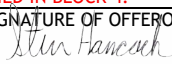


GOVERNMENT OF THE DISTRICT OF COLUMBIA TASK ORDER/DELIVERY ORDER FOR SERVICES OFFEROR TO COMPLETE BLOCKS 18 & 29				1. REQUISITION NUMBER RK153324		PAGE 1 of 10	
2. TASK ORDER AGREEMENT NO. CW83869		3. Award/Effective Date See Block 30c.		4. CONTRACT NUMBER CW77668-AR3227		5. SOLICITATION NUMBER Doc515441	
7. FOR SOLICITATION INFORMATION CONTACT Email: Yolanda.Mcdonald@dc.gov		A. NAME Yolanda McDonald				B. TELEPHONE (No Collect Calls) (202) 727-8704	
9. ISSUED BY Office of Contracting and Procurement Information Technology Group 441 4TH Street, N.W., Suite 330 South Washington, D.C. 20001				10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE %FOR <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> SMALL DISADV. BUS. <input type="checkbox"/> DCSS SIC: SIZE STANDARD:		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input checked="" type="checkbox"/> N/A <input type="checkbox"/> 13. RESERVED	
5. CONTRACTOR / OFFEROR Networking for Future Inc. 1331 Pennsylvania Avenue, N.W., Suite 1210 Washington, D.C. 20004				16. PAYMENT WILL BE MADE BY CODE Office of the Chief Technology Officer/Accounts Payable 200 I Street, S.E., Washington, D.C. 20003 www.vendorportal.dc.gov			
15A DUNS NO. 15B TAX ID NO.				18. ADMINISTERED BY Office of the Chief Technology Officer 200 I Street, S.E., 5th Floor Washington, D.C. 20003			
17. DELIVER TO Office of the Chief Technology Officer Attn: Tige Johnson 200 I Street, S.E., 5th Floor Washington, D.C. 20003				18A. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER <input type="checkbox"/>			
18B. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 16 UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM				19. ITEM NO. 20. SCHEDULE OF SUPPLIES/SERVICES 21. QUANTITY 22. UNIT 23. UNIT PRICE 24. AMOUNT			
0001-0017		Cisco Power Supplies and Optics (Data Center) (See Pricing Schedule – Attachment B)		1		Lot	

						\$166,618.92	
25. ACCOUNTING AND APPROPRIATION DATA PURCHASE ORDER NO.				26. TOTAL AWARD (FOR GOVT. USE ONLY) \$166,618.92			
27. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN ONE COPY TO THE ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL PAGES SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN. THIS ORDER IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS OF THE DC SUPPLY SCHEDULE CONTRACT, FEDERAL SUPPLY SCHEDULE CONTRACT OR COOPERATIVE AGREEMENT IDENTIFIED IN BLOCK 4.				28. THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE INTO THIS TASK ORDER IN THE FOLLOWING PRIORITY: (1) CONTRACTOR'S Technical proposal THIS ORDER IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS OF THE DC SUPPLY SCHEDULE CONTRACT, FEDERAL SUPPLY SCHEDULE CONTRACT OR COOPERATIVE AGREEMENT IDENTIFIED IN BLOCK 4.			
29A. SIGNATURE OF OFFEROR / CONTRACTOR 				30A. DISTRICT OF COLUMBIA (SIGNATURE OF CONTRACTING OFFICER)			
29B. NAME AND TITLE OF SIGNER (TYPE OR PRINT) Steven Hancock VP of Sales		29C. DATE SIGNED 7/10/20		30B. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) Chris Yi Contracting Officer		30C. DATE SIGNED	

1. Services Required

The Office of Contracting and Procurement, on behalf of Office of the Chief Technology Officer seeks a contractor to procure Cisco Data Communications equipment for District Government's new data center. The District has selected a new Data Center (ODC4) in the heart of the city to replace the services currently offered at ODC1. The infrastructure for ODC4 must be built to align with the District's vision in developing and operating energy efficient data centers while providing a scale-out data center infrastructure.

