

**EYEWASH AND SAFETY SHOWERS:** Are required in each middle school and high school science room not dedicated to physics. Eyewash stations are required in all preparation rooms and recommended for elementary school science rooms.

Maximum travel distance from every workstation to:

- Eye Wash: 25 feet (within 10 seconds of each work station)
- Shower: 50 feet

A minimum of one eyewash and shower shall be accessible. Each eyewash and safety shower shall be supplied with lukewarm water. Provide a mixing valve for each individual or group of closely located safety equipment. Water temperature shall be adjusted to be in compliance with ISEA Z358.1 Depressed/ sloped slabs and drains shall be provided at each station as required. A compartmental shower unit will be acceptable.

**FLAMABLE AND ACID STORAGE CABINET-** in Middle and High School projects, the contractor shall provide a combination acid and flammable storage cabinet approximately 35"W x 35"H x 22"D for basis of design.

**GOGGLE STORAGE/STERILIZATION CABINET:** In Middle and High School projects provide a cabinet which stores and sterilizes safety glasses and goggles using ultraviolet light. The unit shall accommodate 40 goggles or 40 safety glasses.

**FUME HOOD:** In 8<sup>th</sup> grade science rooms and High School projects provide a 4' fume hood, work surface and ADA base unit. As a basis of design for the hood, refer to the Protector Premier Laboratory Hood #100400002.

#### **DIVISION 12 61 12 FIXED AUDITORIUM SEATING**

Contract construction documents shall be performance based for a fair and competitive solicitation process that allows for all manufacturers the ability to participate in the solicitation. Any equipment that is proprietary and specific to a single manufacturer is to be listed and provided as an alternate. This includes any MSCS preferred vendors.

Auditorium/ theater-type seating is available in a variety of styles and designs for various assembly uses. The seating should meet the different expectations unique to each space in regards to aesthetics, comfort, seating maintenance, and durability. These projects will have varying budgets.

**DESIGN:** Shall comply with Americans with Disabilities Act (ADA) rules and regulations.

**QUALITY ASSURANCE:** Reference is made to a brand name as a base specification; however, this is not intended to limit competitive bidding. Products that are equal to or better than base specification will be given full consideration.

**WARRANTY:** Provide manufacturer's warranty covering structural components and operating mechanisms, material and workmanship for a period of fifteen years from the date of final acceptance.

#### **DIVISION 12 66 13 - TELESCOPING GYM SEATING**

Contract construction documents shall be performance based for a fair and competitive solicitation process that allows for all manufacturers the ability to participate in the solicitation. Any equipment that is proprietary and specific to a single manufacturer is to be listed and provided as an alternate. This includes any MSCS preferred vendors.

Seating in gym shall consist of telescoping bleachers with plastic/ polymer seats and integral aisle rails. If more than eight rows high, seating shall be powered.

**DESIGN:** Shall comply with Americans with Disabilities Act (ADA) rules and regulations.

**QUALITY ASSURANCE:** Reference is made to a brand name as a base specification; however, this is not intended to limit competitive bidding. Products that are equal to or better than base specification will be given full consideration.

**BASE SPECIFICATION:** Irwin Seating Company's telescopic bleachers with plastic seating on Model 4500 steel understructure

**WARRANTY:** Provide manufacturer's warranty covering material and workmanship for a period of ten years from the date of final acceptance. Any additional extended warranties above and beyond the manufacturer's standard warranties shall be listed as an alternate.

**OPTIONS:** Provide the following options:

- Scorer's Table: Provide one 8' x 15" scorer's table.

**REAR WALL COLUMN CUTOUTS:** Provide custom bleacher cutouts at rear wall building columns (where they occur).

#### **DIVISION 14 24 00 – HYDRAULIC ELEVATORS**

Contract construction documents shall be performance based for a fair and competitive solicitation process that allows for all manufacturers the ability to participate in the solicitation. Any equipment that is proprietary and specific to a single manufacturer is to be listed and provided as an alternate. This includes any MSCS preferred vendors.

Provide a hydraulic telescopic hole-less single or dual piston passenger elevator sided for accessibility. The capacity shall be 3500 lbs. with a speed of 150 FPM. The cab height shall be 8'-0". The hallway fixture is to be a key operated call with up/down buttons. Specify reduced voltage starting. Hydraulic Oil shall be biodegradable.

**MANUFACTURERS:** Reputable manufacturer with a minimum of 20 years' experience in elevator system construction

**GUARANTEE:** Elevator Contractor shall guarantee that the materials and workmanship of the apparatus installed by them under this specification are new and that they will correct defects not due to ordinary wear and tear or improper use of car which develop within one year from date of acceptance for all parts.

**MAINTENANCE:** Elevator Contractor shall provide twelve (12) months full contract service beginning at the date of Final Acceptance by Owner of each elevator. Service is to be provided on a monthly basis during regular working hours of regular working days except that emergency minor adjustment callback service shall be available at no additional cost 24 hours a day, 7 days a week.

**TEMPORARY SERVICE:** The elevator shall not be used for temporary service or for any other purposes prior to completion and acceptance by the Owner.

**END USER DEMONSTRATION:** A factory-authorized service representative shall perform a minimum of 8 hours training to the Owner's building and maintenance staff. Proper use, operation, and fire service test shall be demonstrated at this time.

The Contractor shall make a final check of the elevator operation with the Owner's maintenance personnel present. The Contractor shall ensure that the Owner has all necessary keys, manual, etc. as required in the specifications.

Specify stainless interiors with durable interior wall panels such as plastic laminate or equal. Specify VCT floor finish. Specify LED down lighting. Specify phone line connection, floor numbering, LED floor lanterns at each