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 24 month warranty period.

PART 2  PRODUCTS

2.01  MANUFACTURERS
A. KONE
B. Otis
C. Schindler
D. 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”)
   2. Traction
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., Carpenteria, California.
   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.
   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