



AMS.NET, Inc.  
502 Commerce Way, Livermore, CA 94551  
925-245-6100 • 925-245-6150 Fax  
www.ams.net

## Customer Price Quote

### Customer

San Rafael City Schools  
310 Nova Albion Way  
San Rafael CA, 94903-3523 US  
ATTN: Sandy Maynard

### Ship To

San Rafael City Schools  
310 Nova Albion Way  
San Rafael, CA 94903-3523  
ATTN: Sandy Maynard

### Quote Description

Data Center Consolidation and Backup with 3YR Support

Procurement Contract:  
FOCUS Contract #2015109

#### Scope of Work:

80HRs pFLEX to complete the following (on quotes Q-00027029 and Q-00027145):

- 1) Migrate existing data from SRHS and TLHS Nimble SANs to Pure SAN. Pure SAN will be installed at SRHS. Decommission Nimble SAN at TLHS.
- 2) Physically move TLHS existing Cisco UCS Blade Server Chassis to SRHS. Interconnect existing Cisco UCS Blade Server Chassis using existing Cisco UCS Fabric to Pure SAN and Cisco 6824 Core at SRHS via multiple 10G links.
- 3) Work with SRCS on provisions new Pure SAN to existing VMware ESXi hosts.
- 4) Install new SD Storage Cards on existing Cisco UCS Blade Server Chassis. (4) per Blade Server. Booting from SD Cards is best practice versus SAN booting.
- 5) Install new Cisco UCS Backup Server at SRHS (Local Target) with Windows Server 2016 and Veeam.
- 6) Configure Cisco UCS Servers to use ReFS file system to take advantage of storage savings.
- 7) Configure Veeam per customer requirements for backup times and retention. Run full backup.
- 8) Install new Cisco UCS Backup Server at TLHS (Offsite Target) with Windows Server 2016 and Veeam.
- 9) Configure Veeam per customer requirements for backup/replication times and retention. Run full replication.
- 10) Decommission existing EOL/EOS Cisco UCS Blade Server Chassis at SRHS.
- 11) Train SRCS IT Staff on Pure SAN and Veeam.
- 12) Full testing, documentation, and drawings included.
- 13) Reattach Cisco SMARTnets for applicable Cisco Blade

### Quote #

#Q-00027029

### Project #

85614

### Modified

5/31/2018

### Account Mgr.

Drew Stark

### AM Phone

(925) 245-4771

### AM Email

dstark@ams.net

### Inside Account Mgr.

John Beyer

### IAM Phone

(925) 245-6136

### IAM Email

jbeyer@ams.net

### Quote Exp.

7/27/2018



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Servers SN#

Line	Item Description	Manufacturer	Qty	Unit Price	Extended Price
<b>SD Cards for Existing Cisco UCS Servers</b>					
1	<b>UCS-SD-32G-S=</b> 32GB SD Card for UCS servers	Cisco Systems Inc.	16.00	\$68.04	\$1,088.64

<b>Cisco UCS Backup Server - Local Target SRHS - 2.10GHz, 64GB RAM, 50TB Storage</b>					
2	<b>UCSC-C240-M5L</b> UCS C240 M5 12 LFF + 2 rear drives w/o CPU,mem,HD,PCIe,PS	Cisco Systems Inc.	1.00	\$1,763.58	\$1,763.58
3	<b>CON-OSP-CC240M5L</b> SNTC 24X7X4OS UCS C240 M5 12 LFF + 3 rear drives w/o CPU,mem 3 Year Term	Cisco Systems Inc.	1.00	\$1,654.80	\$1,654.80
4	<b>UCSC-PCI-1-C240M5</b> Riser 1 incl 3 PCIe slots (x8, x16, x8); slot 3 req CPU2	Cisco Systems Inc.	1.00	\$83.58	\$83.58
5	<b>UCSC-MLOM-C40Q-03</b> Cisco VIC 1387 Dual Port 40Gb QSFP CNA MLOM	Cisco Systems Inc.	1.00	\$811.04	\$811.04
6	<b>UCSC-PSU1-1600W</b> Cisco UCS 1600W AC Power Supply for Rack Server	Cisco Systems Inc.	2.00	\$390.18	\$780.36
7	<b>CAB-9K12A-NA</b> Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	Cisco Systems Inc.	2.00	\$0.00	\$0.00
8	<b>UCSC-RAILB-M4</b> Ball Bearing Rail Kit for C220 & C240 M4 & M5 rack servers	Cisco Systems Inc.	1.00	\$92.40	\$92.40
9	<b>UCSC-HS-C240M5</b> Heat sink for UCS C240 M5 rack servers 150W CPUs & below	Cisco Systems Inc.	2.00	\$0.00	\$0.00
10	<b>UCSC-PCIF-240M5</b> C240 M5 PCIe Riser Blanking Panel	Cisco Systems Inc.	1.00	\$0.00	\$0.00
11	<b>UCSC-RSAS-C240M5</b> C240 Rear UCSC-RAID-M5 SAS cbl(1)kitinclfan,bkplnforSFF&LFF	Cisco Systems Inc.	1.00	\$0.00	\$0.00
12	<b>CBL-SC-MR12GM52</b> Super Cap cable for UCSC-RAID-M5 on C240 M5 Servers	Cisco Systems Inc.	1.00	\$0.00	\$0.00
13	<b>UCSC-BBLKD-L2</b> C-Series M5 LFF drive blanking panel	Cisco Systems Inc.	3.00	\$0.00	\$0.00
14	<b>UCSC-SCAP-M5</b> Super Cap for UCSC-RAID-M5, UCSC-MRAID1GB-KIT	Cisco Systems Inc.	1.00	\$0.00	\$0.00



