

SECTION 264315 - SCOREKEEPING SYSTEM**PART 1 GENERAL****1.1 SECTION INCLUDES**

- A. Scoreboard and accessories.

1.2 QUALITY ASSURANCE

- A. NFPA - National Electrical Code
- B. Underwriters Laboratory
- C. Basketball scoreboard shall be ETL listed, and be remotely operated via two-wire shielded cable from control point(s). Scoreboard shall display the following information: minutes, seconds and score for two teams as well as Period. Bonus and Double Bonus indicators for each team with Possession indicator on the top section; Team Fouls for two teams and Personal Fouls with Player Number alternating as a Time Advantage clock on the bottom section and side mount statistics display showing player stats
- D. Provide with changeable captions for volleyball and wrestling on the bottom selection.
- E. Game Clock shall have a lit colon or decimal to indicate display of either minutes and seconds or seconds and tenths of seconds.
- F. Equipment to be solid-state electronic technology.

PART 2 PRODUCTS**2.1 MATERIALS**

- A. Unit to score volleyball, basketball, and wrestling.
- B. Wall mounted unit.
- C. Tenth of a second timing for last 50 seconds.
- D. Control console for each board installed.

2.2 SCOREBOARD

- A. Shall be Daktronics BB-2153 and two SD-2103/SD-3103 side mount player fouls and points, and the ALL Sport 5000 controller or approved equal by Nevco or Fair Play to this specification. Provide one (1) unit of this model in the gym.
- B. Overall cabinet size shall be 6 feet in height by 8 feet in length by 6 inches in depth including mounting brackets and constructed of aluminum. Cabinet color shall be as

selected from manufacturers standard colors with selected appropriate trim colors. Cabinet to be shipped assembled and constructed for wall mounting. Approximate weight shall be 101 lbs.

- C. Display digit shall be made up of seven bar-type segments evenly illuminated by epoxy encapsulated LEDs. Digits shall be colored amber for game clock; red and green for other information and protected by an acrylic faceplate. Digit colors shall be determined exclusively by LED light to maximize color saturation. Non-illuminated areas on faceplate shall be screened with black, non-reflective paint to provide maximum contrast.
- D. Digit height to be 12 inches for game clock and team scores and 10 inches for other display information. Game clock shall have a display capacity up to "99:59", team scores to "199", period to "9", personal fouls to "9", player number (or Time Advantage Clock) to "99". Bonus or Double Bonus shall be indicated by two arrows for each team.
- E. Captions shall be adhesive backed white vinyl permanently attached to the cabinet as follows: Home and Visitor 6 inches high; Bonus, Period, Fouls and Player 4 inches high and Possession 3 inches high. Changeable captions for volleyball and wrestling shall be the same vinyl on aluminum plaques and shall be 4 inches high.
- F. Electronics to be packaged in a low voltage, plug-in-processor.
- G. Power to be 120 watts maximum 120 VAC, 60 Hz.
- H. Provide a electronic horn rated at 100dB @ 10'0".

2.3 CONTROL

- A. Shall be All Sport 5000 with carrying case.
- B. Furnished with Hand switch for use when Time Advantage Clock is utilized.

2.4 WIRELESS CONTROL CABLE

- A. Control shall be via Wireless communications.

2.5 WARRANTY

- A. Warranty shall be for 5 years

2.6 ADDITIONAL EQUIPMENT

- A. Provide one duplicate Control units allowing independent operation of a two scoreboard system and providing a backup unit.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Provide console control outlet in spectator bleachers.
- B. Install scoreboards in accordance with manufacturers instructions and recommendations.

END OF SECTION 264315

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