SECTION 11 6500

### **PART 1 GENERAL**

* 1. RELATED WORK

Review Contract Documents for requirements that affect work of this section. Specification sections that directly relate to work of this section include, but are not limited to:

        Section 33 3000 – Site Improvements

Section 32 1826 - Synthetic Grass Surfacing

        Section 32 1822 – Synthetic Athletic & Sports Surfacing

        Section 12 9300 – Site Furnishings

        Section 03 3000 – Cast-in-Place Concrete

Section 11 6500 – Athletic & Recreational Equipment

1.02 SUBMITTALS

A. Product Data: Submit manufacturer’s product literature, technical specifications, and other data required to demonstrate compliance with specified requirements for all athletic equipment.

1.03 QUALITY ASSURANCE

A. Fabrication and installation of site improvements by experienced craftsmen with excellent record of performance on completed projects of comparable size, scope, and quality.

 B. All materials, hardware and furnishings shall be new, first quality.

1.04 FIELD MEASUREMENTS

A. Contractor shall verify position and layout of all athletic field equipment. Verify dimensions by field measurements.

* 1. SYSTEM DESCRIPTION

A. Double Baseball Batting Cage System consisting of (2) 12’H x 14’W x 70’L cages with 8.625” diameter structural steel poles and STRYK-5388 rust inhibitive black coating. Cable System comprised of 3/16” galvanized steel aircraft cable. Net shall be #42 HDPE knotted baseball netting manufactured into a batting cage with 1-7/8” by 1.7/8” openings.

### **PART 2 PRODUCTS**

**2.01 BASEBALL BATTING CAGE SYSTEM**

A. Base: **Model #SEDBBC-01** PowerHouse Cage by:

SportsEdge®

P.O. Box 837

259 Murdock Rd.

Troutman, NC 28166

P: 800-334-6057

info@sportsedge.com

www.sportsedge.com

B. COMPONENTS

SUMMARY: Double Baseball Batting Cage System shall consist of (2) 11’H x 14’W x 70’L cages meeting the following criteria as a minimum standard:

**1. Structural Poles:**

a. 8.625" O.D. welded high tensile strength steel, .25” wall thickness with welded cap and integral lifting ring to prevent moisture from entering at the top and to ease the installation process.

b. Corrosion dipped, and finished with STRYK 5388 to form a solid coating bonded with the substrate, preventing corrosion.

**2. Cable and Tensioning System**

a. All hardware including nuts, bolts, washers, are to be hot-dipped galvanized.

b. Cable shall be 3/16” heavy duty galvanized steel cable. Cable tensioning must allow for adjustment of any given cable.

c. 5/8” x 36” Galvanized All-Thread (threaded rod)

d. Galvanized Threaded Thimble Eye Nuts

e. 5/8” x 14” Cast Oval eye Bolts

f. Galvanized Curved Washers

g. 5/8” Galvanized Nuts

h. 3/16” Cable Clamps

**3. Netting:** Net shall be #42 HDPE knotted baseball netting manufactured into a batting cage. Netting is assembled to every rope with a posilock stitch. Ropes shall be at every corner with a rib line on the top panel that is centered on the long dimension. A door on the short dimension at one end, three feet from corner.

 **Netting:**

a. #42 Knotted Netting with 1-7/8” by 1.7/8” Openings

b. Color: Black

c. Construction; 3 Strand, Z Twist primary into S Twist secondary

d. Tensile: #42 twine, 220 pounds of breaking strength

e. Anti UV Active Content: .02%

**Rope:**

a. Diameter: 5/16” Twisted HDPE

b. Tensile: 1430 pounds

c. Color: Black

**Hanging Twine:**

a. 210d/18 HDPE

b. Tensile: 109 pounds of breaking strength

c. Color: Black, twisted

**4. Accessories:**

a. ½ gallon STRYK-5388 touch up coating

### **PART 3 EXECUTION**

3.01 INSTALLATION OF EQUIPMENT

A. All athletic equipment shall be installed as recommended by manufacturer, and as indicated on the drawings.

END OF SECTION