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15	<b>UCSC-RAID-M5</b> Cisco 12G Modular RAID controller with 2GB cache	Cisco Systems Inc.	1.00	\$905.52	\$905.52
16	<b>UCS-HD8T7KL4KN</b> 8 TB 12G SAS 7.2K RPM LFF HDD (4K)	Cisco Systems Inc.	9.00	\$1,199.10	\$10,791.90
17	<b>C1UCS-OPT-OUT</b> Cisco ONE Data Center Compute Opt Out Option	Cisco Systems Inc.	1.00	\$0.00	\$0.00
18	<b>UCSC-BZL-C240M5</b> C240 M5 Security Bezel	Cisco Systems Inc.	1.00	\$62.58	\$62.58
19	<b>N20-BKVM</b> KVM local IO cable for UCS servers console port	Cisco Systems Inc.	1.00	\$0.00	\$0.00
20	<b>UCSC-SW-C240M5-P01</b> Performance Optimized setting for C240 M5 servers	Cisco Systems Inc.	1.00	\$0.00	\$0.00
21	<b>CIMC-LATEST</b> IMC SW (Recommended) latest release for C-Series Servers.	Cisco Systems Inc.	1.00	\$0.00	\$0.00
22	<b>UCS-CPU-4110</b> 2.1 GHz 4110/85W 8C/11MB Cache/DDR4 2400MHz	Cisco Systems Inc.	2.00	\$735.00	\$1,470.00
23	<b>UCS-MR-X16G2RS-H</b> 16GB DDR4-2666-MHz RDIMM/PC4-21300/dual rank/x4/1.2v	Cisco Systems Inc.	4.00	\$384.80	\$1,539.20
24	<b>UCS-HD12TB10K12N</b> 1.2 TB 12G SAS 10K RPM SFF HDD	Cisco Systems Inc.	2.00	\$643.86	\$1,287.72
25	<b>MSWS-16-ST16C</b> Windows Server 2016 Standard (16 Cores/2 VMs)	Cisco Systems Inc.	1.00	\$836.54	\$836.54
26	<b>CON-ISV1-M16S16C</b> UC ISV L1 + L2 24X7, Windows Server 2016 Standard(16Cores,2	Cisco Systems Inc.	1.00	\$395.25	\$395.25
27	<b>MSWS-16-ST16C-RM</b> Windows Server 2016 Stan (16 Cores/2 VMs) Rec Media DVD Only	Cisco Systems Inc.	1.00	\$0.00	\$0.00

**Cisco UCS Backup Server - Offsite Target TLHS - 2.10GHz, 64GB RAM, 50TB Storage**

28	<b>UCSC-C240-M5L</b> UCS C240 M5 12 LFF + 2 rear drives w/o CPU,mem,HD,PCIe,PS	Cisco Systems Inc.	1.00	\$1,763.58	\$1,763.58
29	<b>CON-OSP-CC240M5L</b> SNTC 24X7X40S UCS C240 M5 12 LFF + 3 rear drives w/o CPU,mem 3 Year Term	Cisco Systems Inc.	1.00	\$1,654.80	\$1,654.80
30	<b>UCSC-PCI-1-C240M5</b> Riser 1 incl 3 PCIe slots (x8, x16, x8); slot 3 req CPU2	Cisco Systems Inc.	1.00	\$83.58	\$83.58
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53	<b>MSWS-16-ST16C-RM</b> Windows Server 2016 Stan (16 Cores/2 VMs) Rec Media DVD Only	Cisco Systems Inc.	1.00	\$0.00	\$0.00

**Veeam Backup and Replication Software 3 Year**

54	<b>P-VBRPLS-VS-P0000-00</b> VEEAM BACKUP AND REPL ENT PLUS FOR VMWARE NEW LICs PUBLIC SECTOR	VEEAM	8.00	\$1,761.75	\$14,094.00
55	<b>V-VBRPLS-VS-P02YP-00</b> VEEAM BACKUP AND REPL ENT PLUS FOR VMWARE 2YR ADDL PREPAID MNT	VEEAM	8.00	\$841.00	\$6,728.00

**Cables - 10G Interconnects between Fabric and Core**

56	<b>CVR-QSFP-SFP10G=</b> QSFP to SFP10G adapter	Cisco Systems Inc.	4.00	\$203.00	\$812.00
57	<b>SFP-10G-AOC1M=</b> 10GBASE Active Optical SFP+ Cable, 1M	Cisco Systems Inc.	4.00	\$121.80	\$487.20
58	<b>SFP-H10GB-CU3M=</b> 10GBASE-CU SFP+ Cable 3 Meter	Cisco Systems Inc.	4.00	\$58.00	\$232.00

**Professional Services**

59	<b>AMS-MS-FLEX-PRE-20</b> \$4,600 Block of Premium Flex Support Hours - 20 Hours	AMS.NET	3.00	\$4,600.00	\$13,800.00
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**Shipping**

60	<b>AMS-FREIGHT</b> Freight and Handling	None	1.00	\$0.00	\$0.00
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Order Summary

Subtotal	\$82,190.78
Adjustment	\$0.00
Estimated Taxes	\$3,761.60
<b>Total</b>	<b>\$85,952.38</b>