

# 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, network switches, and BYOD/ Cloud compatible printers.

49 Interactive Projection Systems  
49 Document Cameras  
2 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:

N/A

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**

<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		\$180,922				\$180,922
Vehicle Purchase						
Other						
Contingency						
<b>TOTALS</b>		<b>\$180,922</b>				<b>\$180,922</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>						

## THS Classroom Technology Upgrades

Item	Qty	Cost ea.	Total
Interactive Proj. System	49	\$ 3,000	\$ 147,000
Document Camera	49	\$ 200	\$ 9,800
Switch Chassis	2	\$ 4,634	\$ 9,268
Switch Modules (24 pt or 20 +4)	2	\$ 1,530	\$ 3,060
Switch Chassis Redundant PS	2	\$ 752	\$ 1,504
Swich Rack Mounting Kit	2	\$ 245	\$ 490
Cloud Printers	49	\$ 200	\$ 9,800
<b>Total</b>			<b>\$ 180,922</b>

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



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

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## TOLLAND PUBLIC SCHOOLS

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## Business Development Manager

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 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

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### Additional Comments

Pricing per MHEC MC11-F05

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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.



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

**TOLLAND PUBLIC SCHOOLS**

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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

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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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