

CITY OF HIGH POINT

AGENDA ITEM



Title: Network, Storage and Server Equipment for New Data Center

From: Steve Lingerfelt, Director of Information
Technology Services

Meeting Date: July 20, 2020

Public Hearing: No

**Advertising Date /
Advertised By:**

Attachments: 5S Network, Storage and Server Equipment Quote

PURPOSE:

The City needs to purchase Network, Storage and Server equipment for the data center to be located at the new Police Department and 911 Center at 1730 Westchester Dr.

BACKGROUND:

Information Technology Services is recommending the City of High Point purchase Network, Storage and Server Equipment for the new Data Center at the New Police Department and 911 Center Building for a purchase price of \$1,198,053.16. This purchase will provide network core routers, network storage devices, wireless access points and virtual server equipment for the new data center in the new building. This purchase will allow the City to move our backup data center from the privately owned Segra / North State owned building to the current City Hall building for a yearly cost savings of \$93,360.

BUDGET IMPACT:

The City of High Point will use existing funds in the FY 2020-21 budget to purchase the Network, Server and Storage equipment from 5S Technologies Inc. The total cost of the contract is \$1,198,053.16 and will be financed at a zero percent interest rate over 5 years. This purchase will be made under the North Carolina Purchasing Agreement Contract 01-96. A breakdown of the yearly payments are as follows:

Year 1	\$239,610.63
Year 2	\$239,610.63
Year 3	\$239,610.63
Year 4	\$239,610.63
Year 5	\$239,610.63

The first year payment has been delayed until December 1, 2020

RECOMMENDATION / ACTION REQUESTED:

The Department of Information Technology Services recommends approval of the contract and that the appropriate City official and/or employee be authorized to execute all necessary documents.



Leasing | Financing | Equipment | Software

Lease/Finance Proposal

By Nick Giglio

July 7, 2020

Customer "Lessee/Debtor":

City of High Point
211 S Hamilton, 2nd floor
P.O. Box 230
High Point, NC 27261

Lease/Finance Proposal Details:

Lessee/Debtor: City of High Point

Vendor/Supplier: 5S Technologies

Equipment/Collateral: Nutanix Solution

Term/Payment Options:

<u>Solution Total</u>	<u>\$ 1,198,053.16</u>
<u>Annual Payment/Deferral</u>	<u>\$ 239,610.63</u>

Commencement: Dec 1st 2020 1st

General Terms and Conditions:

- 1) Add tax, shipping if applicable.
- 2) Annual Billing. PMT 1, Dec 2020. PMT 2-5 Annually starting July 1st 2021
- 3) Zero payments due at lease signing.
- 4) Pricing contained within this proposal is based on current LTS, subject to change.
- 5) Subject to credit approval and review of final equipment, software and services configuration.
- 6) Financial info that may be requested,
 - Three (3) most recently completed audits
 - Current year-to-date Balance Sheet with Debt Service Commitments and Income Statement
 - Current budget
 - Next year's budget (if available)

Kind Regards,

Nick Giglio
CEO/Managing Director
754-551-7755



5S Technologies, LLC
121 Edinburgh South Drive, STE 205
Cary, NC 27511 US
(919).364.9400
Mike.Shook@5Stechnologies.com
www.5Stechnologies.com