2. Contract Number

CW77668 - AR3227

3. Task Order Number

CW83869

4. Term of Contract

The period of performance shall be one year from date of Award.

5. Contracting Officer (CO)

Contracts may be entered into and signed on behalf of the District Government only by Contracting Officers. The name, address and telephone number of the Contracting Officer for this task order is:

Chris Yi
Office of Contracting and Procurement
441 4th Street N.W., Washington, D.C. 20001
Telephone: 202.724.5069
E-mail: Chris.Yi@dc.gov

5.1 The CO is the only person authorized to approve changes in any of the requirements of this contract.

5.2 The Contractor shall not comply with any order, directive or request that changes or modifies the requirements of this contract, unless issued in writing and signed by the CO.

5.3 In the event the Contractor effects any change at the instruction or request of any person other than the CO, the change will be considered to have been made without authority and no adjustment

6. Contract Administrator (CA)

The CA is responsible for the technical administration of the contract and advising the Contracting Officer as to the Contractor's compliance or noncompliance with the contract. In addition, the CA is responsible for the day-to-day monitoring and supervision of the contract, of ensuring that the work conforms to the requirements of this contract and such other responsibilities and authorities as may be specified in writing by the Contracting Officer. The CA for this task order is:

Tige Johnson
Office of the Chief Technology
Officer 200 I Street S.E.,

Washington, D.C. 20003
Telephone: (202) 715-3753
E-mail: Tige.johnson@dc.gov

- 6.1 It is understood and agreed that the CA shall not have the authority to make changes in the specifications/scope of work or terms and conditions of the contract.
- 6.2 Contractor shall be held fully responsible for any changes not authorized in advance, in writing, by the Contracting Officer, may be denied compensation or other relief for any additional work performed that is not so authorized, and may also be required, at no additional cost to the District, to take all corrective action necessitated by reason of the unauthorized changes.
7. **Invoice Payment**
The District will make payments to the Contractor, upon the submission of proper invoices, at the prices stipulated in this contract, for supplies delivered and accepted or services performed and accepted, less any discounts, allowances or adjustments provided for in this contract.
- 7.1 The District will pay the Contractor on or before the 30th day after receiving a proper invoice from the Contractor.
8. **Invoice Submittal**
The Contractor shall submit proper invoices on a monthly basis or as otherwise specified in the contract.
- 8.1 The Contractor shall submit payment requests in electronic format through the DC Vendor Portal www.vendorportal.dc.gov by selecting the applicable purchase order number which is listed on the Contractor's profile.
- 8.2 To constitute a proper invoice, the Contractor shall attach to all payment requests the invoice and all supporting documentation or information.
9. **Insurance**
A. GENERAL REQUIREMENTS. The Contractor at its sole expense shall procure and maintain, during the entire period of performance under this contract, the types of insurance specified below. The Contractor shall have its insurance broker or insurance company submit Certificate of Insurance to the CO giving evidence of the required coverage prior to commencing performance under this contract. In no event shall any work be performed until the required Certificates of Insurance signed by an authorized representative of the insurer(s) have been provided to, and accepted by, the CO. All insurance shall be written with financially responsible companies authorized to do business in the District of Columbia or in the jurisdiction where the work is to be performed and have an A.M. Best Company rating of A- / VII or higher. Should the Contractor decide to engage a subcontractor for segments of the work under this contract, then, prior to commencement of work by the subcontractor, the Contractor shall submit in writing the name and brief description of work to be performed by the subcontractor on the Subcontractors Insurance Requirement Template provided by the CA, to the Office of Risk Management (ORM). ORM will determine the insurance requirements applicable to the subcontractor **and promptly** deliver such requirements in writing to the Contractor

and the CA. The Contractor must provide proof of the subcontractor's required insurance to prior to commencement of work by the subcontractor. If the Contractor decides to engage a subcontractor without requesting from ORM specific insurance requirements for the subcontractor, such subcontractor shall have the same insurance requirements as the Contractor.

