



Harper, Linda B &lt;linda.b.harper@wv.gov&gt;

**[EXTERNAL] Bills of Materials per your request**

1 message

Charlie Arnett <CArnett@thinksis.com>  
To: "Harper, Linda B" <Linda.B.Harper@wv.gov>

Tue, Jul 20, 2021 at 9:21 AM

Ms. Harper,

Please find attached the Bills of Materials per your request (without pricing).

Please let me know if you have any questions.

Thank you

**From:** Harper, Linda B <linda.b.harper@wv.gov>  
**Sent:** Monday, July 19, 2021 4:39 PM  
**To:** jstewart@alpha-tech.us; Karen Smallwood <ksmallwood@convergetp.com>; Charlie Arnett <CArnett@thinksis.com>; mmunoz@advizex.com  
**Subject:** CRFP LOT2100000001 - Scalable Infrastructure Storage Solution - Lottery

**[EXTERNAL SENDER]**

Bidders,

Section 4.2.1.89 of the Request for Proposal identified above required that "The Vendor should include a detailed bill of materials (price list) that details each billable component of this RFP." After reviewing the information provided, the WV Lottery has determined that multiple bidders included the bill of materials in the cost proposal submission. This most likely occurred because of the inclusion of the words "(price list)" in the specification. In order to avoid opening cost proposals prematurely, and to ensure a complete evaluation of bid responses, the Purchasing Division is issuing this clarification to obtain copies of any "bill of materials" included in the cost bid submission, with all pricing information redacted. Failure to provide an exact copy of the document included in the cost proposal (except that pricing is redacted) may result in bid disqualification.

Please provide a redacted copy of any bill of materials that your firm may have included in the cost proposal to me no later than Wednesday, July 21, 2021, at 1:00 p.m.

Thank you,

# NetAPP UDS

AFF-A250 Hardware			
Line No.	Qty	Part Number	Description
1	1	AFF-A250	AFF-A250
2	1	AFF-A250-100-C	AFF A250,8X3 8TB,NVME,SED,-C
3	2	AFF-A250A-001	AFF A250 HA SYSTEM
4	2	X1152-N-C	MEZZANINE 4-PORT 25GBE,-C
5	2	X800-42U-R6-C	POWER CABLE,IN-CABINET,C13-C14,-C
6	1	DOC-AFF-A250-C	DOCUMENTS,AFF-A250,-C
7	1	X1985-R6-C	12-NODE CLUSTER CABLE LABEL KIT,-C
8	1	X5532A-N-C	RAIL,4-POST,THIN,RND SQ-HOLE,SM,ADJ,24-3
9	2	DATA-AT-REST-ENCRYPTION	DATA AT REST ENCRYPTION CAPABLE OPERATIN
10	8	X66250-5-N-C	CABLE,LC-LC,OM4,5M,-C
11	2	X66240A-05-N-C	CABLE,25GBE,SFP28-SFP28,CU,0.5M,-C
12	8	X65404-N-C	SFP28,25GBE.SR.-C
<b>Subtotal:</b>			
AFF-A250 Software			
Line No.	Qty	Part Number	Description
1	2	SW-2-A250A-NVE-C	SW,DATA AT REST ENCRYPTION ENABLED,A250,
2	2	SW-2-A250A-TPM-C	SW,TRUSTED PLATFORM MODULE ENABLED,A250,
3	2	SW-SECURITY-COMPL-BDL-C	SW,SECURITY AND COMPLIANCE BUNDLE,-C
4	304	SW-DATA-PRO-BDLNVME-A01-C	SW,DATA PROTECTN BDL,PER-0.1TB,NVME,A01,
5	304	SW-CORE-BNDLE-NVME-A01-C	SW,CORE BUNDLE,PER-0.1TB,NVME,A01,-C
<b>Subtotal:</b>			
AFF-A250 Service			
Line No.	Qty	Part Number	Description
1	1	PS-DEPLOY-STAND-AFF-L	PS DEPLOYMENT,STANDARD,AFF,LOW
2	1	CS-4HR-REPLACEMENT	4HR PARTS REPLACEMENT
Service Months: 60; Service Start Date: 6/14/2021			
3	1	CS-ADVISOR-PLUS	ADVISOR PLUS
Service Months: 60; Service Start Date: 6/14/2021			
4	1	CS-NON-RETURNABLE-DRIVES	NON-RETURNABLE DRIVES (HDDS/SSDS)
Service Months: 60; Service Start Date: 6/14/2021			
5	1	CS-G1-SE-ADVISOR	SUPPORTEDGE ADVISOR

# Cabinets

CABINET-R5 Hardware			
Line No.	Qty	Part Number	Description
1	2	CABINET-R5	CABINET-R5
2	40	X8778B-QS-R6-C	BLANK PANEL,2U,42U DEEP CABINET,QS,-C
3	4	X8776B-QS-R6-C	BLANK PANEL,1U,42U DEEP CABINET,QS,-C
4	8	X8712C-R6-C	PDU,1-PHASE,12 OUTLET,30A,NEMA,- C,R6
5	2	X870F-QS-C	CABINET,1280MM,EMPTY,NO PDU,NO RAILS,QS.

