



JOLIET JUNIOR COLLEGE

1901

**JOLIET JUNIOR COLLEGE
ILLINOIS COMMUNITY COLLEGE DISTRICT #525**

**(Business & Auxiliary Services)
1215 Houbolt Road
Joliet, Illinois 60431-8938**

INSTRUCTIONS TO BIDDERS

Electronic proposals are invited for **VIRTUALIZATION INFRASTRUCTURE REPLACEMENT** pursuant to specifications. Please note that all vendors will have to complete an on-line registration process prior to submitting your proposal. A step-by-step supplier registration guide is posted to the college's website for your reference. General supplier guides are also available on the ESM website. If you have any questions during the registration process, contact ESM Solutions Customer Support (877) 969-7246 Option 3.

Registration Link:

<https://supplier.esmsolutions.com/registration#/registration/contactInformation/>

General Supplier Guide (ESM Document):

<https://support.esmsolutions.com/hc/enus/sections/115000917048-Supplier-Guides>

Supplier Registration Guide (JJC Document):

<https://www.jjc.edu/sites/default/files/Purchasing/FY2019/Supplier%20Registration%20Screenshots%20Final.pdf>

Please note the electronic sourcing tool will allow you to attach supporting documentation.

PROPOSALS:

Proposals will be received through the ESM sourcing tool and publicly read aloud by the Joliet Junior College, Joliet, Will County, Illinois, at the place, date and time hereinafter designated. You are invited to be present if you so desire.

PLACE:

Joliet Junior College District
Illinois Community College District #525
Director of Business & Auxiliary Services, Building A, Room 3102
1215 Houbolt Road
Joliet, IL 60431-8938

DATE:

JULY 29, 2019

FAXED AND HARD COPY ARE NOT ACCEPTABLE

TIME:

10:00 AM

Proposals received after this time will not be accepted.

Proposals must be made in accordance with the instructions contained herein. They shall be submitted on the forms provided on the ESM sourcing site.

PRE-BID MEETING: NOT REQUIRED

DELIVERY:

All prices must be quoted F.O.B., Joliet Junior College, 1215 Houbolt Road, Joliet, IL 60431 unless otherwise noted.

TAX EXEMPTION:

Joliet Junior College is exempt from Federal, State, and Municipal taxes.

SIGNATURE ON BIDS:

Joliet Junior College requires the signature on bid documents to be that of an authorized representative of said company.

Each bidder, by making his bid, represents that he has read and understands the bidding documents and that these instructions to bidders are a part of the specifications.

BIDDING PROCEDURES:

1. No bid shall be modified, withdrawn, or cancelled for sixty (60) days after the bid opening date without the consent of the College Board of Trustees.
2. Changes or corrections may be made in the bid documents after they have been issued and before bids are received. In such case, a written addendum describing the change or correction will be issued by the College to all bidders of record. Such addendum shall take precedence over that portion of the documents concerned, and shall become part of the bid documents. Except in unusual cases, addendum will be issued to reach the bidders at least five (5) days prior to date established for receipt of bids.
3. Each bidder shall carefully examine all bid documents and all addenda thereto, and shall thoroughly familiarize themselves with the detailed requirements thereof prior to submitting a proposal. Should a bidder find discrepancies or ambiguities in, or omissions from documents, or should they be in doubt as to their meaning, they shall, at once, and in any event, not later than ten (10) days prior to bid due date, notify the College who will, if necessary, send written addendum to all bidders. The college will not be responsible for any oral instructions. All inquiries shall be directed to the Director of Business & Auxiliary Services. After bids are received, no allowance will be made for oversight by bidder.

SUBSTITUTIONS:

1. Each bidder represents that his bid is based upon the materials and equipment described in the bidding documents.
2. Any dealer bidding an equal product must specify brand name, model number, and supply specifications of product. The Board shall be the sole judge of whether an article shall be deemed to be equal.
3. A bidder's failure to meet the minimum specifications as listed may result in disqualification of his bid.