All required policies shall contain a waiver of subrogation provision in favor of the Government of the District of Columbia.

The Government of the District of Columbia shall be included in all policies required Hereunder to be maintained by the Contractor and its subcontractors (except for workers' compensation and professional liability insurance) as an additional insured for claims against The Government of the District of Columbia relating to this contract, with the understanding that any affirmative obligation imposed upon the insured Contractor or its subcontractors (including without limitation the liability to pay premiums) shall be the sole obligation of the Contractor or its subcontractors, and not the additional insured. The additional insured status under the Contractor's and its subcontractors' Commercial General Liability insurance policies shall be effected using the ISO Additional Insured Endorsement form CG 20 10 11 85 (or CG 20 10 07 04 **and** CG 20 37 07 04) or such other endorsement or combination of endorsements providing coverage at least as broad and approved by the CO in writing. All of the Contractor's and its subcontractors' liability policies (except for workers' compensation and professional liability insurance) shall be endorsed using ISO form CG 20 01 04 13 or its equivalent so as to indicate that such policies provide primary coverage (without any right of contribution by any other insurance, reinsurance or self-insurance, including any deductible or retention, maintained by an Additional Insured) for all claims against the additional insured arising out of the performance of this Scope of Work by the Contractor or its subcontractors, or anyone for whom the Contractor or its subcontractors may be liable. These policies shall include a separation of insureds clause applicable to the additional insured.

If the Contractor and/or its subcontractors maintain broader coverage and/or higher limits than the minimums shown below, the District requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Grantee and subcontractors.

1. Commercial General Liability Insurance ("CGL") - The Contractor shall provide evidence satisfactory to the CO with respect to the services performed that it carries a CGL policy, written on an occurrence (not claims-made) basis, on Insurance Services Office, Inc. ("ISO") form CG 00 01 04 13 (or another occurrence-based form with coverage at least as broad and approved by the CO in writing), covering liability for all ongoing and completed operations of the Contractor, including ongoing and completed operations under all subcontracts, and covering claims for bodily injury, including without limitation sickness, disease or death of any persons, injury to or destruction of property, including loss of use resulting therefrom, personal and advertising injury, and including coverage for liability arising out of an Insured Contract (including the tort liability of another assumed in a contract) and acts of terrorism (whether caused by a foreign or domestic source). Such coverage shall have limits of liability of not less than \$1,000,000 each occurrence, a \$2,000,000 general aggregate (including a per location or per project aggregate limit endorsement, if applicable) limit, a \$1,000,000 personal and advertising injury limit, and a \$2,000,000 products-completed operations aggregate limit.

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The contractor should be named as an additional insured on the applicable manufacturer's/distributor's Commercial General Liability policy using Insurance Services Office, Inc. ("ISO") form CG 20 15 04 13 (or another occurrence-based form with coverage at least as broad).

OCP should collect, review for accuracy and maintain all warranties for goods and services.

2. Automobile Liability Insurance - The Contractor shall provide evidence satisfactory to the CO of commercial (business) automobile liability insurance written on ISO form CA 00 01 10 13 (or another form with coverage at least as broad and approved by the CO in writing) including coverage for all owned, hired, borrowed and non-owned vehicles and equipment used by the Contractor, with minimum per accident limits equal to the greater of (i) the limits set forth in the Contractor's commercial automobile liability policy or (ii) \$1,000,000 per occurrence combined single limit for bodily injury and property damage.
3. Workers' Compensation Insurance - The Contractor shall provide evidence satisfactory to the CO of Workers' Compensation insurance in accordance with the statutory mandates of the District of Columbia or the jurisdiction in which the contract is performed.
4. Employer's Liability Insurance - The Contractor shall provide evidence satisfactory to the CO of employer's liability insurance as follows: \$500,000 per accident for injury; \$500,000 per employee for disease; and \$500,000 for policy disease limit. All insurance required by this paragraph 3 shall include a waiver of subrogation endorsement for the benefit of Government of the District of Columbia.
5. Cyber Liability Insurance - The Contractor shall provide evidence satisfactory to the Contracting Officer of Cyber Liability Insurance, with limits not less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate. Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by Contractor in this agreement and shall include, but not limited to, claims involving infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress, invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, alteration of electronic information, extortion and network security. The policy shall provide coverage for breach response costs as well as regulatory fines and penalties as well as credit monitoring expenses with limits sufficient to respond to these obligations. This insurance requirement will be considered met if the general liability insurance includes an affirmative cyber endorsement for the required amounts and coverages.
6. Commercial Umbrella or Excess Liability - The Contractor shall provide evidence satisfactory to the CO of commercial umbrella or excess liability insurance with minimum limits equal to the greater of (i) the limits set forth in the Contractor's umbrella or excess liability policy or (ii) \$5,000,000 per occurrence and \$5,000,000 in the annual aggregate, following the form and in excess of all liability policies. All liability coverages must be scheduled under the umbrella and/or excess policy. The insurance required under this paragraph shall be written in a form that annually reinstates all required limits. Coverage shall be primary to any insurance, self-insurance or reinsurance maintained by the District and the "other insurance"

