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| **Revision History** | |
| **Revision Date** | **Section / Nature of Revision** |
| 03/01/2017 | Document Issued |
| 04/08/2022 | 2.01 B Removed Thyssen Krupp Elevator as approved vendor |
| 05/10/2022 | * 1. F All contractors to use “PCSB Maintenance Department/Name of School 11111 S. Belcher Rd. Largo FL. 33773” under section 4 of form DBPR HR-7025 |

# PART 1 – GENERAL

1.1 All Elevators designs and elevator modernizations shall be in accordance the following codes and guidelines:

1. ANSI A17.1 National Elevator Code
2. ADA Guidelines
3. Florida Building Code (FBC)
4. NFPA 70 – National Electric Code
5. Florida Statutes
6. All contractors/vendors must fill 14 24 00 Appendix A form and use “PCSB Maintenance Department/ Name of School 11111 S. Belcher Rd. Largo FL. 33773” under section 4 of form DBPR HR-7025 for any elevator and chair lift.

In addition to the above requirements, all elevator designs, construction, and modernizations shall adhere to the following without exception:

# PART 2 – PRODUCTS

2.1 The following Manufacturers are approved suppliers (subject to these guidelines):

1. Mowrey Elevator
2. Otis Elevator
3. Kone Elevator
4. Schindler Elevator

2.2 Low Rise Elevators

1. Hydraulic elevators shall be used with direct acting hydraulic plunger(s). The plunger(s) shall be either standard hole-less or twin jack design.
2. Oil viscosity control shall be included in each elevator and modernizations.
3. Two gate valves shall be installed in the hydraulic line. One in the pit and one adjacent to the hydraulic valve in the machine room.
4. All new elevators or elevator modernizations shall be equipped with a battery back-up alarm bell/audible device in each cab.
5. Keyed elevator switch to be factory keyed

2.3 Control Systems

1. Modernization and new elevators shall be installed with Non-Proprietary/Non-OEM control systems.
2. Approved control manufacturers are limited to:
3. Smart Rise Engineering
4. Motion Control Engineering
5. Elevator Controls Corporation
6. Vertitron Midwest
7. Or other Non-Proprietary/Non-OEM controller manufacturer pre-approved in writing by the School Board.
8. Contractor shall provide all special tools, programs and back-up software, and passwords required for full continuing maintenance, annual inspection procedures and parts acquisition.
9. Contractor shall provide complete documentation including wiring diagrams and manuals.
10. Provided support to Annual Service Elevator Contractor.

2.4 Definition of Non-Proprietary:

1. Elevator control equipment must be 100% Non-Proprietary/Non-OEM, or an on-site, elevator specific, service tool, which renders the control equipment 100% non-proprietary must be provided with the new or modernized elevator.
2. The controller interface tool must allow full access to fault codes and maintenance related parameters, and must allow complete and through maintenance and annual inspection service to be performed by the School Districts Annual Service Elevator Contractor.

# PART 3 - EXECUTION

1. All new elevators shall be constructed with a machine room.
2. Free technical support will be available at no charge to Annual Service Elevator contractors.
3. Complete documentation including full wiring diagrams and technical manuals will be provided to the owners.
4. Diagnostic and programming display will be incorporated in the control panel.

**END OF SECTION**