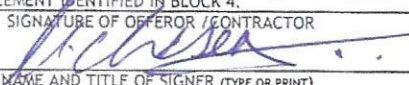
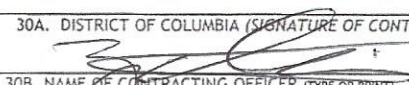


GOVERNMENT OF THE DISTRICT OF COLUMBIA TASK ORDER/DELIVERY ORDER FOR SERVICES OFFEROR TO COMPLETE BLOCKS 18 & 29				1 REQUISITION NUMBER RK1143993		PAGE 1 of 6	
2. TASK ORDER AGREEMENT NO. CW79354		3. Award/Effective Date See Block 30c.		4. CONTRACT NUMBER GS-35F-0563U		5. SOLICITATION NUMBER Doc490011	
7. FOR SOLICITATION INFORMATION CONTACT Email: georgette.johnson@dc.gov		A. NAME Georgette Johnson		B. TELEPHONE (No Collect Calls) 202-727-1104		6. SOLICITATION ISSUE DATE 01/08/2020 8. OFFER DUE DATE: 01/21/2020	
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 14. METHOD OF SOLICITATION <input checked="" type="checkbox"/> RFTOP <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP <input type="checkbox"/> 2-STEP	
5. CONTRACTOR / OFFEROR MVS, Inc. 1020 19th Street N.W., Suite 475 Washington, D.C. 20036				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				18B. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 16 UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
18A. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER <input type="checkbox"/>							
19 ITEM NO.		20 SCHEDULE OF SUPPLIES/SERVICES		21 QUANTITY		22 UNIT	
				23 UNIT PRICE		24 AMOUNT	
0001		BROADBAND INTERFACES		1		Lot	
0002		LICENSE-FLEXERA-VIRTUAL		1		Lot	
0003		PTO KIT		1		Lot	
0004		MCP		1		Lot	
0005		MAINTAIN SERVICES		1		Lot	
0006		LOGISTICS		1		Lot	
25. ACCOUNTING AND APPROPRIATION DATA PURCHASE ORDER NO.				26. TOTAL AWARD (FOR GOVT. USE ONLY) \$939,168.18			
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) Sekhar Mylavarapu Vice President		29C. DATE SIGNED 01/29/2020		30B. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) Chris Yi Contracting Officer		30C. DATE SIGNED 1-29-2020	

Sekhar Mylavarapu | Vice President

01/29/2020

Task Order Agreement No. CW79354

1. SERVICES REQUIRED

The Office of Contracting and Procurement, on behalf of Office of the Chief Technology Officer see to procure Ciena equipment and services 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. FEDERAL SUPPLY SCHEDULE CONTRACT NUMBER

GS-35F-0563U

3. TASK ORDER NUMBER

CW79354

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

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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. ATTACHMENTS

Attachment A – Statement of Work

Attachment B - Price Schedule

Attachment C-Contractor's Participating Dealer Agreement

ATTACHMENT A
STATEMENT OF WORK

A.1 SCOPE

The Office of Contracting and Procurement, on behalf of Office of the Chief Technology Officer see to procure Ciena equipment and services 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

Not applicable.

A.3 DEFINITIONS

Not applicable.

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. Ciena optical transport equipment is needed to maintain the high speed core network routers and communication at the new data center. 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:

Contract Line Item No.	Part Number	Product Family Description	Total Qty
6500			
0001	BROADBAND INTERFACES		
001A	NTK538EM	100G OTR WL3N BASIC C-BAND 1X QSFP28 CIRCUIT PACK	33
0002	LICENSE-FLEXERA-VIRTUAL		
002A	S74-LIC-NTK560LB	6500 WLAI TERRESTRIAL CAPACITY LICENSE (PER 100G)	8
0003	PTO KIT		

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0003A	NTZF53CN	6500 WLAI FOTR TERRESTRIAL BASE KIT (NTK538FR W/LIC. FOR 2X100G CLIENT CAPACITY, REACH UP TO 1000KM)	4
MCP			
0004	MCP		
004A	S16-LIC-MCPBA0400	MCP BASE SW PERPETUAL LICENSE REL 4.0	1
004B	S16-RTU-MCPBA	MCP BASE SW PERPETUAL SCALE VIRTUAL RTU	1
SERVICES			
0005	MAINTAIN SERVICES		
005A	80M-6500-NAR	1 YEAR GLOBAL 6500 NEXT BUSINESS DAY ARRIVAL MANAGED SPARES	1
005B	80M-6500-SSP-SEL	1 YEAR 6500 SELECT SUPPORT	1
005C	80M-MCPBA-SEL	1 YEAR MCP BASE SW BP SELECT SUPPORT SUBSCRIPTION	1
0006	LOGISTICS		
006A	495-0000-001	FREIGHT/HANDLING CHARGES	1