REJECTION OF BIDS:

The bidder acknowledges the right of the College Board to reject any or all proposals and to waive informality or irregularity in any proposal received and to award each item to different bidders or all items to a single bidder. In addition, the bidder recognizes the right of the College Board to reject a

proposal if the proposal is in any way incomplete or irregular. The College Board may also award, at its discretion, only certain items quoted on. The College Board also reserves the right to reject the proposal of a Bidder who has previously failed to perform properly or complete on time contracts of a similar nature, or a bid of a Bidder when investigation shows that Bidder is not in a position to perform the contract.

BUSINESS ENTERPRISE PROGRAM (BEP):

MINORITIES, FEMALES, AND PERSONS WITH DISABILITIES PARTICIPATION AND UTILIZATION PLAN:

Joliet Junior College will make every effort to use local business firms and contract with small, minority-owned, and/or women-owned businesses in the procurement process. This solicitation contains a goal to include businesses owned and controlled by minorities, females, and persons with disabilities in the College's procurement and contracting processes in accordance with the State of Illinois' Business Enterprise for Minorities, Females, and Persons with Disabilities Act (30 ILCS 575).

Because these goals vary by business ownership status and category of procurement, we urge interested businesses to visit the Department of Central Management Services (CMS), [Business Enterprise Program \(BEP\)](#) web site to obtain additional details. To qualify, prime vendors or subcontractors must be certified by the CMS as BEP vendors prior to contract award. Go to <http://www2.illinois.gov/cms/business/sell2/bep/Pages/default.aspx> for complete requirements for BEP certification.

ADDENDA:

The only method by which any requirement of this solicitation may be modified is by written addendum.

Bidders are responsible for checking back on the ESM sourcing site for any addenda issued.

CLERICAL ERRORS:

If applicable, all errors in price extensions will be corrected by Joliet Junior College and totals for award determination corrected accordingly, unless the bidder specifies that no change be made in the total submitted. In this case, all incorrect price extensions will be noted at "lot", and award determination made on the basis of total price submitted.

SAMPLES:

Bidder may be required to furnish samples upon request and without charge to the College.

BID SECURITY: NOT REQUIRED

PAYMENTS:

Certified Payroll: **NOT REQUIRED**

Partial Lien Waivers: **NOT REQUIRED**

Final Lien Waivers: **NOT REQUIRED**

INSURANCE:

Consulting and Professional Services – IT Insurance Requirements

Worker's Compensation (Coverage A) as required by Illinois statutes, for all employees engaged in the work.

Employers' Liability Insurance (Coverage B) – Minimum of \$500,000

Commercial Liability, Bodily Injury and Property Damage Insurance against any claim(s), which might occur in carrying out the services, referenced in this RFP. Minimum coverage will be ONE MILLION DOLLARS (\$1,000,000) liability for bodily injury and property damage including product liability and completed operations.

Motor Vehicle Insurance for all owned, non-owned and hired vehicles that are used in carrying out the services described in this RFP. Minimum coverage shall be ONE MILLION DOLLARS (\$1,000,000) per occurrence combined single limit for automobile liability and property damage.

Professional Liability (Errors and Omissions Liability), including Network Security and Privacy Liability: The policy shall cover professional misconduct or lack of ordinary skill for those positions defined in the scope of services of this contract.

In the event that the professional liability insurance require *by* this contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of chis contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of two (2) years beginning at the time work under this contract is completed.

If such insurance is maintained on an occurrence form basis, Contractor shall maintain such insurance for an additional period of one (1) year following termination of contract. If such insurance is maintained on a claims-made basis, Contractor shall maintain such insurance for an additional period of three (3) years following termination of the contract.

If Contractor contends that any of the insurance it maintain pursuant to other sections of this clause satisfies this requirement (or otherwise insures the risks described in this section), then Contractor shall provide proof of same.

The insurance shall provide coverage for the following risks:

- Liability arising from theft, dissemination, and/ or use of confidential information (a defined term including, but not limited to, bank account and credit card account information and personal information, such as name, address, social security numbers, etc.) stored or transmitted in electronic form
- Network security liability arising from the unauthorized access to, use of, or tampering with computer systems, including hacker attacks or inability of an authorized third party to gain access to your services, including denial of service, unless caused by a mechanical or electrical failure
- Liability arising from the introduction of a computer virus into, or otherwise causing damage to, a customer's or third person's computer, computer system, network, or similar computer-related property and the data, software, and programs thereon.

Additional Requirements:

- The policy shall provide a waiver of subrogation
- The policy shall be endorsed to include additional insured language, such as: "Joliet Junior College, its affiliated organizations, successors, or assignees and its officials, trustees, employees, agents, and volunteers shall be named as additional ins reds with respect to liability arising out of the activities performed by, or on behalf of, the Contractor."

Minimum Limits	
Per Loss	\$1,000,000

Aggregate	\$1,000,000
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Crime Coverage, if applicable: Coverage shall include employee dishonesty, forgery, or alteration and computer fraud. If Contractor is physically located on Joliet Junior College premises, third-party fidelity coverage extension shall apply.

The policy shall include coverage for all employees of the Contractor.

- The bond or policy shall include coverage for extended theft and mysterious disappearance.
- The bond or policy shall not contain a condition requiring an arrest and conviction.

Minimum Limits	
Per Loss	\$1,000,000.00

Additional Insurance Requirements: The policies shall include, or be endorse to include, the following provisions:

1. On insurance policies where Joliet Junior College is named as an additional insured, Joliet Junior College shall be an additional insured to the full limits of liability purchased by the Contractor, even if those limits of liability are in excess of those required by this contract.
2. The Contractor's insurance coverage shall be primary insurance and non-contributory with respect to all other available sources.

Notice of Cancellation: Each insurance policy required by the insurance provisions of this contract shall provide the required coverage and shall not be suspended, voided, or canceled except after thirty (30) days' prior written notice has been given to Joliet Junior College, except when cancellation is for non-payment of premium; then ten (10) days' prior notice may be given. Such notice shall be sent directly to Joliet Junior College, **attention to Robert Galick, Vice President of Administrative Services, at 1215 Houbolt Road, Joliet, IL, 60431**. If any insurance company refuses to provide the required notices, the Contractor or its insurance broker shall notify Joliet Junior College of any cancellation, suspension, or non-renewal of any insurance within seven (7) days of receipt of insurers' notification to that effect.

Acceptability of Insurers: Insurance is to be placed with insurers duly licensed or authorized to do business in the state of Illinois and with an "A.M. Best" rating of not less than A- VII. Joliet Junior College in no way warrants that the above-required minimum insurer rating is sufficient to protect the Contractor from potential insurer insolvency.

Verification of Coverage: Contractor shall furnish Joliet Junior College with certificates of insurance (ACORD form or equivalent) as required by this contract. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.

All certificates and any required endorsements are to be received and approved by Joliet Junior College before work commences. Each insurance policy required by this contract must be in effect at or prior to commencement of work under this contract and remain in effect for the duration of the project. Failure to maintain the insurance policies as required by this contract or to provide evidence of renewal is a material breach of contract.

All certificates required by this contract shall be sent directly to Joliet Junior College at the address shown. The project/ contract number and project description shall be noted on the certificate of

insurance. Joliet Junior College reserves the right to require complete, certified copies of all insurance policies required by this contract at any time.

Subcontractors: Contractors' certificate(s) shall include all subcontractors as additional insureds under its policies, or Contractor shall furnish to Joliet Junior College separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to the minimum requirements identified above.

Approval: Any modification or variation from the insurance requirements in this contract shall be made by the risk management department or the Vice President of Administrative Services, whose decision shall be final. Such action will not require a formal contract amendment, but may be made by administrative action.

