

**Request for Bids:
Scoreboards for Spaulding High School Gymnasium**

The Rochester School District is seeking proposals for Scoreboards for Spaulding High School Gymnasium. Bids will be accepted until 12:00 noon EST on Wednesday, February 8, 2017. The bids will be opened publicly and read aloud at that time.

Bids shall be submitted to Michael Hopkins, Superintendent of Schools, Rochester School Department, 150 Wakefield Street, Suite 8, Rochester, New Hampshire 03867. Bids must be submitted in sealed envelopes plainly marked **BID: SCOREBOARDS for SHS**. Failure to properly mark the envelope will result in disqualification of the bid should it be prematurely opened..

Specifications with required Bid Form may be obtained at no cost from the Superintendent of Schools Office or on the District website at <http://www.rochesterschools.com/SAU/bids/bids.html>.

All bid proposals must be made on the bid proposal form supplied and the bid proposal form must be fully completed when submitted.

Bid Specifications for Spaulding High School Gym Scoreboards (2)

Spaulding High School athletic department is seeking proposals for two (2) new scoreboards to be installed at the Spaulding High School gymnasium. Scoreboards will be of the following specifications:

Required Features:

- *6x8 with red boarder stripe*
- *Team name Red Raiders instead of home*
- *Corner logo panels quantity (2) for each scoreboard 4 total*
- *Wired control with carrying case*
- *Removal and disposal of existing boards*
- *Mount and level new scoreboards in same location as existing*
- *Connect to existing cable and power*
- *Test of all functions*
- *Provide on-site owner training*

Specifications shall meet or exceed the listed the specifications.

Wherever a specific product is specified by brand name and term “or equal” appears in these specifications, it shall be the vendor’s responsibility to establish through objective independent performance reports that the proposed product will perform with the same reliability as the specified product.

Required standard features and equipment:

SECTION INCLUDES:

- A. Indoor single-sided LED Basketball, Volleyball and Wrestling scoreboard with control center.

REFERENCES

- A. Standard for Electric Signs, UL-48
- B. Standard for Control Centers for Changing Message Type Signs, UL-1433, 1st Edition
- C. Federal Communications Commission Regulation Part 15
- D. National Electric Code

SUBMITTALS

- A. Product Details: Submit literature for manufacturer scoreboard, control and accessories as specified.
- B. Specification Drawings: Submit face layout, dimensions, electrical wiring diagrams, structural support and mounting.
- C. Resources: Submit manufacturer installation instructions and operation manual.

PROVISIONS

- A. Shall verify mounting structure is secured and cured.
- B. Shall verify location of scoreboard equipment and structure is prepared for installation, as specified.
- C. Shall verify mounting structure is able to support the scoreboard and accessories weight and wind load. Mounting structure is the responsibility of the Architect, unless otherwise specified.

D. Shall confirm conduit locations, number of conduit run and termination of conduit.

QUALITY ASSURANCE

- A. For indoor use only.
- B. Source Limitations: Provide scoreboard and components through one source from a single manufacturer.
- C. Scoreboard designed for indoor use.
- D. Shall be ETL listed for UL Standards 48 and 1433
- E. Shall be FCC compliant
- F. Shall be NEC compliant

WARRANTY AND SERVICE PLAN

- A. Guaranteed for a period of five (5) years against any defects in materials.
- B. Warranty does not cover unauthorized repairs or modifications, abuse, neglect, acts of God, exceptionally high or low voltage, and/or improper grounding, installation, operation or shipment to the factory.

PRODUCT OVERVIEW

- A. Basketball Scoreboard with control scoring console for basketball, volleyball and wrestling.

Scoreboard shall have the following displays:

- 99:59 Minute Clock/timer
- Home and Visitor Scores
- FOULS for Home and Visitor
- PLAYER FOULS
- WON GAME-WON for Volleyball Scoring
- PERIOD
- Possession Indicators
- Double Bonus Indicators
- **Team Name in place of HOME**

General Information

1. Power requirements: 294 VA,120 VAC
2. Shall have a Premium Polyurethane Finish
3. Select from stock colors or match scarlet red
4. Shall have a deluxe game horn rated at 100 dB @ 10'0"
5. Shall have Border Trim and Clock Striping
6. Scoreboards functionality shall include:
 - 99:59 Minute Clock counts down
 - Segment Timer capable
 - Home and Visitor scores 0-199
 - Period 1-4
 - Preprogrammable Double Bonus indicators
 - Possession indicators
 - Team fouls 0-99

- Time-Out Timer displays time remaining
- User selectable 1/10 or 1/100 second displays in last minute of a period
- Automatic clock reset and period advance
- Automatic Quarter reset
- Automatic Substitution feature
- Programmable Celebration Flash Feature
- Instant reset and posting for all digits

Construction

1. Scoreboard face: 22g galvanized steel with premium polyurethane finish
2. Scoreboard back: 24g galvanized steel
3. Digit face plate: 0.125 acrylic clear sheet

Digits

1. All LEDs shall be covered with 1/8 shields to protect and absorb impacts
2. Shall be a combination of red and amber LED digits
3. Shall be rated 100,000 hours of use
4. Shall be 8-segment solid stroke design
5. All LED digits shall be individually serviceable from the front of the scoreboard cabinet
6. Scoreboard assembly shall include eighteen (18) numeric LED digits, four (4) B's for bonus and double bonus, two (2) arrows for possession.
7. Digit sets shall have:
 - LED digit technology
 - 14" (36 cm) high – Clock and team scores
Shall include 164 LEDs per digit
 - 9" (23 cm) high – Team fouls (won), Player Number (Game), Player Fouls and Period
Shall include 108 LEDs per digit

Captions

1. HOME and VISITOR shall be 6" high (15 cm)
2. Team fouls, player number and player fouls shall be 4" high (10 cm)
3. Games won, Game number and Period shall be 3" high (8 cm)
4. Captions shall be 3M brand 220 High Performance Vinyl applied directly to scoreboard face

CONTROL SCORING CONSOLE

1. Control shall be an MSX controller.
2. Controller functionality shall include:
 - Easy set up for 15 different sports
 - Changeable key pad inserts for other sports
 - Memory backup to retain configurations and eliminate data loss
 - Durable, lockable rugged waterproof carry case
 - A ten (10) foot (3 m) low voltage data cable cord that connects to control receptacle junction box and shall unplug and store inside the carrying case
 - Does NOT require hazardous 120 VAC electrical power

3. Easy Programming:
 - Tenth of a second timing to allow more accurate timing during last minute of play. Track timing interface displays track-timing information from automatic-timing systems on football scoreboard
4. Connection Options:
 - Direct wire, powered through control cable
 - Radio
 - Battery operation with radio - fully autonomous

Verification

1. Confirm the mounting structure is completely cured and prepared for scoreboard. Verify plans and specification drawings are in accordance with manufacturer's instructions and approved drawings.

Installation

1. Confirm scoreboard location. Verify electrical requirements have proper power source.
2. Confirm conduit and wiring are in place to be routed to scoreboard and accessories as shown on electrical plans by the Electrical Contractor. The contractor assigned the scoreboard equipment shall be responsible for all routing of conduit and wiring.
3. Secure scoreboard and confirm accessories are level and plumb with brackets and fasteners.
4. Test scoreboards and accessories to ensure all operations performing accurately.
5. Clean and touch-up any exposed areas.

All bid proposals must be submitted on the Bid Proposal Form, fully completed.

For more information, contact Mr. Michael Hopkins at the Rochester Superintendent's office, (603) 332-3678.

BID FORM
Scoreboards for Spaulding High School Gymnasium

Company Name: _____

Phone #: _____ Fax #: _____

Address: _____

Contact Person: _____

E-mail: _____

Total bid price: \$ _____

Additional information or options included:

The Rochester School Board reserves the right to reject any or all of the bids received and to waive any informality in the bidding. No bid shall be withdrawn for a period of thirty (30) days subsequent to the opening of bids without the consent of the Owner. The awarding of this bid is contingent on funding and approval from the Rochester School Board.