## Other Billable Charges

<b>Installation</b>	XXXXXXXX
Data Migration NetApp	XXXXXXXX
Other Migration SIS	XXXXXXXX
<b>Total Migration</b>	XXXXXXXX
<b>Training</b>	
NetApp	XXXXXXXX
VMware Training 1407 credits	XXXXXXXX
Veeam	XXXXXXXX
Cisco	XXXXXXXX
	XXXXXXXX
<b>Erasure</b>	XXXXXXXX
<b>Residency</b>	
Cisco 3 months	XXXXXXXX
NetApp 2 months	XXXXXXXX
Veeam 1 month	XXXXXXXX
	XXXXXXXX

; Model: 2800

**Subtotal:**

**X6562-R6 Hardware**

Line No.	Qty	Part Number	Description
1	2	X6562-R6	CABLE,ETHERNET,5M RJ45 CAT6

; Model: 2800

**Subtotal:**

**DE212C-E2800-EXP Hardware**

Line No.	Qty	Part Number	Description
1	1	DE212C-E2800-EXP	DE212C EXP SHELF, E2800 ATTACHED, MODEL, EC

2	6	E-X4127A-0E-C	DSK DRV,8TB,7.2K,12GB,NON-FDE,DE212C,0E,-C
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; Model: 2800

3	1	E-X5723A-DM-0E-C	ENCL,2U-12,DE212C,EMPTY,2PSU,913W,DM,0E,-C
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; Model: 2800

4	480	OS-SANTRICITY1-CAP1-0E-C	OS ENABLE,PER-0 1TB,SANTRCTY,CAP-STOR,0E,-C
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; Model: 2800

5	2	E-X5720A-0E-C	IOM12,SAS,12GB,E-SERIES,0E,-C
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; Model: 2800

6	4	X-26004-00-0E-C	CABLE,MINISAS HD-MINISAS HD,SAS3,1M,0E,-C
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; Model: 2800

7	1	X-52197-00-0E-C	POWER CORDS,IN-CAB,2M,C14-C13,E-SERIES,0E,-C
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; Model: 2800

8	6	X-50510-00-C	BLANK,DSK DRV FILLER,DE212C.-C
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; Model: 2800

**Subtotal:**

**DE212C-E2800-EXP Service**

Line No.	Qty	Part Number	Description
1	1	CS-NRD2-E	NON RETURNABLE DISK PLUS,E
Service Months: 60; Service			
2	1	CS-WARRANTY-EXTENSION	WARRANTY EXTENSION POINT-OF-SALE

## Cisco HyperFlex HCI, Rack Servers, VMware and Veeam Bill of Materials

Line Number	Part Number	Description	Service Duration (Months)
<b>Group Name: HCI</b>			
1.0	HXAF2X0C-M5S	Cisco Hyperconverged System	---
1.1	HXAF220C-M5SX	Cisco HyperFlex HX220c M5 All Flash Node	---
1.1.0.1	CON-SSC4P-AF220CM5	SOLN SUPP 24X7X4OS Cisco HyperFlex HX220c M5 All Flash Node	60
1.1.1	HX-SAS-M5	Cisco 12G Modular SAS HBA (max 16 drives)	---
1.1.2	HX-SD76T61X-EV	7.6TB 2.5 inch Enterprise Value 6G SATA SSD	---
1.1.3	HX-SD240GM1X-EV	240GB 2.5 inch Enterprise Value 6G SATA SSD	---
1.1.4	HX-M2-240GB	240GB SATA M.2	---
1.1.5	HX-MLOM-C25Q-04	Cisco UCS VIC 1457 Quad Port 10/25G SFP28 CNA MLOM	---
1.1.6	HX-PSU1-1050W	Cisco UCS 1050W AC Power Supply for Rack Server	---
1.1.7	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	---
1.1.8	HX-RAILB-M4	Ball Bearing Rail Kit for C220 M4 and C240 M4 rack servers	---
1.1.9	HX-MSD-32G	32GB Micro SD Card for UCS M5 servers	---
1.1.10	HXAF220C-BZL-M5S	HXAF220C M5 Security Bezel	---
1.1.11	UCS-MSTOR-M2	Mini Storage carrier for M.2 SATA/NVME (holds up to 2)	---
1.1.12	UCSC-HS2-C220M5	Heat sink for UCS C220 M5 rack servers CPUs above 150W	---
1.1.13	HX-CPU-I6248R	Intel 6248R 3GHz/205W 24C/35.75MB DDR4 2933MHz	---
1.1.14	HX-VSP-7-0-FND-DL	Factory Installed - VMware vSphere 7.0 Fnd SW Download	---
1.1.15	HX-VSP-EPL-5A	VMware vSphere 7.x Ent Plus (1 CPU), 5-yr, Support Required	---
1.1.15.0.1	CON-ISV1-VSXEPL5A	VSphere Enterprise Plus for 1 CPU; ANNUAL List 5-YR Req'd	60
1.1.16	HX-MR-X16G1RT-H	16GB DDR4-2933-MHz RDIMM/1Rx4/1.2v	---
1.1.17	HX-SD800G123X-EP	800GB 2.5in Enterprise Performance 12G SAS SSD(3X endurance)	---
1.1.18	HX-VSP-7-0-FND-D	Factory Installed -vSphere SW 7.0 1-CPU Enduser provides Lic	---
1.1.19	UCSC-BBLKD-S2	UCS C-Series M5 SFF drive blanking panel	---
1.2	HXDP-P001-5YR=	HyperFlex Data Platform Datacenter Premier 5 Yr	---
1.2.0.1	HXDPP001-5YR	HyperFlex Data Platform Datacenter Premier Subscription	60
1.3	HX-FI-6454	UCS Fabric Interconnect 6454	---
1.3.0.1	CON-SSC4P-HXFI6454	SOLN SUPP 24X7X4OS UCS Fabric Interconnect 6454	60
1.3.1	N10-MGT017	UCS Manager v4.1 and Intersight Managed Mode v4.1	---
1.3.2	HX-L-6400-25GC	FI per port license to connect to C-Direct	---
1.3.3	UCS-PSU-6332-AC	UCS 6332/ 6454 Power Supply/100-240VAC	---
1.3.4	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	---
1.3.5	UCS-ACC-6332	UCS 6332/ 6454 Chassis Accessory Kit	---
1.3.6	UCS-FAN-6332	UCS 6332/ 6454 Fan Module	---
1.3.7	SFP-25G-AOC3M	25GBASE Active Optical SFP28 Cable, 3M	---