PERFORMANCE BONDS: NOT REQUIRED

LAWS AND ORDINANCES:

In execution of the work, the Contractor shall comply with applicable state and local laws, ordinances and regulation, the rules and regulations of the Board of Fire Underwriters, and OSHA standards.

SEX OFFENDER REGISTRATION REQUIREMENT NOTIFICATION:

Illinois Compiled Statutes (730 ILCS 150/2) requires that any person who is required by law to register as a sex offender and who is either a student or an employee at an institution of higher education, must also register with the police department of the institution they are employed by or attending. For purposes of this act, a student or employee is defined as anyone working at or attending the institution for a period of five (5) days or an aggregate period of more than thirty (30) days during a calendar year. This includes persons operating as or employed by an outside contractor at the institution. Anyone meeting the above requirements is required to register at the Campus Police Department located in G1013, within five (5) days of enrolling or becoming employed. Persons failing to register are subject to criminal prosecution.

DAMAGE AND NEGLIGENCE:

The Contractor agrees to indemnify and save harmless the College and employees from and against all loss, including costs and attorney's fees, by reasons or liability imposed by law upon the College for damages because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons or on account of damage to property including loss of use thereof as provided in the General Conditions and Supplementary Conditions.

College shall not be responsible for damages, delays, or failure to perform on its part resulting from acts or occurrences of force majeure. "Force majeure" means any (a) act of God, landslide, lightning, earthquake, hurricane, tornado, blizzard, floods and other adverse and inclement weather conditions; (b) fire, explosion, flood, acts of a public enemy, war, blockade, insurrection, riot or civil disturbance; (c) labor dispute, strike, work slow down, picketing, primary boycotts, secondary boycotts or boycotts of any kind and nature, or work stoppages; (d) any law, order, regulation ordinance, or requirement of any government or legal body or any representative of any such government or legal body; (e) inability to secure necessary materials, equipment, parts or other components of the project as a result of transportation difficulties, fuel or energy shortages, or acts or omission of any common carriers; or (f) any other similar cause or similar event beyond the reasonable control of College.

INVESTIGATION OF BIDDERS:

The College will make any necessary investigation to determine the ability of the bidder to fulfill the proposal requirements. Joliet Junior College reserves the right to reject any proposal if it is determined that the bidder is not properly qualified to carry out the obligation of the contract.

DISCLOSURE:

Vendor shall note any and all relationships that might be a conflict of interest and include such information with the bid.

APPRENTICESHIP AND TRAINING PROGRAMS: NOT REQUIRED**SUBCONTRACTORS:**

Bidders must state on the proposal form all subcontractors he intends to use for this project. Failure to do so may be cause for rejection of bid.

PREVAILING WAGE RATE: NOT REQUIRED**BID QUANTITIES:**

The College Board will reserve the right to increase or decrease, within reasonable limits, such quantities as need requires and at the unit price stated.

BID AWARDS:

The successful contractor, and/or any contractor shall not proceed on this bid until it receives a purchase order from the college. Failure to comply is the risk of that contractor.

TERMINATION OF FUNDING:

JJC's contractual obligations will be subject to termination and cancellation without penalty, accelerated payment, or other recoupment mechanism as provided herein in any fiscal year for which the Illinois General Assembly or other legally applicable funding source fails to make an appropriation to make payments under the terms of this Contract. In the event of termination for lack of appropriation, the Vendor shall be paid for services performed under this Contract up to the effective date of termination. JJC shall give notice of such termination for funding as soon as practicable after JJC becomes aware of the failure of funding.

CHANGES TO CONTRACT AFTER BID AWARD:

There shall be no deviations from any work without a written change order. All change orders must be approved by the Director of Business & Auxiliary Services or Vice President of Administrative Services as well as executed by the successful contractor.

If a change order or aggregate of change orders are 10% or more of the contract price, and such change orders are not approved, in writing, by either the Director of Business & Auxiliary Services or Vice President of Administrative Services, the successful contractor shall not be entitled to any type of compensation for services or materials provided.

