

Board of Education Capital Plan FY16-FY21

PROJECT TITLE: THS Classroom Tech Upgrades

DATE SUBMITTED: 9/30/2015

DEPARTMENT PROJECT INFORMATION

Department:	Information Technology				
Department Contact:	Adam Sher				
Fiscal Year(s) Requested:	FY12017	FY2018	FY2019	FY2020	FY2021
Department Priority:	Critical	High	Medium	Low	
Type of Project:	Vehicle	Equipment	Technology	Facility	Other

PROJECT DESCRIPTION

Update and enhance the classroom technology available to teachers at Tolland High School. Includes the purchase of interactive projection systems, document cameras, wireless access points, network switches, and BYOD/Cloud compatible printers.

49 Interactive Projection Systems
49 Document Cameras
49 Wireless Access Points
5 Switch chassis, necessary modules and power supplies
49 BYOD & Cloud compatible printers

PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Students will go without classroom technology that will aid in their educational experience.

Cost to Maintain:

Wireless Access Point Support: \$62 / WAP = \$3,038 annually

Describe all Benefits and/or Savings:

The 21st century skills are a set of abilities that students need to develop in order to succeed in the information age. The Partnership for 21st Century Skills lists three types: 1. Learning Skills Critical Thinking, Creative, Thinking, Collaborating, and Communicating 2. Literacy Skills: Information Literacy, Media Literacy, Technology Literacy 3. Life Skills: Flexibility, Initiative, Social Skills, Productivity, Leadership

21st Century curriculum and instruction demands the use of collaborative "real-world" learning in the classroom. Providing the appropriate technological tools is imperative to providing a structure for success in every classroom.

Providing classroom devices will supplement our BYOD program in grades 7-12

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

Project Cost Elements	FY 2017	FY 2018	FY 2019	FY2020	FY2021	TOTAL
Feasibility Study						
Design - Engineering						
Site Acquisition						
Site Improvements						
Construction						
Inspection Services						
Equipment & Furnishings	\$255,815					\$255,815
Vehicle Purchase						
Other						
Contingency						
TOTALS	\$255,815					\$255,815

Financing Sources

Lease-Purchase

Water Enterprise Funds

Sewer Enterprise Funds

Solid Waste Enterprise Funds

Storm Water Enterprise Funds

State / Federal Grants

Sale of Surplus Property

CPA

Other (specify)

City Appropriation

TOTALS

THS Classroom Technology Upgrades

Item	Qty	Cost ea.	Total
Interactive Proj. System	49	\$ 3,000	\$ 147,000
Document Camera	49	\$ 200	\$ 9,800
WiFi AP & Installation	49	\$ 1,090	\$ 53,410
Switch Chassis	5	\$ 4,634	\$ 23,170
Switch Modules (24 pt or 20 +4)	5	\$ 1,530	\$ 7,650
Switch Chassis Redundant PS	5	\$ 752	\$ 3,760
Switch Rack Mounting Kit	5	\$ 245	\$ 1,225
Cloud Printers	49	\$ 200	\$ 9,800
Total			\$ 255,815



Pricing Proposal
Quotation #: 9708773
Created On: 5/21/2015
Valid Until: 5/29/2015

TOLLAND PUBLIC SCHOOLS

John Stake

51 TOLLAND GREEN
ATTN: ACCOUNTS PAYABLE
TOLLAND, CT 06084
United States
Phone: (860) 870-6818 X502
Fax:
Email: jstake@tolland.k12.ct.us

Business Development Manager

Jeff Levin

290 Davidson Avenue
Somerset, NJ 08873
Phone: 860-872-5677
Fax: 732-652-6654
Email: Jeff_Levin@shi.com

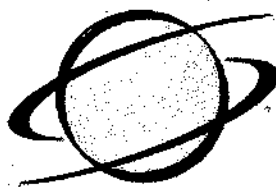
All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 ADTRAN vWLAN License - Tier 1 - License - 1 access point - 1-50 units - volume ADTRAN - Part#: 1951901G1	24	\$155.50	\$3,732.00
2 Bluesocket 1800 - Wireless access point - 802.11 a/b/g/n ADTRAN - Part#: 1700910F1	24	\$582.20	\$13,972.80
3 ADTRAN - Ceiling mount bracket - for Bluesocket 1800, 1840 ADTRAN - Part#: 1700921F1	24	\$73.10	\$1,754.40
4 Co-Term 1Yr Nbd Rmt Mnt For Bsap161819xx To Use W/ Vwlan ADTRAN - Part#: 1100AMWIF1M2T1	24	\$62.00	\$1,488.00
Subtotal			\$20,947.20
Total			\$20,947.20

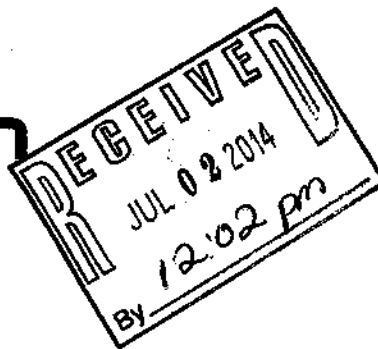
Additional Comments

Pricing per MHEC MC11-F05

The Products offered under this proposal are subject to the SHI Return Policy posted at www.shi.com/returnpolicy, unless there is an existing agreement between SHI and the Customer.



