

Perkins&Will

Memo

Date: 10.15.2019

To: Town of Belmont

From: Brooke Trivas

Re: Belmont High School:
Proprietary Items

PROPRIETARY ITEM 1:

Stage Lighting/ ETC Source 4 LED Series 2 spotlight

REASON FOR THE REQUEST:

BHS has been particularly concerned about the transition in their stage lighting from incandescent to LED sources, and the proposed product is the only LED spotlight on the market that approaches the expressive qualities of incandescent light. It's features and quality have made it the accepted industry standard in LED stage lighting, in wide use. It is available from multiple local vendors so pricing will be competitive.

PROPRIETARY ITEM 2:

Lighting Controls/ ETC ION XE 20 control console (Auditorium) and ETC ELEMENT 2 control console (Black Box)

REASON FOR THE REQUEST:

These are portable control desks that operate the stage lighting. The two consoles proposed are the simplest versions of the ETC Eos family of control consoles. All consoles in the Eos family run the same software. They are most appropriate for teaching institutions because:

- Intuitive design allows students to master lighting control concepts
- Concepts and applications learned on either of these consoles are transferrable to the whole family of Eos consoles
- Students will encounter Eos consoles (more than any other make) when they leave BHS, meaning their training at BHS will have better prepared them for college or employment

These consoles are available from multiple local vendors so pricing will be competitive.

PROPRIETARY ITEM 3:

Network Switch Electronics as specified in Section 272000 will be proprietary. Manufacturer is Alcatel-Lucent.

REASON FOR THE REQUEST:

The Town of Belmont has standardized Alcatel-Lucent throughout the entire district for network equipment.

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PROPRIETARY ITEM 4:

Wireless access points and Controllers/ Alcatel-Lucent.

REASON FOR THE REQUEST:

The Town of Belmont has standardized Alcatel-Lucent throughout the entire district for wireless equipment and controllers.

PROPRIETARY ITEM 5:

School Guard Glass

REASON FOR THE REQUEST:

School Guard Glass was specifically designed and engineered as a forced-entry resistant glazing product. The SG4 product will withstand up to six (6) minutes of forced entry attack and the SG5 product will withstand up to twelve (12) minutes of forced entry attack. This product was tested by H.P. White and Intertek Labs and certified for the times noted herein. The SG4 product can also be fabricated into 1" IGUs making it favorable for cost savings in window fabrication. This product has no equal and is being used at schools across the country including the new Sandy Hook School.

PROPRIETARY ITEM 6 :

FERO Break-away Fire Release Connector

REASON FOR THE REQUEST:

FERO Break-Away Fire-Release Connector is required for bracing the firewall under normal use. The break-away connector is to allow the building to maintain the integrity of the firewall and extend the fire escape times. After reasonable investigation and exploring other feasible alternatives, we have determined that there is no other equivalent product that has been tested that will provide the same level of safety for maintaining the integrity of the firewall. In the best interest of the owner and public at large we would recommend that FERO Break-Away Fire-Release Connector be included in the specifications for the project.