GENERAL:

Joliet Junior College is committed to a policy of non-discrimination on the basis of sex, handicap, race, color, and national or ethnic origin in the admission, employment, educational programs, and activities it operates. Inquiries should be addressed to the Director of Human Resources.

The contractor (or vendor) shall agree to save and hold harmless the Joliet Junior College, the members

of its College Board, its agents, servants and employees, from any and all actions or causes of action, or claim for damages, including the expense of defending suit, arising or growing out of the performance of, or failure to perform its contract.

The parties to any contract (inclusive of subcontractors) resulting from this bid hereto shall abide by the requirements of Executive Order 11246, 42 U.S.C. Section 2000d and the regulations thereto, as may be amended from time to time, the Illinois Human Rights Act, and the Rules and Regulations of the Illinois Department of Human Rights. Any vendor awarded a contract as a result of this bid must comply with the Illinois Department of Human Rights Equal Opportunity Act/Rules Sections 750.5 and 5/2-105.

Pursuant to Section 50-80 of the Illinois Procurement Code, each bidder who submits a bid or offer for a State of Illinois contract under this Code shall have a sexual harassment policy in accordance with paragraph (4) of subsection (A) of Section 2-105 of the Illinois Human Rights Act. A copy of the policy shall be provided to the college entering into the contract upon request.

The Customer reserves the right to request additional information after your proposal has been submitted.

BLACKOUT PERIOD:

After the College has advertised for bids, no pre-bid vendor shall contact any College officer(s) or employee(s) involved in the solicitation process, except for interpretation of bid specifications, clarification of bid submission requirements or any information pertaining to pre-bid conferences. Such bidders or sub-bidders making such request shall be made in writing at least seven (7) days prior to the date for receipt of bids. No vendor shall visit or contact any College officers or employees until after the bids are awarded, except in those instances when site inspection is a prerequisite for the submission of a bid. During the black-out period, any such visitation, solicitation or sales call by any representative of a prospective vendor in violation of this provision may cause the disqualification of such bidder's response.



Janice Reedus
Director of Business & Auxiliary Services

JOLIET JUNIOR COLLEGE
ILLINOIS COMMUNITY COLLEGE DISTRICT #525
(Business & Auxiliary Services)
1215 Houbolt Road
Joliet, Illinois 60431-8938
Telephone: (815) 280-6640
Fax: (815) 280-6631

INFORMATION PERTAINING TO OUR BIDS CAN BE FOUND AT THE FOLLOWING WEBSITE:
<http://www.jjc.edu/business-auxiliary/purchasing>

QUESTIONS PERTAINING TO OUR BIDS CAN BE EMAILED TO:
purchasing@jjc.edu

CERTIFICATION OF CONTRACT/BIDDER

The below signed contractor/bidder hereby certifies that it is not barred from bidding on this or any other contract due to any violation of either Section 33E-3 or 33E-4 of Article 33E, Public Contracts, of the Illinois Criminal Code of 1961, as amended. This certification is required by Public Act 85-1295. This Act relates to interference with public contracting, bid rigging and rotating, kickbacks and bribery.

SIGNATURE OF CONTRACTOR/BIDDER

TITLE

DATE

THIS FORM **MUST** BE RETURNED WITH YOUR BID TO:

Joliet Junior College
Illinois Community College District #525
Director of Business & Auxiliary Services, Building A, Room 3102
1215 Houbolt Road
Joliet IL 60431

Joliet Junior College
Request for Bid
VIRTUALIZATION INFRASTRUCTURE
REPLACEMENT

Joliet Junior College (JJC) requests bids for a Cisco HyperFlex solution which will provide a secure and scalable environment to support Microsoft Hyper-V and the transition to Microsoft Azure.

JJC intends to purchase a virtualization solution that can contain our existing Converged Cisco UCS Hyper-V environment while reducing or eliminating storage hardware and network management requirements utilizing as many Microsoft native tools as possible. The solution should leverage as many currently deployed solutions as possible to address Azure Cloud connectivity, Disaster Recovery, and Business Continuity. The end goal of the replacement is the decommissioning of as much existing Compute, SAN, and Network hardware as possible while minimizing user-impacted downtime of the Guest OS and applications.

