

SECTION 14 20 00

ELEVATORS

PART 1 GENERAL

1.01 WARRANTY

- A. The elevator manufacturer shall provide an 24-month warranty.
- B. Warranty shall begin upon acceptance of the elevator by the Owner.
- C. DPS will verify that all elevator functions are operating prior to acceptance.

1.02 MAINTENANCE SERVICE

- A. The elevator manufacturer shall be responsible for all service and maintenance for the duration of the warranty.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. ECCO
- B. KONE
- C. Minnesota Elevator
- D. Otis
- E. Schumacher
- F. ThyssenKrupp

2.02 EQUIPMENT

- A. Platform size:
 - 1. Platform size shall accommodate ADA requirements (minimum).
 - 2. Larger platforms may be appropriate.
- B. Type:
 - 1. Hydraulic (standard hole or “holeless”)
- C. Controls:
 - 1. Non-proprietary.
 - 2. Not patented or copyrighted.
- D. Keypad hall call stations: Mark II Elevator System, Model KE-1000, manufactured by Essex Electronics, Inc., Carpinteria, California.
- E. Emergency telephone: Wurtec Elevator Products & Service, Inc., Toledo, Ohio.
 - 1. Provide vandal-resistant telephone set with emergency pushbutton dialer, and “hands free” use for microphone/speaker concealed behind perforated panel-mounted.
- F. Elevator size and capacity:
 - 1. Minimum weight capacity 2,000 pounds
- G. Keys:
 - 1. Provide three (3) sets of elevator keys to DPS, including
 - a) Cab hall call key
 - b) Hostway vent key
 - c) Fire recall key

- d) Custodial override (run/stop) key
- e) Pit access key
- 2. A keyed switch labeled “Hostway Vent” located adjacent to Fire Department switch at primary level.
 - a) Keyed switch shall be rotating type only.

2.03 MATERIALS

A. Finishes:

- 1. Doors and door frames:
 - a) Satin finish stainless steel is preferred.
 - b) Painted steel.
- 2. Cab floor:
 - a) Vinyl composition tile (VCT) to match VCT elsewhere in building.
 - b) Carpet flooring is prohibited in elevator cabs.
- 3. Cab ceiling:
 - a) 8 foot minimum ceiling height.
 - b) Integral lighting: Fluorescent fixtures above ceiling panels.
 - c) Ceiling panels: Lay-in translucent.
- 4. Cab walls:
 - a) Brushed stainless steel.
 - b) Plastic laminate panels are prohibited.
- 5. Handrails: Stainless steel.
- 6. Accessories: Pad hooks and protective wall pads.

B. Control & Call Station Trim: Satin finish stainless steel.

PART 3 EXECUTION

3.01 INSPECTION

- A. Final inspection by the Elevator Inspector (Colorado or Denver) shall be conducted in the presence of the A/E and DPS.

3.02 DEMONSTRATION

- A. The elevator installer shall provide complete operation training for DPS staff.
- B. Training shall include (but not necessarily be limited to)
 - 1. Enabling and disabling the elevator/
 - 2. Instruction in the operation of all safety devices/
 - 3. Instruction in the activating of all “reset” devices in any part of the elevator equipment/
 - 4. Instruction in the normal operating condition and inspection of equipment to determine if maintenance is needed/
 - 5. Instruction for reprogramming the keypad access system/
 - 6. Demonstration of all fire-alarm condition functions and the reset and clearing of these functions when alarm conditions are removed

END OF SECTION 14 20 00