

SECTION 27 6000 - CHARGING CARTS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Charging Carts

1.02 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- B. Related Drawings:
 - 1. IT – Technology Bid Package

1.03 SUMMARY

- A. The new charging carts specified within this section shall minimally support the computers and mobile devices required for this project.
- B. Equipment shall be installed throughout the facility as indicated on the IT drawings.
 - 1. The contractor is responsible for providing and coordinating final equipment arrangements, locations, phased activities and construction methods that minimize disruption to the owner's operations and provide complete and operational systems.

1.04 APPLICABLE STANDARDS

- A. All of the work within the scope of this bid shall be performed in accordance with the applicable state, county and city laws and ordinances. The bidder shall be able to obtain all permits and licenses if required. All materials, supplies and equipment being furnished shall be installed in accordance with the latest version of the applicable standards of:
 - 1. OSHA

2. Components of the system shall be of the type approved by Safety and Regulatory Agencies including:
 - a. Underwriters' Laboratories (UL), Inc.
 - b. Agency approvals and UL Listing declare the system's design, components, and installation shall meet the highest standards.

1.05 SUBMITTALS

- A. Pricing for all devices shown within article 2.3 – BILL OF MATERIAL BOM must be filled out and submitted with this bid proposal and shall include all unit and total pricing.
- B. Product Data: Submit manufacturer's technical data, product specifications, installation instructions, and other pertinent information as applicable for each product or material specified.
- C. Samples of manufacturer's standard and extended warranties.
- D. Equipment List: Include every piece of equipment by model number, manufacturer, serial number, location, and date of original installation.

1.06 QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain all materials from one (1) source from a single approved manufacturer for each product required within this specification.
- B. All devices procured and delivered as part of this specification shall be new from the manufacturer. Refurbished devices will not be accepted for this project. The technology consultant will verify all devices prior to delivery and installation of all devices described within this specification.

1.07 DELIVERY, STORAGE AND HANDLING

- A. Take care in handling products in accordance with manufacturer's instructions.

- B. Site delivery conditions: there is not a traditional loading dock where a truck can back up to unload heavy equipment. There is a receiving area in the rear of the school where a ramp and/or stairs is available to get from the driveway to the finished floor level.
- C. Store indoors in original undamaged packaging, in a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity. Store products upright in secure, protected area. Verify with the manufacturer that site conditions are acceptable before receiving material.

1.08 WARRANTY

- A. Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of any device and equipment related to operation, and equipment that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Unless stated otherwise within product descriptions, The Manufacturer's standard manufacturer's warranty from date of Substantial Completion shall be provided.

PART 2 - PRODUCTS

2.01 DESKTOP COMPUTERS

- A. The selected manufacturer shall be Ergotron #YES24-CHR-1.
- B. Alternate manufacturers are allowed but must meet all characteristics of the Ergotron #YES24-CHR-1.:
- C. All devices are to be procured, delivered and installed as indicated under this portion of the specification.
- D. All associated devices and/or licensing required to obtain a fully functional system shall be included as part the contractor's bid submittal.

2.02 BILL OF MATERIAL – BOM

- A. The following Bill of Materials is meant to assist the bidding integrator with the intent of the system installation. All material and parts not described but required for a fully functional system as stated within this section must be furnished, installed and configured as part of this project.

#	MFG	PART NO.	PRODUCT DESCRIPTION	QTY
1	Ergotron	YES24-CHR-1	Charging Cart	15
2			Installation of Cart	15

PART 3 - EXECUTION

3.01 SECURE ATTACHMENT

- A. To ensure proper attachment of Fixtures, Furnishings & Equipment items, including and Technology items, where “items” are attached to wall, ceiling, overhead structure, and/or floor, Contractor shall provide information adequate for architect to verify items, attached to wall, ceiling, and/or floor are attached securely and per manufacturer’s recommendations. Architect’s review may be implemented during submittal process.
- B. The contractor shall provide struts, hangers, fasteners, safety harnesses, channels, bolts, screws, rods, etc. to securely attach items to existing structure as required to meet field conditions and meet applicable codes.

3.02 SYSTEM INSTALLATION

1. The Charging Stations shall be delivered to the school and coordinated with the IT personnel from the Board of Education.
- B. The contractor awarded this section shall deliver and unpack all devices specified within this document and dispose of all trash.
- C. All device locations must be coordinated and verified by the owner prior to actual installation.

- D. All devices within this specification must be installed per the manufacturers' recommended insulation specifications.

3.03 CLEANING

- A. Remove rubbish and debris: Installation contractor is not allowed you use the onsite dumpster and is responsible to discard their own debris off site.
- B. Clean installed items using methods and materials recommended in writing by manufacturer.

END OF SECTION 27 6000

22067
06/16/2026
TECHNOLOGY - Phase 3 of 3

SHERMAN SCHOOL RENOVATION PROJECT
SHERMAN SCHOOL CENTRAL ADMINISTRATION PROJECT
State Project No. 127-0009RNV / 127-0010 BE/RNV

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