provision must be amended in accordance with this requirement and principles of vertical exhaustion.

- B. PRIMARY AND NO CONTRIBUTORY INSURANCE.** The insurance required herein shall be primary to and will not seek contribution from any other insurance, reinsurance or self-insurance including any deductible or retention, maintained by the Government of the District of Columbia.
- C. DURATION.** The Contractor shall carry all required insurance until all contract work is accepted by the District of Columbia and shall carry listed coverages for ten years for construction projects following final acceptance of the work performed under this contract and two years for non-construction related contracts.
- D. LIABILITY.** These are the required minimum insurance requirements established by the District of Columbia. However, the required minimum insurance requirements provided above will not in any way limit the contractor's liability under this contract.
- E. CONTRACTOR'S PROPERTY.** Contractor and subcontractors are solely responsible for any loss or damage to their personal property, including but not limited to tools and equipment, scaffolding and temporary structures, rented machinery, or owned and leased equipment. A waiver of subrogation shall apply in favor of the District of Columbia.
- F. MEASURE OF PAYMENT.** The District shall not make any separate measure or payment for the cost of insurance and bonds. The Contractor shall include all of the costs of insurance and bonds in the contract price.
- G. NOTIFICATION.** The Contractor shall ensure that all policies provide that the CO shall be given thirty (30) days prior written notice in the event of coverage and / or limit changes or if the policy is canceled prior to the expiration date shown on the certificate. The Contractor shall provide the CO with ten (10) days prior written notice in the event of non-payment of premium. The Contractor will also provide the CO with an updated Certificate of Insurance should its insurance coverages renew during the contract.
- H. CERTIFICATES OF INSURANCE.** The Contractor shall submit certificates of insurance giving evidence of the required coverage as specified in this section prior to commencing work. Certificates of insurance must reference the corresponding contract number. Evidence of insurance shall be submitted to:

The Government of the District of Columbia

And mailed to the attention of:

Chris Yi, CFCM, CPPB
Supervisory Contract Specialist
Servicing: Office of the Chief Technology Officer
Office of Contracting & Procurement
[200 I Street SE Suite 5410](#)
[Washington, DC 20003](#)
Office: [202.724.5069](#)
Email: chris.yi@dc.gov

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The CO may request and the Contractor shall promptly deliver updated certificates of insurance, endorsements indicating the required coverages, and/or certified copies of the insurance policies. If the insurance initially obtained by the Contractor expires prior to completion of the contract, renewal certificates of insurance and additional insured and other endorsements shall be furnished to the CO prior to the date of expiration of all such initial insurance. For all coverage required to be maintained after completion, an additional certificate of insurance evidencing such coverage shall be submitted to the CO on an annual basis as the coverage is renewed (or replaced).

J. DISCLOSURE OF INFORMATION. The Contractor agrees that the District may disclose the name and contact information of its insurers to any third party which presents a claim against the District for any damages or claims resulting from or arising out of work performed by the Contractor, its agents, employees, servants or subcontractors in the performance of this contract.