Quote

ADDRESS

City of High Point

QUOTE # 100743

DATE 07/06/2020

EXPIRATION DATE 07/25/2020

PAYMENT TERMS

Net 30

QUOTE NUMBER

100743

GSA CONTRACT

NCPA# 01-96

ACTIVITY	QTY	RATE	AMOUNT
NX-8155-G7-6254-CM NX-8155-G7 1 NDE 6254 CM PREP (Dual Processor 18 Core) Prod - List \$14,437.26 NCPA NTE \$14,437.26	5	14,437.26	72,186.30T
C-MEM-64GB-2933-A-CM 64GB Memory Module 2933MHZ DDR4MEM RDIMM - List \$371.04 - NCPA NTE \$363.61	120	363.61	43,633.20T
C-Hdd-12TB-A5-A-CM 12TB 3.5IN SSD DRV - List \$388.63 NCPA NTE \$380.85	40	380.85	15,234.00T
C-SSD-3840GB-2.5-BCM 3840GB 2.5TB SSD - List \$840.86 NCPA NTE \$824.14	20	824.14	16,482.80T
C-NIC-10GSFP2-A-CM C-NIC-10GSFP2-A-CM - List \$195.52 NCPA NTE \$191.60	5	191.60	958.00T
S-HW-PRD 24/7 Production level HW support SVCS fro HCL APPL 60 Months - List \$11,377.23 NCPA NTE \$11,149.68	5	11,149.68	55,748.40T
NX-1365-G7-4210-CM Nutanix HW Platform PREP (911) - List \$12,506.03 NCPA NTE \$12225.90	2	12,225.90	24,451.80T
C-MEM-32GB-2933-A-CM 32GB Memory Module 2933MHZ MEM DDR4 RDIMM - List \$185.35 NCPA NTE \$181.64	96	181.64	17,437.44T
C-Hdd-8TB-A5-A-CM HDD 8TB 3.5 CAR CM - List \$262.65 NCPA NTE \$257.39	12	257.39	3,088.68T
C-SSD-3.84TB-A5-A-CM 3.84TB 3.5IN SSD DRV - List \$845.81 NCAP NTE \$828.89	6	828.89	4,973.34T
C-NIC-10GSFP2-A-CM C-NIC-10GSFP2-A-CM - List \$195.52 NCPA NTE \$191.60	6	191.60	1,149.60T
S-HW-PRD 24/7 Production level HW support SVCS fro HCL APPL 60 Months - List \$3,298.98 NCPA NTE \$3,233	6	3,233.00	19,398.00T
NX-1175S-G7-6210U-CM	4	4,357.87	17,431.48T

ACTIVITY	QTY	RATE	AMOUNT
NX-1175S-G7 1 Node with Intel PERP XEON Processor 6210U (DMZ) - List \$4,446.81 NCPA NTE \$4,357.87			
C-MEM-64GB-2933-A-CM 64GB Memory Module 2933MHZ DDR4MEM RDIMM - List \$371.04 NCPA NTE \$363.61	24	363.61	8,726.64T
C-Hdd-4TB-3.5-S-CM 4TB 3.5 HDD Drive - List \$171.88 NCPA NTE 168.44	8	168.44	1,347.52T
C-SSD-1.92TB-B5-A-CM SSD 1.92TB 3.5 CAR CM DRV - List \$462.28 NCPA NTE \$453.03	8	453.03	3,624.24T
C-NIC-10GSFP2-A-CM C-NIC-10GSFP2-A-CM - List \$195.52 NCPA NTE \$191.60	4	191.60	766.40T
S-HW-PRD 24/7 Production level HW support SVCS fro HCL APPL 60 Months - List \$3,085.79 NCPA NTE \$3,024.07	4	3,024.07	12,096.28T
SW-AOS-PRO-PRD-5YR AOS ENT PRO Prod 24/7 System License 60 Months 380 Cores 106TB - List \$1,599,278 NCPA NTE \$1,567,292.44	1	1,567,292.44	1,567,292.44T
LIC-PRS-PRO-5YT-1 5YR PRISM PRO 1 NODE - List \$10,000 NCPA NTE \$9,800	15	9,800.00	147,000.00T
Services Services	250	200.00	50,000.00T
Executive discount Executive Discount	1	-1,183,026.56	- 1,183,026.56T
RS-HW-PRD-MY Nutanix HW Renewal 5/26/2021 - 06/30/2025 - SN 20FM5A210117, 20FM5A210118, 20FM5A210119 - List 8,288.98 NCPA NTE \$8,123.20	3	8,123.20	24,369.60T
RLCORESPROPRD4YR Core Renewal SN: LIC-00923902 - 120 Cores 5/26/2021 - 6/30/2025 - List 393,468.67 NCPA NTE \$385,616.93	1	385,616.93	385,616.93T
RLFLASHTIBPROPRD4YR Renewal Flash SN: LIC-00923903 - 42TiB 5/26/2021 - 6/30/2025 List \$40,868.33 NCPA NTE \$40,050.96	1	40,050.96	40,050.96T
Executive discount Executive Discount for 3 node renewal	1	-450,037.49	-450,037.49T
SUBTOTAL			900,000.00
TAX (0%)			0.00
TOTAL			\$900,000.00

Accepted By

Accepted Date



5S Technologies, LLC
121 Edinburgh South Drive, STE 205
Cary, NC 27511 US
(919).364.9400
Mike.Shook@5Stechnologies.com
www.5Stechnologies.com