CNC Microtech
COMPREHENSIVE IP SOLUTIONS



**Tolland Public Schools
51 Tolland Green
Tolland, Connecticut 06084**

**WIRELESS ACCESS POINT
HANGING and CABLING
Bid No. WAPHC14-15**

VOICE - PHONE - DATA CABLING - FIBER OPTICS - DATA CENTERS - COAX/VIDEO



CNC Microtech
COMPREHENSIVE IP SOLUTIONS

Jack D. Pragosa
General Manager

85 Felt Road - Suite 504, South Windsor, Connecticut 06074
Call: 860-559-5772 Toll Free: 855-266-0001 • Fax: 860-432-3611
jpragosa@cncmicrotech.com • www.cncmicrotech.com



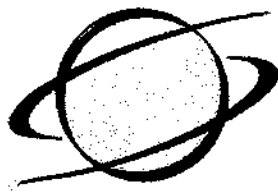
CT License# 182552

DATA & OPTICAL TESTING - CCTV - CARD ACCESS - SECURITY - VOICE - PHONE

CABLING - FIBER OPTICS - DATA CENTERS

CNC-MICROTECH, Inc.

85 Felt Rd, Suite 504, South Windsor, CT 06074 T(860)432-0957, TF(855)266-0001, Fax (860)432-3611
CT License # 00182552



CNC Microtech
COMPREHENSIVE IP SOLUTIONS

**Tolland Public Schools
51 Tolland Green
Tolland, Connecticut 06084**

**WIRELESS ACCESS POINT
HANGING and CABLING
Bid No. WAPHC14-15**

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CT License # 00182552



CNC Microtech

COMPREHENSIVE IP SOLUTIONS

**Tolland Public Schools
51 Tolland Green
Tolland, CT 06084**

July 2, 2014

**Re: Wireless Access Point Hanging and Cabling
Re: Bid No. WAPHC14-15**

Dear TPS:

In response to the above referenced bid and specific reference to Section B. Instructions to Bidders, listed below are CNCMICROTECH's responses to items #1 to #4.

1. Enclosed in Package

2. CNCMICROTECH upon notification that we are in fact the low bidder will immediately submit certified audited financial statements. CNCMICROTECH is a financially stable company with supporting financials.

3. A full set of product submittals is included in this bid. Siemon/Hitachi Category 6 plenum solution with a 20 yr manufactures warranty.

4. Enclosed are several emails from various customers that CNCMICROTECH has done and continues to do business with.

5. Please see attached article of when my staff and I actually installed Tolland high School.

It is made understood that CNCMICROTECH will definitively upon award submit supporting financials for final BID award.

Respectfully,

**Jack D. Pragosa
GM/Partner
CNCMICROTECH**

CNC-MICROTECH, Inc.

85 Felt Rd, Suite 504, South Windsor, CT 06074 T(860)432-0957, TF(855)266-0001, Fax (860)432-3611

CT License # 00182552

Tolland Public Schools
51 Tolland Green
Tolland, Connecticut 06084

Wireless Access Point Hanging and Cabling
Bid No. WAPHC14-15

Section E. Bid Form

Page 1 of 2

Date: May 27, 2014

Pursuant to and in compliance with your Invitation to Bid and your Instructions to Bidders;
relating thereto, the undersigned,

CNCMICROTECH INC

{Name of Bidder}

having carefully examined the complete specifications and together with all addenda issued
and received prior to scheduled closing time for receipt of bids hereby offers and agrees as to
provide all equipment in accordance with the attached specifications dated June 5, 2014.

The authorized person signing below further certifies that this bid has been prepared without
collusion with any other bidder, the Tolland Board of Education, or any employee of the Tolland
Board of Education, and is unaware of any direct, personal pecuniary interest of any employee
of the Tolland Board of Education in the outcome of this bid.

AUTHORIZED SIGNATURE:  _____

ADDRESS OF BIDDER: 85 Felt Rd # 504

CITY, STATE & ZIP: S. WINDSOR CT 06074

PHONE & E-MAIL: 860-559-5772 JPRAGUSA@CNCMICROTECH.COM

Tolland Public Schools
51 Tolland Green
Tolland, Connecticut 06084

Wireless Access Point Hanging and Cabling
Bid No. WAPHC14-15

All Bid Envelopes must be clearly marked with Bid Title, Opening Date, and time.

CNCMICROTECH INC

{Name of Bidder}

Number of years doing business under this name: 10

Type of company (e.g. Corporation, Sole Proprietor, Limited Liability Partnership)

INC.