K. CARRIER RATINGS. All Contractor's and its subcontractors' insurance required in connection with this contract shall be written by insurance companies with an A.M. Best Insurance Guide rating of at least A- VII (or the equivalent by any other rating agency) and licensed in the District.

10. Attachments

10.1 Attachment A – Statement of Work

10.2 Attachment B - Price Schedule

ATTACHMENT A

Statement of Work

A.1 Scope

The Office of Contracting and Procurement, on behalf of Office of the Chief Technology Officer, seeks a Contractor to provide Cisco Data Communications equipment for District Government's new data center. The District has selected a new Data Center (ODC4) in the heart of the city to replace the services currently offered at ODC1. The infrastructure for ODC4 must be built to align with the District's vision in developing and operating energy efficient data centers while providing a scale-out data center infrastructure.

A.2 Applicable Documents

None

A.3 Definitions

None

A.4 Background

The District of Columbia Office of the Chief Technology Officer has multiple technology Data Center infrastructure build-out and upgrade initiatives. OCTO's new Data Center will be built on best in class, highly scalable, secure, and reliable networking and communications infrastructure supporting District government agencies' mission critical applications. OCTO will deploy the foundation to support City-wide growth in bandwidth consumption, emerging technologies, and demands for new applications in cloud computing, unified communications, and Internet of Things. The power supplies and optics are required to bring in the power for both CISCO and CIENA equipment at the new data center, enhancing OCTO's Unified Communications Core services in the District of Columbia to position the government agencies in leveraging the best in class technologies for an integrated, responsive, and diverse digital infrastructure. The new infrastructure build-out will span across multiple segments in the data center for a secure and scalable unified communications and scalable firewall platform.

A.5 Requirements

A.5.1 The Contractor shall provide the following bill of materials:

Contract Line Item Number	Part Number	Qty	Unit Item	Description
0001	SFP-10G-SR=	50	each	10GBASE-SR SFP Module
0002	GLC-SX-MMD=	50	each	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
0003	NXA-PAC-1200W-PI=	8	each	Nexus NEBs AC 1200W PSU - Port Side Intake
0004	CAB-9K12A-NA	8	each	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America
0005	NXA-FAN-160CFM-PI=	6	each	Nexus Fan, port side intake airflow, Spare
0006	NXA-PAC-350W-PI=	8	each	Nexus AC 350W PSU - Port Side Intake
0007	CAB-C13-CBN	8	each	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors

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Contract Line Item Number	Part Number	Qty	Unit Item	Description
0008	NXA-FAN-30CFM-B=	12	each	Nexus Fan, 30CFM, port side intake airflow, Spare
0009	C9K-PWR-650WAC-R=	10	each	650W AC Config 4 Power Supply front to back cooling
0010	CAB-C13-CBN	12	each	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors
0011	CVR-CFP2-CPAK4=	24	each	CFP2 to CPAK adapter for 4x25G interface
0012	SP-AR3-CVRK4FP4	24	each	SP AR HW 24X7X4 CFP2 to CPAK adapter for 4x25G interfac
0013	CPAK-100G-SR4=	24	each	CPAK optical transceiver module, 100GBASE-SR4, 100m OM4
0014	SP-AR3-CPAK10GS	24	each	SP AR HW 24X7X4 CPAK optical transce
0015	QSFP-100G-SR4-S=	50	each	100GBASE SR4 QSFP Transceiver, MPO, 100m over OM4 MMF
0016	QSFP-100G-AOC10M=	50	each	100GBASE QSFP Active Optical Cable, 10m
0017	QSFP-40G-SR4=	50	each	40GBASE-SR4 QSFP Transceiver Module with MPO Connector

A.5.2 Contractor shall provide only the most current models, components and accessories in new, fully operational, factory sealed condition, with all applicable licenses.

A.5.3 The Contractor warrants and represents that the equipment is eligible for the manufacturer's normal [and extended] warranty and support within the United States to Authorized Users.

