

CITY OF HIGH POINT

AGENDA ITEM



Title: Contract to 5S Technologies for WiFi 6 Upgrade Project

From: Adam Ward, Assistant Director, Information
Technology Services

Meeting Date: July 17, 2023

Public Hearing: No

**Advertising Date /
Advertised By:**

Attachments: 5STQ1992 (Quote),
Recommendation Form

PURPOSE:

Upgrading existing wireless equipment deployed at City facilities and downtown area to 802.11ax (WiFi 6).

BACKGROUND:

The project aims to upgrade the existing WiFi infrastructure from WiFi 5 to WiFi 6 in the Downtown Area and all wireless deployments at City facilities. WiFi 6 offers significant improvements in speed, capacity, and efficiency compared to its predecessor. The quote also includes managed services from 5S Technologies to maintain the wireless network.

BUDGET IMPACT:

The City will use existing funds from FY2023-24 to fund this project. This acquisition will occur under purchasing contract NCPA #01-96. The project will be financed and billed over to term of 60 months as follows:

Year 1 - \$112,566.48

Year 2 - \$112,566.48

Year 3 - \$112,566.48

Year 4 - \$112,566.48

Year 5 - \$112,566.48

The total cost of the project is \$562,832.39.

RECOMMENDATION / ACTION REQUESTED:

The Department of IT Services recommends that the vendor 5S Technologies be awarded the project. We further recommend that City Council approves the contract and that the appropriate City official and/or employee be authorized to execute all necessary documents.



TECHNOLOGIES

5S Technologies, LLC
121 Edinburgh South Dr.
Suite 205
Cary, NC 27511
United States

QUOTE

Table with 2 columns: Field (Quote #, Date, Expiration Date) and Value (5STQ1992, 6/26/2023, 7/19/2023)

Bill To:
Adam Ward
City of High Point
211 S Hamilton Street
High Point, NC 27260

Ship To:
Adam Ward
City of High Point
211 S Hamilton Street
High Point, NC 27260

Your Account Manager:
Mike Shook
Mike.Shook@5STechnologies.com
(919)364-9400 ext 9401

Notes:
NCPA Contract 01-96

Main product table with columns: Qty, Manufacturer Part #, Description, Unit Price, Ext. Price. Contains 5 rows of product details including Meraki MR36, MR46, MR56, MR76, and MR86.

Qty	Manufacturer Part #	Description	Unit Price	Ext. Price
390	MA-ANT-20	Meraki Dual-band Omni Antennas NCPA DNE \$230.68	\$128.20	\$49,998.00
26	MA-ANT-25	Meraki Dual Band Patch Antenna NCPA DNE \$404.56	\$218.79	\$5,688.54
202	LIC-ENT-5YR	Meraki MR Enterprise Cloud Controller License, 5 Years - Meraki MR Series Access Point - Subscription License - 5 Year License Validation Period NCPA DNE \$737.58	\$520.87	\$105,215.74
30	LIC-MR-ADV-5Y	Meraki MR Advanced License and Support, 5YR NCPA DNE \$1475.15	\$1,475.15	\$44,254.50
10	LIC-MX65-ENT-5YR	EOS Meraki MX65 Enterprise License and Support, 5YR NCPA DNE \$1173.24	\$0.00	\$0.00
1	DISCOUNT	5S Executive Discount	-\$66,138.12	-\$66,138.12
1	DISCOUNT	Year 5 2023 Contract Discount	-\$43,200.00	-\$43,200.00
1	5S MAN SVCS	5S Managed Services Price is \$15/month for managing 242 assets 60 month term (7/15/2023 - 7/14/2028)	\$0.00	\$0.00

Payment Options:

- Purchase Order
- Signed Quote

Payment Terms

Net 30

FOB:

Origin

SubTotal	\$562,832.39
Tax	6.75%
Shipping (Estimated)	\$0.00

TOTAL \$562,832.39

All Credit Card transactions will be charged a transaction fee determined at time of purchase.

Accepted By: _____

Accepted Date: _____



**FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT:

COUNCIL AGENDA DATE:

BID NO.: CONTRACT NO.: DATE OPENED:

DESCRIPTION:

PURPOSE:

COMMENTS:

RECOMMEND AWARD TO: AMOUNT:

JUSTIFICATION:

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD: DATE:

The Purchasing Division concurs with recommendation submitted by the and recommends award to the lowest responsible, responsive bidder in the amount of \$.

PURCHASING MANAGER: DATE:

Approved for Submission to Council
FINANCIAL SERVICES DIRECTOR: DATE:

CITY MANAGER: DATE: