

# Board of Education Capital Plan FY17-FY22

**PROJECT TITLE:** TMS Surge Protection

**DATE SUBMITTED:** 10/6/2016

## DEPARTMENT PROJECT INFORMATION

Department: \_\_\_\_\_  
Department Contact: **Peter Sztaba** \_\_\_\_\_  
Fiscal Year(s) Requested: **FY2017** **FY2018** **FY2019** **FY2020** **FY2021** **FY2022** \_\_\_\_\_  
Department Priority: **Critical** **High** **Medium** **Low** \_\_\_\_\_  
Type of Project: **Vehicle** **Equipment** **Technology** **Facility** **Other** \_\_\_\_\_

## PROJECT DESCRIPTION

The Tolland Middle School has (2) GE switch gear main electrical panels: (1) 3000 AMP panel, and (1) 1200 AMP panel that would benefit from the installation of surge protection devices. These devices were recommended by CIRMA the Tolland BOE's insurance provider to reduce the likeliness of surge related damages to sensitive electrical equipment. Rock-Vern Electrical assisted in pricing out the cost to implement this which would be around an inflation adjusted \$8,500.

## PROJECT NEED

Impact on Department if Recommended or Not Recommended: reduction in electrical surge issues and/or lighting strike issues, reduction in commercial liability insurance through CIRMA, recommendation by CIRMA for improved performance and reduction in risk

Cost to Maintain: None

Describe all Benefits and/or Savings: reduced liability, possible reduced property insurance and commercial liability

## PROJECT BUDGET AND FUNDING SOURCES

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

<b>Project Cost Elements</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>TOTAL</b>
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Feasibility Study							
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Design - Engineering							
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Site Acquisition							
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Site Improvements							
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Construction						\$8,500	\$8,500
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Inspection Services							
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Equipment & Furnishings							
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Vehicle Purchase							
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Other							
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Contingency							
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<b>TOTALS</b>						<b>\$8,500</b>	<b>\$8,500</b>
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**Financing Sources**

Lease-Purchase	
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Water Enterprise Funds	
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Sewer Enterprise Funds	
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Solid Waste Enterprise Funds	
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Storm Water Enterprise Funds	
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State / Federal Grants	
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Sale of Surplus Property	
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CPA	
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Other (specify)	
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City Appropriation	
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<b>TOTALS</b>	
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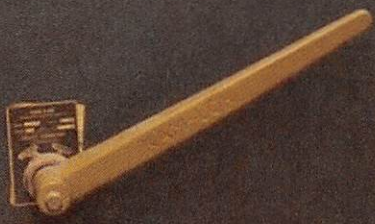






DANGER  
HIGH  
VOLTAGE

DO NOT  
DISCONNECT  
SWITCH  
WITHOUT NOTIFYING  
MAINTENANCE  
• Sensitive Equipment •







**24 TOLLAND STAGE ROAD  
TOLLAND, CT. 06084  
TOLLAND, CT. 06084  
STEVE PALUMBO**

**PROPOSAL  
(860) 875-5905 PHONE  
(860) 875-6111 FAX  
(860) 833-9972 CELL**

**Tolland Board of Education  
51 Tolland Green  
Tolland, CT. 06084  
Attention: Mr. Peter Sztaba**

**September 29, 2016**

**INRE:**

**TIS, TMS, AND BIRCH GROVE SURGE PROTECTION**

- **(1) Surge protector installation at each school location installed on the main incoming service entrance switchgear (3) each with digital readout and indicator lights, alarm contacts, phase loss indication, audible alarm**
- **Required conduit and wiring for each surge protector unit**
- **Programming and wiring connections for each location**

**Proposal Amount**

**\$ 15,285.00**

**THANK-YOU FOR THE OPPORTUNITY TO SUBMIT THIS PROPOSAL AND WE  
LOOK FORWARD TO WORKING WITH AND FOR YOU.**

**STEVE PALUMBO  
ROCK-VERN ELECTRIC, INC.  
steve@rockvern.com**