A.5.4 Previously owned, damaged, refurbished, remanufactured, counterfeit, "gray market" or substitute third party items will not be accepted.

A.5.5 The Contractor shall provide Cisco hardware, software and licensing required to support the hardware and eligible for warranty coverage for a minimum of 5 years or life of the product.

A.5.6 The Contractor shall be an authorized reseller of the products specified.

A.5.7 DELIVERABLES

The Contractor shall perform the activities required to successfully complete the District's requirements and submit each deliverable in accordance with the following:

CLIN	Deliverable	Quantity	Format/Method of Delivery	Due Date
ALL	Materials	As Spec	Physical Devices(s)	Within 30 days from date of award

All materials to be delivered to:

OCTO/ODC-1

3919 Benning Road NE

Washington DC 20019

Attn: Phil Haka/Ian Gibson 202-715-3729/202-727-6353

ATTACHMENT B: CONTRACT TYPE, SUPPLIES OR SERVICES AND PRICE/COST

B.1 The Office of Contracting and Procurement, on behalf of Office of the Chief Technology Officer seeks a contractor to procure Cisco Data Communications equipment for District Government's new data center. The District has selected a new Data Center (ODC4) in the heart of the city to replace the services currently offered at ODC1. The infrastructure for ODC4 must be built to align with the District's vision in developing and operating energy efficient data centers while providing a scale-out data center infrastructure.

B.2 The District contemplates award of a Fixed Price contract.

B.3 PRICE SCHEDULE

Number	Part Number	Description	Qty	Unit Item	Unit Price	Extended Price
0001	SFP-10G-SR=	10GBASE-SR SFP Module	50	each	185.76	9288
0002	GLC-SX-MMD=	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	50	each	93.24	4662
0003	NXA-PAC-1200W-PI=	Nexus NEBs AC 1200W PSU - Port Side Intake	8	each	297	2376
0004	CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	8	each	\$ -	\$ -
0005	NXA-FAN-160CFM-PI=	Nexus Fan, port side intake airflow, Spare	6	each	\$ 54.00	\$ 324.00
0006	NXA-PAC-350W-PI=	Nexus AC 350W PSU - Port Side Intake	8	each	\$ 145.80	\$ 1,166.40
0007	CAB-C13-CBN	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	8	each	\$ -	\$ -
0008	NXA-FAN-30CFM-B=	Nexus Fan, 30CFM, port side intake airflow, Spare	12	each	\$ 47.25	\$ 567.00
0009	C9K-PWR-650WAC-R=	650W AC Config 4 Power Supply front to back cooling	10	each	\$ 567.00	\$ 5,670.00
0010	CAB-C13-CBN	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	12	each	\$ -	\$ -
0011	CVR-CFP2-CPAK4=	CFP2 to CPAK adapter for 4x25G interface	24	each	\$ 465.75	\$ 11,178.00
0012	SP-AR3-CVRK4FP4	SP AR HW 24X7X4 CFP2 to CPAK adapter for 4x25G interfac	24	each	\$ 99.12	\$ 2,378.88
0013	CPAK-100G-SR4=	CPAK optical transceiver module, 100GBASE-SR4, 100m OM4	24	each	\$ 1,933.05	\$ 46,393.20
0014	SP-AR3-CPAK10G5	SP AR HW 24X7X4 CPAK optical transce	24	each	\$ 462.56	\$ 11,101.44
0015	QSFP-100G-SR4-S=	100GBASE SR4 QSFP Transceiver, MPO, 100m over OM4 MMF	50	each	\$ 412.92	\$ 20,646.00
0016	QSFP-100G-AOC10M=	100GBASE QSFP Active Optical Cable, 10m	50	each	\$ 454.32	\$ 22,716.00
0017	QSFP-40G-SR4=	40GBASE-SR4 QSFP Transceiver Module with MPO Connector	50	each	\$ 563.04	\$ 28,152.00
TOTAL						\$ 166,618.92