Cost per access point: \$ 216.04 + APPLICABLE TAXES

\$17,500.00 + APPLICABLE TAXES TOTAL CONTRACT

HITACHI	30237-8BL
SIEMON	MX-FP-S-XX-XX
SIEMON	MX6-FXX
YC	MUTP6-XXXXB
B-LINE	BCHXX
NELSON	AA445
VELCRO	189589
SIEMON	HD6-24
PLATINUM	202010J

SUBMITTALS

BIDS RECEIVED
Tolland Public Schools
Wireless Access Point Hanging and Cabling
July 2, 2014
2:00 p.m.

Date	Company Name and Contact Person	Address	Phone Number	
6/16/14 ✓	SystemOne	215 Captain Lewis Drive Southington, CT 06489	860.426.2880	
7/2/14 ✓	CDW	2 Corporate Drive, Ste. 800 Shelton, CT 06484		
7/2/14 ✓	CNC microtech	85 Fell Rd. Suite 504 South Windsor, CT 06094		
7/2/14 ✓	Rock-Vern Electric	51 Tolland Green Tolland, CT 06081	860-875-5905	
7/2/14 ✓	Wireless Access Point Hanging & Cabling	45 Peter Ct New Britain, CT 06050		

BIDS RECEIVED
Tolland Public Schools
Wireless Access Point Hanging and Cabling
July 2, 2014
2:00 p.m.

Date	Company Name and Contact Person	Address	Phone Number	BID
6/16/14	SystemOne Tom Mascaro	215 Captain Lewis Drive Southington, CT 06489	860.426.2880	\$245.00
7/2/14	CDW Matthew Flood	2 Corporate Drive, Ste. 800 Shelton, CT 06484	203-851-7071	\$354.98
7/2/14	CNC Microtech Jack Pragosa Mark Baker	85 Felt Road Suite 504 South Windsor, CT 07074	855-266-0001	\$216.04
7/2/14	Rock-Vern Electric Steve Palumbo	24 Tolland Stage Road Tolland, Ct 06084	860-875-5905	\$398.00
7/2/14	ANI Reno BonHomme	45 Peter Court P.O. Box 638 New Britain, CT 06050	860-229-0800	\$235.00



Pricing Proposal
Quotation #: 10376391
Created On: 10/2/2015
Valid Until: 10/30/2015

TOLLAND PUBLIC SCHOOLS

Adam Sher

BOARD OF EDUCATION
One Eagle Hill
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TOLLAND, CT 06084
UNITED STATES
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Business Development Manager

Jeff Levin

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Somerset, NJ 08873
Phone: 860-872-5677
Fax: 732-652-6654
Email: Jeff_Levin@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 HP 5406R 44GT PoE+ / 4SFP+ (No PSU) v3 z12 Switch - Switch - managed - 44 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ - rack-mountable - PoE+ Hewlett Packard Enterprise - Part#: JL003A	1	\$4,633.90	\$4,633.90
2 HP - Power supply (plug-in module) - 1100 Watt - United States - for HP 5406R, 5406R z12, 5412R, 5412R z12 Hewlett Packard Enterprise - Part#: J9829A#ABA	2	\$752.40	\$1,504.80
3 HP Management Module - Network management device - plug-in module Hewlett Packard Enterprise - Part#: J9827A	1	\$1,530.00	\$1,530.00
4 HP X450 4U/7U Universal - Rack mounting kit - for HP 5406R, 5406R z12, 5412R, 5412R z12 Hewlett Packard Enterprise - Part#: J9852A	1	\$244.30	\$244.30
Subtotal			\$7,913.00
Total			\$7,913.00

Additional Comments

Pricing per MHEC MC11-F05

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Pricing Proposal
Quotation #: 9606062
Created On: 5/1/2015
Valid Until: 5/29/2015

TOLLAND PUBLIC SCHOOLS

Adam Sher

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Phone: (860) 870-6824 X501
Fax:
Email: asher@tolland.k12.ct.us

Business Development Manager

Jeff Levin

290 Davidson Avenue
Somerset, NJ 08873
Phone: 860-872-5677
Fax: 732-652-6654
Email: Jeff_Levin@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 HP LaserJet Pro 400 M451dw - Printer - color - Duplex - laser - A4/Legal - 600 dpi - up to 21 ppm (mono) / up to 21 ppm (color) - capacity: 300 sheets - USB, LAN, Wi-Fi(n) - power supply Hewlett Packard - Part#: CE958A#BGJ	1	\$377.10	\$377.10
2 HP LaserJet Pro M201dw - Printer - monochrome - Duplex - laser - A4/Legal - 1200 x 1200 dpi - up to 26 ppm - capacity: 260 sheets - Gigabit LAN, Wi-Fi(n), USB 2.0 - power supply Hewlett Packard - Part#: CF456A#BGJ	1	\$191.70	\$191.70
3 Logitech Ultrathin Keyboard Cover - Keyboard - Bluetooth - English - US - for Apple iPad (3rd generation); iPad 2 Logitech - Part#: 920-004013	1	\$80.20	\$80.20
Subtotal			\$649.00
Total			\$649.00

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