includes pre-test reviews, configuration change control and information synchronization between the Department of Public Safety's /Rhode Island State Police and the Vendor's configuration.
- b. What support does the Vendor provide before, during and after a test?
- c. What type of fee, if any, is associated with this support?
- d. What support does the Vendor provide to assist in this effort?

- a. methods, standard telephone companies, and alternate access vendors. Describe any pertinent network recovery experience and capabilities including recovery methodologies
9. Facility Audit
- a. Will the Vendor allow representatives of DPS/RISP to tour the Vendors NOC facilities?
  - b. Will the Vendor provide DPS/RISP the ability to audit/tour any sub-contractor or third party used in the fulfillment of the project?
10. Customer Support Process
- a. If DPS/RISP decided to contract with the Vendor for support services, describe how the Vendor would initiate the process with DPS/RISP.
  - b. What services would be provided, what recommendations would the Vendor have for DPS/RISP, and what activities would be important in the first year of business relationship?
  - c. Define the normal process the Vendor uses to upgrade to new hardware and to move to new software releases at the main and disaster recovery site.
  - a. As DPS/RISP moves forward to implement new technology, both hardware and software, how would the Vendor assure DPS/RISP that the main data center and disaster recovery site will keep pace with emerging technology?
11. Additional Information: *Include any information the Vendor feels would aid DPS/RISP in its review process. This information must be limited to information the Vendor feels is pertinent to their response which was not specifically asked for in this RFP and to other strengths the Vendor feels are advantageous to DPS/RISP.*
12. A **separate signed and sealed** Cost Proposal including a summary in the format provided including:
- a. Hardware Cost
  - b. Installation Cost
  - c. Software Cost
  - d. Services Cost
  - e. Fees or Change order costs
- Bidder must include pricing in hard copy and on disk (Microsoft Excel); cost proposal must include a summary using the format provided. **Please do not include any pricing information with the Technical Proposal.***
13. In addition to the multiple hard copies of proposals required, respondents are requested to provide their proposal in electronic form (CD). Microsoft Word / Excel or PDF format is preferable. Only 1 electronic copy is requested.



## Evaluation and Selection

Only offerors who can demonstrate that they meet the General Requirements and Vendor Business Requirements above will be considered for selection.

The DPS/RISP will commission a Technical Review Committee, which will evaluate and score all proposals, using the following criteria:

Submitted bids will be evaluated on the following criteria:

Capability and Vendor Qualifications: 50 points

Ability to comply with Law Enforcement Security Requirements and Vendor Responsibilities: 15 Points.

Experience in Similar Projects with State or Federal Law Enforcement Entities: 5 points  
Price and cost effectiveness: 30 Points

Total :100 Points

The lowest priced bid will not be the sole criterion used to determine the successful bidder. **The Vendor will be responsible for the performance of any third parties it includes in its bid.**

Notwithstanding the above, the State reserves the right not to award this contract or to award on the basis of cost alone, to accept or reject any or all proposals, and to award in its best interest.

Proposals found to be technically or substantially non-responsive at any point in the evaluation process will be rejected and not considered further

The State reserves the right to determine priority among services offered and may not contract for all services indicated here in an initial contract.

The State reserves the right to accept or reject any or all options, bids or submissions and to act in its own best own best interest.

The State may, at its sole option, elect to require presentation(s) by offerors clearly in consideration for award.

**Cost Format**

**Cost Proposal Summary Chart**

	Project Cost	Comment
Hardware		
Software		
Services		
Installation		
Fees and Change Order		
<b>Total Cost</b>		