Quote

ADDRESS

City of High Point

QUOTE # 100745

DATE 07/07/2020

EXPIRATION DATE 07/31/2020

PAYMENT TERMS

Net 30

QUOTE NUMBER

100745

GSA CONTRACT

NCPA# 01-96

ACTIVITY	QTY	RATE	AMOUNT
N9K-C9504 Nexus 9504 Chassis with 4 Linecard Slots (List \$12,500 - NCPA NTE \$8,564.23)	2	8,564.23	17,128.46T
CON-SNT-N9504 60 months 247&X365X4 Nexus 9504 (List \$32,082 - NCPA NTE \$27,269.70)	2	27,269.70	54,539.40T
N9K-C9504-FM-CV Nexus 9508 Fabric Module Slot Cover	4	0.00	0.00T
N9K-C9500-LC-CV Nexus 9500 Linecard Slot Cover	4	0.00	0.00T
Nxos-70317.3 Nexus 9500,9300,3000 Base NX-OS Software	2	0.00	0.00T
N9K-C9504-RMK Nexus 9504 Rack Mount Kit	2	0.00	0.00T
N9K-C9500-ACK Nexus 9500 Accessory Kit	2	0.00	0.00T
N9K-PAC-3000W-B Nexus 9500 3000W AC PS, Cold Air In (List \$3,000 - GSA NCPA - \$2,055.42)	8	2,055.42	16,443.36T
N9K-C9504-FAN Fan Tray for Nexus 9504 Chassis	6	0.00	0.00T
CAB-AC-C6K-TWLK Power Cord, 250V AC 16A, Twist Lock NEMA	8	0.00	0.00T
N9K-SC-A System Controller for Nexus 9500	4	0.00	0.00T
N9K-SUP-B+ SUPV B+ For Nexus 9500 (List \$20,000 - NCPA OPEN Market)	2	20,000.00	40,000.00T
N95-LIC-PAK N9500 License PAK Expansion	2	0.00	0.00T
N95-LAN1K9	2	10,277.08	20,554.16T

ACTIVITY	QTY	RATE	AMOUNT
LAN Enterprise License for Nexus 9500 PLATFORM (List \$15,000 - GSA NCPA - \$10,277.08)			
N1K-VLCPU-96-ESSTL Nexus 1000V Essential Edition	2	0.00	0.00T
N9K-C9504-FM Fabric Module for NExus 9504 Chassis (List \$10,000 - NCPA NTE - \$6,851.39)	8	6,851.39	54,811.12T
N9K-X9464PX Nexus 9500 LINECARD, 48P 1/10G SFP+ Plus (List \$20,000 - NCPA NTE - \$10,277.08)	2	10,277.08	20,554.16T
N9K-X9464TX2 Nexus 9500 LINECARD, 48P 1/10G-T & 4P QS (List \$20,000 - NCPA NTE - \$8,222.61)	2	8,222.61	16,445.22T
Services Install, Configuration, Integration Services, Training, Documentation 3 weeks - Managed Services Rate Fixed Price	1	18,000.00	18,000.00T
Executive discount Executive Discount	1	-47,422.72	-47,422.72T
MS-425-32-HW Meraki MS425-32 L3 PERP CLD-MNGD 16X10G SFP+ Switch (911)	4	22,000.00	88,000.00T
MA-PWR-250WAC Meraki 250W AS PSU	7	562.50	3,937.50T
MA-CBL-40G-50CM Meraki 40GBE QSFP Cable, .5 Meter	6	110.00	660.00T
MA-FAN-18K Meraki Front to back Fan 18K RPM	4	312.50	1,250.00T
MA-SFP-10GB-LRM Meraki 10G Base LRM MultiPerp Mode	24	995.00	23,880.00T
MA-SFP-1GB-LX10 MERaki 1000 Base LX10 Single Mode	4	995.00	3,980.00T
LIC-MS425-16-5YR Meraki 5YR MS425-16 LICS Enterprise LICS and Support	4	2,470.00	9,880.00T
MS250-24-HW Meraki MS250-24 L3 CLD-MNGD 24X GBE Switch	3	5,975.00	17,925.00T
LIC-MS250-24-5YR Meraki MS250-24 LICS Enterprise License 5 YR	3	1,015.00	3,045.00T
Executive discount Executive Discount Meraki	1	-65,557.50	-65,557.50T
SUBTOTAL			298,053.16
TAX (0%)			0.00
TOTAL			\$298,053.16

Accepted By

Accepted Date