5.9	UCS-SID-WKL-DP	Data Protection (Commvault, Veeam only)	---
5.10	UCSC-HS-C240M5	Heat sink for UCS C240 M5 rack servers 150W CPUs & below	---
5.11	UCSC-PCIF-240M5	C240 M5 PCIe Riser Blanking Panel	---
5.12	CBL-SC-MR12GM52	Super Cap cable for UCSC-RAID-M5 on C240 M5 Servers	---
5.13	UCSC-SCAP-M5	Super Cap for UCSC-RAID-M5, UCSC- MRAID1GB-KIT	---
5.14	UCS-CPU-I4214R	Intel 4214R 2.4GHz/100W 12C/16.50MB DDR4 2400MHz	---
5.15	UCSC-RAID-M5	Cisco 12G Modular RAID controller with 2GB cache	---
5.16	UCS-HD10T7KL4KN	10 TB 12G SAS 7.2K RPM LFF HDD (4K)	---
5.17	UCSC-BBLKD-S2	UCS C-Series M5 SFF drive blanking panel	---
<b>Group Name: Network</b>			<b>Subtotal=</b>
6.0	N9K-C93240YC-FX2	Nexus 9300 with 48p 10/25G SFP+ and 12p 100G QSFP28	---
6.0.1	CON-SSC4P-N93YCFX2	SOLN SUPP 24X7X4OS Nexus 9300 with 48p 10/25G SFP+ and 12p	60
6.1	MODE-NXOS	Dummy PID for mode selection	---
6.2	NXK-AF-PE	Dummy PID for Airflow Selection Port-side Exhaust	---
6.3	NXOS-10.1.2	Nexus 9500, 9300, 3000 Base NX-OS Software Rel 10.1.2	---
6.4	NXK-ACC-KIT-1RU	Nexus 3K/9K Fixed Accessory Kit, 1RU front and rear removal	---
6.5	MEM-UPG-OPT-OUT	OPT OUT PID FOR MEM UPGRADE USE ONLY	---
6.6	NXA-PAC-750W-PE	Nexus AC 750W PSU - Port Side Exhaust	---
6.7	CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	---
6.8	NXA-FAN-35CFM-PE	Nexus Fan, 35CFM, port side exhaust airflow	---
6.9	SFP-H25G-CU3M	25GBASE-CU SFP28 Cable 3 Meter	---
6.10	SFP-10G-SR-S	10GBASE-SR SFP Module, Enterprise- Class	---
6.11	QSFP-100G-CU1M	100GBASE-CR4 Passive Copper Cable, 1m	---
6.12	C1A1TN9300XF-5Y	DCN Advantage Term N9300 XF, 5Y	---
<b>Initial Term - 60.00 Months   Auto Renewal Term - 0 Months   Billing Model - Prepaid Term</b>			
6.13	SVS-B-N9K-ADV-XF	EMBEDDED SOLN SUPPORT SWSS FOR ACI NEXUS 9K	---
<b>Initial Term - 60.00 Months   Auto Renewal Term - 0 Months   Billing Model - Prepaid Term</b>			
6.14	QSFP-40/100-SRBD	100G and 40GBASE SR-BiDi QSFP Transceiver, LC, 100m OM4 MMF	---
<b>Group Name: Training</b>			<b>Subtotal=</b>
7.0	TRN-CLC-000	10 Training credit. Expires in 1 yr. Team Captain required	---