



January 6, 2011

**Abilene Independent School District
Shotwell Stadium Synthetic Turf Maintenance Project, 027,11-12
Abilene, Texas**

Addendum No. 2

Attention is called to the following modifications and additions to the referenced Plans, Specifications and Contract Documents for the above referenced project, on which bids are due by 2:00 p.m., Thursday, January 12, 2012.

1. **REPLACE**: Technical Specification 02731 – Page 2 with the attached.

This addendum consists of two (2) pages and becomes a part of the referenced plans and specifications and shall be acknowledged by the bidder and attached to the bid packet submitted.

A handwritten signature in black ink, appearing to read 'David Todd', written over a horizontal line.

David Todd, P.E. #45177
Project Manager



- 2. Sample Warranty.
- 3. Installation details.
- 4. Field layout and striping plans.

PART 2 PRODUCTS

2.1 MATERIALS:

A. Synthetic Turf System

- 1. The synthetic turf pile yarn shall consist of 100% polyethylene extended UV stabilized monofilament fibers. In every way, fibers shall be manufactured to look like, feel like, and play like real grass upon installation.
- 2. All components and installation methods shall be desinged for outside athletic use and be manufactured to be resistant to ultra-violet degradation, weather, insects, rot, mildew, fungus growth, heat, foot traffic wear under the use of athletic cleats up to ½-inch in length, air borne pollutants and have flow through drainage characteristics so water can flow through the subbase into the field drainage system.
- 3. The polyethylene pile yarn fibers in the synthetic turf system shall meet the following criteria;
 - a. Minimum Pile Weight (Polyethylene Yarn material only) 45 oz. per sq. yd. ASTM D 5848
 - b. Minimum Pile Length 2 1/4 inches ASTM D 418
 - c. Maximum Pile Length 2-1/2 inches ASTM D 418
 - d. Minimum Linear Denier 10,000 denier ASTM D 1577
 - e. Minimum Yarn Thickness 125 microns ASTM D 1777
- 4. The synthetic turf carpet backing shall be a multi layer, bi-directional, permeable manufacture and shall meet the following criteria:
 - a. **Maximum Tufting Gauge** ¼ inch **ASTM D 5973**
 - b. Minimum Grab Tear Strength (width) 200 lbs ASTM D 1682
 - c. Minimum Grab Tear Strength (length) 200 lbs ASTM D 1682
 - d. Minimum Tuft Bind 8.0 lbs ASTM D 1335
 - e. Minimum Total Backing Weight 25 oz. per sq yd ASTM D 5848
 - f. Primary Backing 7 oz. per sq yd ASTM D 5848