- 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 shall warrant 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** The Contractor shall not provide previously owned, damaged, refurbished, remanufactured, counterfeit, "gray market" or substitute third party items will not be accepted.
- A.5.5** The Contractor shall transfer ownership of hardware to the Office of the Chief Technology Officer within 30 days after the of the issuance of a Purchase Order. This will ensure OCTO's ability to obtain support from the manufacturer.
- A.5.6** The Contractor shall deliver the requirements of section A.5.1, including any accompanying material, software and licensing to the following address by within 30 days of date of Award:

Attn: Alex Ahorrio
c/o DC-NET Warehouse
2900 "V" Street, Northeast
Washington, D.C. 20018

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ATTACHMENT B
PRICE SCHEDULE

Contract Line Item No.	Part Number	Product Family Description	Total Qty	Unit Price	Total Ext Price
6500					
0001	BROADBAND INTERFACES				\$489,833.78
001A	160-9400-900	100GBASE-SR4, 4X25G, MMF, 850NM, 100M, MPO QSFP28	33	\$1,829.66	\$60,378.78
001B	160-9503-900	40GBASE-SR4, 4X10GBASE-SR, MMF, 850NM, 300M, MPO QSFP+	9	\$552.50	\$4,972.50
001C	NTK538BM	100G MOTR WL3N BASIC C-BAND 10X SFP+ CIRCUIT PACK	25	\$16,979.30	\$424,482.50
0002	MODULE				\$34,164.90
002A	NTK538FR	WLAI FOTR 34 PORT (4X QSFP28/16X SFP28/14X SFP+) CIRCUIT PACK	1	\$34,164.90	\$34,164.90
0003	PHOTONIC COMPONENTS				\$210,623.50
0003A	NTK552AAE5	4X OPTICAL PROTECTION SWITCH (4X OPS C-BAND 1X OPSM2) CIRCUIT PACK	2	\$2,135.16	\$4,270.32
0003B	NTK552AB	2X OPTICAL PROTECTION SWITCH MODULE (OPSM2 C-BAND)	8	\$2,099.54	\$16,796.32
0003C	NTK552BAE5	4X OPTICAL PROTECTION SWITCH (4X OPS C-BAND 1X OPSM2) CIRCUIT PACK	2	\$2,974.74	\$5,949.48
0003D	NTK552FAE5	2X OPTICAL PROTECTION SWITCH MODULE (OPSM2 C-BAND)	2	\$3,558.34	\$7,116.68
0003E	NTK552GAE5	4X OPTICAL PROTECTION SWITCH (4X OPS C-BAND 1X OPSM2) CIRCUIT PACK	16	\$4,070.69	\$65,131.04
0003F	NTK553HA	2X OPTICAL PROTECTION SWITCH MODULE (OPSM2 C-BAND)	6	\$8,793.51	\$52,761.06
0003G	NTK554BAE5	4X OPTICAL PROTECTION SWITCH (4X OPS C-BAND 1X OPSM2) CIRCUIT PACK	6	\$786.74	\$4,720.44
0003H	NTT862FAE5	2X OPTICAL PROTECTION SWITCH MODULE (OPSM2 C-BAND)	6	\$1,743.75	\$10,462.50
0003I	NTT862HAE6	4X OPTICAL PROTECTION SWITCH (4X OPS C-BAND 1X OPSM2) CIRCUIT PACK	6	\$23.49	\$140.94
0003J	NTT862JA	2X OPTICAL PROTECTION SWITCH MODULE (OPSM2 C-BAND)	16	\$2,704.67	\$43,274.72
0004	PASSIVE OPTICAL SYSTEM				\$12,598.40
004A	B-720-0022-001	CN-100-A80 8-CH 100 GHZ DWDM MODULE ASSY	8	\$1,574.80	\$12,598.40
0005	DWDM FILTERS (OMX) and PROTECTION SWITCHES				\$65,826.50

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005A	NTK554TA	4X OPTICAL PROTECTION SWITCH (4X OPS C-BAND 1X OPSM2) CIRCUIT PACK	25	\$1,565.67	\$39,141.75
005B	NTK576AA	2X OPTICAL PROTECTION SWITCH MODULE (OPSM2 C-BAND)	25	\$1,067.39	\$26,684.75
MCP					
0006	MCP				\$24,107.26
006A	S16-LIC-MCPBA0400	MCP BASE SW PERPETUAL LICENSE REL 4.0	1	\$1.09	\$1.09
006B	S16-RTU-MCPBA	MCP BASE SW PERPETUAL SCALE VIRTUAL RTU	1	\$24,106.17	\$24,106.17
SERVICES					
0007	MAINTAIN SERVICES				\$43,793.85
007A	80M-6500-NAR	MCP BASE SW PERPETUAL LICENSE REL 4.0	1	\$21,696.33	\$21,696.33
007B	80M-6500-SSP-SEL	MCP BASE SW PERPETUAL SCALE VIRTUAL RTU	1	\$16,070.82	\$16,070.82
007C	80M-MCPBA-SEL	1 YEAR MCP BASE SW BP SELECT SUPPORT SUBSCRIPTION	1	\$6,026.70	\$6,026.70
0008	LOGISTICS				\$17,050.50
008A	495-0000-001	FREIGHT/HANDLING CHARGES	1	\$17,050.50	\$17,050.50
Total Price					\$897,998.69