

Memorandum

To:	Fuller Middle School Building Committee	Date:	6/3/2019
From:	Joel G. Seeley	Project No.:	17050
Project:	New Fuller Middle School		
Re:	Proprietary Specification		
Distribution:	School Building Committee (MF)		

School Building Committee Members,

Please find the updated listing of Proprietary Specifications, dated May 22, 2019, recommended to be included in the project by Framingham Public Schools Building and Grounds Department. These have been reviewed by the architect and the engineers and they agree with the recommendation. This is an update of the list reviewed at the April 8, 2019 School Building Committee Meeting.

Also attached is an excerpt from the MSBA's Detailed Design Requirements Module 6, which requires a vote by an elected body of the District for proprietary specifications.

The School Building Committee is requested to approve the attached recommended listing of Proprietary Specifications and recommend approval by the School Committee.

MEMORANDUM

DATE: March 15, 2019, *Revised March 21, 2019, Revised April 8, 2019, Revised May 22, 2019*

PROJECT: Fuller Middle School Framingham, MA
SUBJECT: Proprietary Items

TO: Joel Seeley, SMMA
FROM: Elizabeth Bugbee, AIA Jonathan Levi Architects

On February 20, 2019 the Framingham Public Schools Building and Grounds Department identified and recommended the following items to be listed as proprietary in the specifications for the new Fuller School. These items were reviewed with the architect and MEP engineers, who agree with the recommendations. These will need to be voted on and approved by the SBC in order to be included in the specification for the new Fuller Middle School.

SYSTEM	MANUFACTURER	REASON FOR RECOMMENDATION
Automatic Temperature Controls	Tridium Niagara N4 Supervisor - JACE Controller	Tridium Niagara N4/Supervisor is the current City standard for the Building Management System (BMS). This would be an extension of the City's existing building management Architecture system with Tridium Niagara N4/JACE controllers and will provide a seamless tie-in to the existing City's building management system BMS Server. The Tridium Niagara N4/Jace would therefore result in the reduction of costs of maintenance staff training and servicing, to improve reliability of service from contractors, and improve integration of systems into the existing Facility control network. The Tridium Niagara N4 Supervisor system provides an open platform to allow integration of a variety of other control system protocols with JACE Controller (eg BACNet IP, etc.)
Network Switches	HP	Maintaining a standard set of manufacturers for this type of equipment helps to lower the total cost of ownership of the system by allowing the City to maintain a standard operating procedure for installation, operation, support and maintenance.
Access Control	S2	Maintaining a standard set of manufacturers for this type of equipment helps to lower the total cost of ownership of the system by allowing the City to maintain a standard operating procedure for installation, operation, support and maintenance.
Closed Circuit TV	Cisco Meraki System	Maintaining a standard set of manufacturers for this type of equipment helps to lower the total cost of ownership of the system by allowing the City to maintain a standard operating procedure for installation, operation, support and maintenance.
Door Hardware Key System and Lock Cylinders	Schlage Classic Keyways: C, E, EF and F.	The existing Framingham Public Schools master key system is a registered system with Schlage Lock. The school district would like Fuller Middle School keyed into the existing registered master key system.
Classroom Door Hardware	Securitech QID	Allows user to quickly lock classroom door via push button in lieu of thumb turn or key and has visual indicator to notify occupants that the door is deadbolted and the outside lever is locked.

- Provide a list identifying all proposed proprietary items (if any) with an affidavit which shall indicate an elected body of the district (school committee, city or town council, or selectmen, - but not an ad-hoc building committee) has been presented with proposals for proprietary requirements approval action, has had an opportunity to investigate, or to require staff or consultant investigation upon each item so proposed, and has majority voted in an open public session that is in the public interest to do so. Provide MSBA with a certified copy of the vote of the elected body.
- An interior color theory statement describing proposed paint and material selections and colors for typical and special spaces, why they have been selected and how these selections relate to exterior materials and colors. Confirm that color and material selections have been presented to and approved by the District
- Confirmation of project registration with CHPS or USGBC
- Structural narrative including methods of lateral bracing and how requirements of earthquake code will be met
- Structural calculations and required floor loads
- Energy calculations
- Life Cycle cost analysis for energy and water consuming devices
- Heat gain and loss calculations for Heating, Ventilating and Air Conditioning systems
- Calculations showing total electrical load
- Security and visual access requirements:
 - Confirmation that the persons responsible for implementation of the District's emergency procedures, and responding emergency medical, fire protection, and police agency representatives have been consulted in the planning process and any associated requirements have been included in the project
 - Identification of any other security related items particular to the District and/or the proposed project
 - Verification that the following safety and security related issues have been reviewed and are in accordance with the District's procedures as noted above:
 - Main entrance design – describe District protocol for visitor entry and check-in related to the current design for visitors to remain in the vestibule versus a side sub-vestibule
 - Classroom lockset hardware - confirm hardware functions are compatible with the District's protocols related to lockdown
 - Classroom / Instructional spaces visibility - confirm that the inclusion of sidelights at entrance locations is compatible with the District's current standards related to visibility from corridors and whether any related vision control option measures are to be incorporated
 - Alternative entry locations - confirm project includes site and building signage, as may be required by District's emergency procedures, to identify locations where first responders may more directly reach a person needing medical attention; Knox