

# Board of Education Capital Plan FY16-FY21

**PROJECT TITLE:** TIS Computer Ed Lab 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

By 2020, the TIS Computer Ed Lab will be in need of hardware upgrades in order to run supported versions of Windows and other software packages. The Computer Education lab will be upgraded with laptops to empower students to interact with technology outside of the lab as well as allowing laptops to be brought into classrooms.

- 25 Windows Laptops
- 2 Laptop Carts
- 1 Interactive Projection System
- 1 Document Camera
- 1 Wireless Access Point with Installation
- 1 Cloud/BYOD Color Printer

## PROJECT NEED

Impact on Department if Recommended or Not Recommended:

Instruction will become increasingly difficult as hardware becomes outdated. It will become necessary to phase out the lab if upgrades cannot be funded.

Cost to Maintain:

Wireless Access Point Support: \$62 / WAP = \$62 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 lab.

**PROJECT BUDGET AND FUNDING SOURCES**

<b>Project Cost Summary, Recommended Financing Sources, &amp; Operating Budget Impact</b>						
<b>Project Cost Elements</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>TOTAL</b>
Feasibility Study						
Design - Engineering						
Site Acquisition						
Site Improvements						
Construction						
Inspection Services						
Equipment & Furnishings					\$23,443	\$23,443
Vehicle Purchase						
Other						
Contingency						
<b>TOTALS</b>					<b>\$23,443</b>	<b>\$23,443</b>
<b>Financing Sources</b>						
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						
<b>TOTALS</b>						

TIS Computer Ed Lab

Item	Qty	Cost ea.	Total
Windows Laptop	25	\$ 635	\$ 15,875
Laptop Cart	2	\$ 1,450	\$ 2,900
Interactive Proj. System	1	\$ 3,000	\$ 3,000
Document Camera	1	\$ 200	\$ 200
WiFi AP & Installation	1	\$ 1,090	\$ 1,090
Cloud/BYOD Color Printer	1	\$ 378	\$ 378
<b>Total</b>			<b>\$ 23,443</b>

Document camera prices fluctuate considerably with changing technology. Amount is estimated for bulk order at time of purchase



Pricing Proposal  
Quotation #: 9859932  
Created On: 6/19/2015  
Valid Until: 6/30/2015

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## TOLLAND PUBLIC SCHOOLS

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## Business Development Manager

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### Adam Sher

BOARD OF EDUCATION  
One Eagle Hill  
ATTN: ACCOUNTS PAYABLE  
TOLLAND, CT 06084  
UNITED STATES  
Phone: (860) 870-6824 X501  
Fax:  
Email: asher@tolland.k12.ct.us

### Jeff Levin

290 Davidson Avenue  
Somerset, NJ 08873  
Phone: 860-872-5677  
Fax: 732-652-6654  
Email: Jeff\_Levin@shii.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 Lenovo 11e See specs below Lenovo - Part#: 20D9CTO1WW	1	\$581.00	\$581.00
2 Lenovo ePac Depot Repair - Extended service agreement - parts and labor - 2 years ( 2nd/3rd year ) - pick-up and return - for ThinkPad 11; 11e Chromebook; X13X; X140; X220 Tablet; ThinkPad Yoga 11; 11e Chromebook Lenovo - Part#: 5WS0E84849	1	\$54.00	\$54.00
		Subtotal	\$635.00
		Total	\$635.00

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### Additional Comments

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Processor Intel Celeron N2940 processor (2MB Cache, Up To 2.25GHz)

Operating System Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64

Operating System Language Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 English

Recovery Media Windows 8.1 Pro 64 Recovery Media English

Display 11.6" HD (1366 x 768), Anti-Glare, Black

Base Intel HD Graphics

Memory 4GB PC3-12800 DDR3L SDRAM 1600MHz SODIMM

HDMI Port HDMI Port 1.4

USB Port 3.0 USB Port 3.0

USB Port 2.0 USB Port 2.0

Card Reader 4 in 1 Card Reader

Keyboard Keyboard - US English

Hard Drive 128GB Solid State Drive, SATA3

Battery 4 cell Li-Ion Battery 35WH

Power Cord 45W AC Adapter - US (2pin)

Ethernet Adapter Ethernet Port(RJ-45)

Wireless Intel Dual Band Wireless 7260 AC/B/G/N , Bluetooth Version 4.0

Language Pack Publication - US English

Dolby Advanced Audio Version 2 SWR for Dolby

Warranty 1 Year Depot or Carry-in

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



# SALES QUOTATION

QUOTE NO.	ACCOUNT NO.	DATE
GHFK790	3028489	6/30/2015

**BILL TO:**  
 TOLLAND BOARD OF EDUCATION  
 51 TOLLAND GRN

**SHIP TO:**  
 TOLLAND BOARD OF EDUCATION  
 Attention To: CHRIS WHITE  
 51 TOLLAND GRN

Accounts Payable  
 TOLLAND , CT 06084-3030

TOLLAND , CT 06084-3030  
 Contact: ADAM SHER 860.870.6818

Customer Phone #860.870.6864

Customer P.O. # ERGOTRON QUOTE

ACCOUNT MANAGER		SHIPPING METHOD	TERMS	EXEMPTION CERTIFICATE
MICHELLE SILVA 866.806.4758		DROP SHIP-COMMON CARRIER	NET 30 Days-Govt/Ed	GOVT-EXEMPT
QTY	ITEM NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
4	2652457	ERGOTRON 20 NB CHROME TAB MGMT CART Mfg#: 24-246-085 Contract: PEPPM 2014 Catalog Agreement PEPPM2014	1,449.00	5,796.00
SUBTOTAL				5,796.00
FREIGHT				0.00
TAX				0.00

US Currency

**TOTAL** 5,796.00

CDW Government  
 230 North Milwaukee Ave.  
 Vernon Hills, IL 60061

Fax: 847.990.8197

**Please remit payment to:**  
 CDW Government  
 75 Remittance Drive  
 Suite 1515  
 Chicago, IL 60675-1515



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

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## TOLLAND PUBLIC SCHOOLS

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## Business Development Manager

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### 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

### 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

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Pricing per MHEC MC11-F05

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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



Pricing Proposal  
 Quotation #: 11653927  
 Created On: 6/1/2016  
 Valid Until: 6/30/2016

**TOLLAND PUBLIC SCHOOLS**

**Adam Sher**

BOARD OF EDUCATION  
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**Business Development  
 Manager**

**Jeff Levin**

290 Davidson Avenue  
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 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 Epson BrightLink 595Wi - LCD projector - 3300 lumens - WXGA (1280 x 800) - 16:10 - HD - LAN with 2 years Epson Road Service Program Epson - Part#: V11H599022	1	\$2,069.70	\$2,069.70
2 Epson BrightLink 585Wi - LCD projector - 3300 lumens - WXGA (1280 x 800) - 16:10 - HD - ultra short-throw lens - LAN with 2 years Epson Road Service Program Epson - Part#: V11H600022	1	\$1,898.00	\$1,898.00
3 Epson BrightLink 575Wi - LCD projector - 2700 lumens - WXGA (1280 x 800) - 16:10 - HD - LAN Epson - Part#: V11H601022	1	\$1,725.40	\$1,725.40

The district will be purchasing the Epson BrightLink 595Wi  
 Additionally, installation is being estimated at \$940 per projector to  
 account for labor cost inflation

Subtotal \$5,693.10  
 Total \$5,693.10

**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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## Business Development Manager

### Jeff Levin

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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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