SECTION 11 6500

**PART 1 – GENERAL**

1.01 SUMMARY

 A. This section may include, but is not limited to the following track & field equipment:

 1. Shot Put Ring

 2. Toe Board

 3. Discus Ring

 4. Discus Cage, Rear Entry

 5. Shot Cage

 6. Pole Vault Box / Cover

 7. Rubber Curb Long Jump Pit System w/ Pit Covers

 8. Take-Off Boards

 9. High Jump Landing System

 10. Pole Vault Landing System

 11. Lane Gates

B. Related Sections: 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 track and field equipment. Verify dimensions by field measurements.

**PART 2 – PRODUCTS**

2.01 MANUFACTURERS

A. Manufacturers and product selections named are provided to establish the minimum standard and shall comply with NFHS requirements. Equipment shall be as supplied by:

SportsEdge®

259 Murdock Rd.

Troutman, NC 28166

PH: 800-334-6057

info@sportsedge.com

www.sportsedge.com

2.02 TRACK AND FIELD EQUIPMENT

 General: Provide equipment complying with requirements in NFHS rule book.

 **A. Shot Put / Hammer Circle:**

1. Model # SE366, Aluminum Shot Circle consisting of:

1. Two sections of 1/4” x 3” extruded aluminum with welded bracing
2. bolt together to maintain form during in-ground installation
3. Hardware included
4. IAAF Certified
5. Meets NFHS and NCAA specifications

 **B. Toe Board:**

1. Model # SE363, Aluminum, for depressed concrete pad.

 **C. Discus Circle:**

1. 1. Model # SE367

1. Extruded aluminum with cross bracing
2. Two sections of 1/4” x 3” extruded aluminum with welded bracing
3. 2 piece bolt together unit to maintain form during in-ground installation
4. Hardware included
5. Meets NFHS and NCAA specifications

 **D. Discus Cage:**

1. Model # SE8021, High School Discus Cage with Rear Entry System. Net shall have a special cut out and extra section in the back to allow for safer and easier access to the throwing circle. The rear entry discus cage shall have the following attributes:

a. Main upright poles: (7) to be 2 7/8” O.D. round .203” thick wall 6063-T6 aluminum tube, b. Cable: vinyl coated net support cable to reduce net sag

c. Main Net: weather treated nylon, #42 knotless, 180 lb test, hinged net arms, at ground level to hold the net in place at the front of the cage.

d. Barrier Net: include additional 8’ tall barrier net #SE80212 for added safety.

e. Ground sleeve, 30" deep

 **E. Shot Cage:**

1. Model # SE805, High School, 4 main upright poles to be 2.5” Square 14ga. Steel powder coated White, 180 lb. test nylon weather treated netting, vinyl coated steel cable running throughout the top to reduce sag, net secured at ground level with (4) stakes, include 20” deep ground sleeves.

 **F. Pole Vault Box with Cover:**

 1. Vault Box Model SE502, fabricated from 5052-H32 Grade aluminum, (1/4”) .25” thick, folded to eliminate sharp edges. The box backstop is formed from (1/4”) .25” Aluminum plate welded to the sides and bottom with one continuous weld along the outside edge. Outer side wings to anchor into the encasement concrete.

2. Vault Box Lid Model SE50201, manufactured from (1/4”) .25” thick 6061-T6 aluminum plate, with two welded angle vertical supports to stiffen and support the lid the box.

 **G. Rubber Long Jump Pit Curb and Forming System**

A. BASE: Model #SEFLEXLJC3 by SportsEdge

B. COMPONENTS: Long Jump Pit Rubber Curb & Form System, shall be manufactured of 100% recycled rubber, and must meet the following criteria as the minimum standard:

 1. Rubber Long Jump Pit Curbs & Forms:

 a. 7.75”W x 10"H

 b. Manufactured of 100% recycled rubber
 c. Manufactured of 90% post-consumer content

 d. Pre-fabricated Corners

 e. 2.5”D x 2”W Built-In Ledge for Pit Cover Set

 f. 1.625”D x 2”W Built-In Ledge for Sand Catcher Grate & Mat

 2. Pit Cover Set

 a. Recessed top surface: 0.5” (13mm)

 b. Retractable handles

 c. Frame: All Aluminum, 2.375” - 2.5”D

 d. Panel Length: 9’ - 3 ½”

 3. Sand catcher components:

 a. Sand catchers: Poured in place concrete floor, 2500 PSI Min.

 b. Mat support: Galvanized steel or aluminum mesh bar grate

 c. Mat: Resilient rubber mesh style, UV resistant.

 4. Accessories:

 a. 18” Anchor Pins, Steel w/ welded cap, part # SEFLEXA18

 b. Beta Seal Adhesive, 11 oz., part # FLEXBST

 c. UV Top Coat - 4 Liter, part # SEFLEXTC

**H. Long Jump Take-Off Board System:**

 1. Adjustable Long Jump & Triple Jump Take-Off Board Systems: Model No. SE444

 a. Aluminum Tray: Constructed of 3/16” thick aluminum, formed and welded.

b. Aluminum Base Board: Constructed of 1/8” aluminum sheet (3003), formed to shape. All adjustment screws are stainless steel. The base board can be adjusted for level and height, using six adjustment screws, without removing the base board from the tray. There are four threaded fasteners for attaching the take-off board.

c. Wood Take-Off Board: Constructed of ¾” A/B marine grade plywood with a white outdoor enamel coating. There are four counter-sunk holes for mounting to the base board. The take-off board is finished on both sides so that it can be reversible.

 **I. High Jump Pad:**

1. Model # SE64111 Scholastic I High Jump Landing System with #SE6411102 Vinyl Weather Cover, having the following attributes:

a. 8’ x 10’ Preferred Landing Zone

b. 16’6” in back of the vault box.

c. Color: Royal blue vinyl and gray mesh

d. Specification Compliance: NFHS

e. Hook and loop box cut-out fastener.

f. Overall size: Overall size: 19’9” x 20’2” x 28”, overall metric size: 6.02m x 6.13m x 0.71m
 (3) Base units: 6’7” x 12’9” x 26”
 (2) Front Tri-slant units: 8’3” x 7’5” x 26” to 16”
 (1) Top Pad unit: 19’3” x 19’8” x 2”

 **J. Pole Vault Pit Pad:**

1. Model # SE65411 Scholastic I High Jump Landing System with #SE6541102 Vinyl Weather Cover, having the following attributes:

a. Hook and loop fastening system.

b. Color: Royal blue vinyl and gray mesh

c. Specification Compliance: NFHS

d. Overall size: 16’6” x 8’ x 26”, overall metric: 5.03m x 2.44m x 0.66m
 (3) Base Units: 5’6” x 8’ x 24”
 (1) Top Pad Unit: 16’ x 7’6” x 2”

 **K. Lane Gates:**

 1. Model # SE854, shall be aluminum, lift & rotate, locks in place, includes ground sleeves.

**PART 3 - EXECUTION**

3.03 INSTALLATION

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

-- END OF SECTION --