SCOPE OF WORK

The Scope of Work involves:

- Supplying and installing hardware
- Information gathering and scoping the engagement to create an implementation plan
- Identifying the relationship and configuration of existing hardware to be replaced by the bidder's solution
- Onsite implementation (single location in JJC Main Campus) and knowledge transfer based on the implementation plan generated in the information gathering engagement
- Migration process testing to address minimum 10% of existing system, one guest per configured VLAN is preferred.
- Ensuring compliance to requirements of the College

Please refer to Attachment "A" for Infrastructure Requirements. Additional specifics to the current environment can be addressed through the Q&A section under the header section of this event.

The vendor should provide pricing options for a one (1), three (3), or five (5) year contract for all services and materials to be used during the term of the contract. The list of proposed prices should be structured to allow for the calculation of unit cost analyses. The prices included within the bid must stay firm through each contract term.

Requirements

1. Bidder must be a member of the Cisco Authorized Reseller Network and Gold partner
2. Bidder must have Cisco Specialist designation for Advanced Unified Computing & Unified Fabric
3. Bidder must have Microsoft Gold Certification for Virtualization or for Datacenter technologies.
4. All equipment must be new; refurbished or used equipment will not be accepted.
5. Substitutions for products listed will not be accepted.

Joliet Junior College
Request for Bid
VIRTUALIZATION INFRASTRUCTURE
REPLACEMENT

To ensure the Cisco products are sourced Directly from Cisco to Joliet Junior College, the vendor shall certify that they are a Cisco Authorized Channel Partner as of the date of the submission of their offer, and that they have the certification/specialization level required by Cisco to support both the product sale and product pricing. The vendor shall source Cisco products Directly from Cisco and the Vendor confirms to have sourced all Manufacturer products submitted in this offer Directly from Manufacturer. Products obtained outside these channels may require additional costs associated with product relicensing and inspection fees before Cisco will enter into Warranty/Service support for the product in question. Furthermore, the Joliet Junior College must be the original licensee of all Cisco Software.

In the event there are questions pertaining to the validity of the Cisco products, Joliet Junior College reserves the right to verify the origin of the Cisco products with Cisco Systems, Inc. In the event the Cisco Products have been acquired from un-authorized channels, Joliet Junior College further reserves the right to return the products for a full refund. The vendor shall certify to this clause in their bid submission by providing an authorized signature below.

Authorized Signature

Printed Name

Title

PLEASE ANSWER QUESTION THE BELOW WITH AN X:

1. We are a member of the Cisco Authorized Reseller Network: YES _____ NO _____

Firms interested in receiving payment via e-check are encouraged to complete the Electronic Funds Transfer Authorization Agreement is available online at: jjc.edu/financial-services/Pages/accounts-payable.aspx

