PART 1 - GENERAL

1.1 SUMMARY

A. Products Supplied But Not Installed Under This Section:
   1. Key switch and receptacle.

B. Related Sections:
   1. Section 01 1000: Owner will furnish and install Basketball Standards. This Section establishes quality of materials and installation for information of Contractor, Architect, and Owner's Representatives.
   2. Section 06 1100: Structural support for standard.
   4. Division 26:
      a. Conduit, wiring, boxes, etc, to winch and key switch.
      b. Installation of key switch and receptacle.

1.2 SYSTEM DESCRIPTION

A. Design Requirements: Complete installation shall meet official basketball rules of National Collegiate Athletic Association (NCAA).

1.3 SUBMITTALS

A. Product Data:
   1. Manufacturer's literature or cut sheet.
   2. Parts lists.
   3. Operating and maintenance instructions.

B. Quality Assurance / Control: Wiring diagrams and installation instructions.

1.4 SEQUENCING

A. Install basketball standard after installation of switch and after power is available in building.

1.5 WARRANTY

A. Lifetime unconditional guarantee on glass backboards against breakage.

PART 2 - PRODUCTS

2.1 COMPONENTS

A. Backboards:
   1. Provide with aluminum frame and Fast Track padding, standard front mount rim, and Supernet. Rim shall bear on frame, not on backboard. Mounting bolts shall not protrude on the face side of backboard.
2. 1/2 inch 13 mm minimum tempered glass, 42 by 72 inch 1050 by 1800 mm rectangular.
3. Quality Standard: Model No. 64-SW by ADP Lemco.
4. 1/2 inch 13 mm minimum tempered glass, 40 by 54 inch 1000 by 1350 mm rectangular.

B. Electric Winch And Electrical Accessories:
1. Worm gear type. Worm shaft shall turn in sealed, precision bearings. Worm and gear shall run in sealed oil bath.
2. Motor: 60 cycle, 115 volt, single phase with thermal overload protection. Motor shall be instantly-reversing, or motor controls will cause pause in operation between movements in either direction.
3. Key Switch: 22 mm, three position, spring return to center, high security key operated switch with cover plate.
4. Rocker Arm Switch: Momentary contact, three-position, spring return to center, toggle type switch equal to Pass & Seymour p/n 1251-I.
5. Limit Switch: Supply winch with integral pre-wired limit switches to automatically stop standard in up or down position.

C. Supports, Bracing, Drop Pipes, Sheaves, Etc.
1. Single Pole Design:
   a. Frame shall be rear fold, rear brace unit of single pole design supported adequately to hold backboard in rigid position.
   b. Frame shall be forward fold, forward brace unit of single pole design, supported adequately to hold backboard in rigid position.
   c. When folded, unit will be close to ceiling and will clear folding partition headers and equipment attached to them
   d. Pole Size:
      1) 3-1/2 inch 89 mm diameter minimum.
      2) 6-5/8 inch 168 mm diameter minimum.
   e. Finish: Factory painted with one coat primer minimum.
   f. Security strap from structural support to center post and backboard bracket and frame. Strap to be clutch operated with automatic reset.
   g. Quality Standard: Series 1312 Compak-Fold by ADP Lemco

2.2 MANUFACTURER

A. Category Two Approved Manufacturer. See Section 01 6000 for definitions of Categories.