Firm

Authorized Signature

Address

Printed Signature

City State Zip

Date () Phone Number

E-mail Address

FAX

Bid results can be viewed at www.jjc.edu/community/vendors

**VIRTUALIZATION INFRASTRUCTURE REPLACEMENT
ATTACHMENT A**

Part Number	Description	Qty
Cisco HyperFlex Configuration		
HyperFlex Nodes		
HX2X0C-M5S	Cisco Hyperconverged System	1
HX240C-M5SX	Cisco HyperFlex HX240c M5 Node	3
HX-CPU-6138	2.0 GHz 6138/125W 20C/27.50MB Cache/DDR4 2666MHz	6
HX-MR-X32G2RS-H	32GB DDR4-2666-MHz RDIMM/PC4-21300/dual rank/x4/1.2v	72
HX-PCI-1-C240M5	Riser 1 incl 3 PCIe slots (x8, x16, x8)	3
HX-PCI-2B-240M5	Riser 2B incl 3PCieslots(x8,x16,x8)+2NVMe(1cnctr)supportsGPU	3
HX-HD18TB10K4KN	1.8TB 12G SAS 10K RPM SFF HDD (4K)	69
HX-M2-240GB	240GB SATA M.2	3
HX-MSD-32G	32GB Micro SD Card for UCS M5 servers	3
HX-PSU1-1050W	Cisco UCS 1050W AC Power Supply for Rack Server	6
CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	6
HX-RAILB-M4	Ball Bearing Rail Kit for C220 M4 and C240 M4 rack servers	3
UCSC-HS-C240M5	Heat sink for UCS C240 M5 rack servers 150W CPUs & below	6
UCSC-BBLKD-S2	UCS C-Series M5 SFF drive blanking panel	3
UCS-MSTOR-M2	Mini Storage carrier for M.2 SATA/NVME (holds up to 2)	3
HX240C-BZL-M5S	HX240C M5 Security Bezel	3
UCSC-RSAS-240M5X	C240 Rear UCS-RAID-M5HD SAS cbl(1)kitinclfan,bkpln	3
HX-SAS-M5HD	Cisco 12G Modular SAS HBA for up to 26 drives	3
HX-MSWS-OPT-OUT	No Factory Install - Windows Server Data Center	3
HX-SD16T123X-EP	1.6TB 2.5in Enterprise Performance 12G SAS SSD(3X endurance)	3
HX-SD240GM1X-EV	240GB 2.5 inch Enterprise Value 6G SATA SSD	3
HX-MLOM-C25Q-04	Cisco UCS VIC 1457 Quad Port 10/25G SFP28 CNA MLOM	3
TRN-CLC-004	1 Training credit. Expires in 1 yr. Team Captain required	77
HyperFlex 6454 Fabric Interconnects		
HX-FI-6454	UCS Fabric Interconnect 6454	2
N10-MGT016	UCS Manager v4.0	2
UCS-PSU-6332-AC	UCS 6332 Power Supply/100-240VAC	4
CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	4
UCS-ACC-6332	UCS 6332/ 6454 Chassis Accessory Kit	2
UCS-FAN-6332	UCS 6332/ 6454 Fan Module	8
SFP-H25G-CU1M	25GBASE-CU SFP28 Cable 1 Meter (Please Note: Cables from FI's to Nodes)	6
HyperFlex Three Year (36 Month) Software Subscription		
HXDP-S001-3YR=	Cisco HyperFlex Data Platform Standard Edition 3 Yr Subscrip	3
HXDPS001-3YR	HyperFlex Data Platform Standard Edition 3 Yr Subscription	3
HyperFlex Three Year (36 Month) Onsite SMARTnet Maintenance		
CON-OS-HXFI6454	SNTC-8X5XNBDOS UCS Fabric Interconnect 6454	2
CON-OS-240CM5SX	SNTC 8X5XNBDOS Cisco HyperFlex HX240c M5 Node	3
ALTERNATES		
Alternate Option #1:	HyperFlex One Year (12 Month) Software Subscription	
	Cisco HyperFlex Data Platform Standard Edition 3 Yr Subscrip	3
	HyperFlex Data Platform Standard Edition 3 Yr Subscription	3
	HyperFlex One Year (12 Month) Onsite SMARTnet Maintenance	
	SNTC-8X5XNBDOS UCS Fabric Interconnect 6454	2
	SNTC 8X5XNBDOS Cisco HyperFlex HX240c M5 Node	3
Alternate Option #2:	HyperFlex Five Year (60 Month) Software Subscription	
	Cisco HyperFlex Data Platform Standard Edition 3 Yr Subscrip	3
	HyperFlex Data Platform Standard Edition 3 Yr Subscription	3
	HyperFlex Five Year (60 Month) Onsite SMARTnet Maintenance	
	SNTC-8X5XNBDOS UCS Fabric Interconnect 6454	2
	SNTC 8X5XNBDOS Cisco HyperFlex HX240c M5 Node	3