



OPP CITY SCHOOLS

May 13, 2025

The Opp City School District will receive **sealed bids** for all material, supplies and equipment necessary for the removal, haul off and disposal/recycling of the existing turf and the installation of a new synthetic turf field system at Opp High School. This bid request is for materials, supplies, equipment and labor. The size of the area is 80 feet x 124 feet +/- . Markings and line details to be approved by Mr. Ed Rigby, athletic director. **SEE ADDENDUM #1 for additional information and specifications.**

Sealed bids must be received by 2:00 pm on May 20, 2025, at the Opp City Board of Education located at 113 East Hart Avenue, Opp, AL 36467. **No faxed or emailed bids will be accepted.**

Alternate materials must meet or exceed the stated specifications and be approved in advance.

Please direct all questions to Mr. Bobby Baker, maintenance director at (334) 764-4900 or by email at bbaker@oppboe.com or Mr. Ed Rigby, athletic director at 850-776-2059 or by email at erigby@oppboe.com.

The awarded vendor must work with the Opp City Schools maintenance department to schedule the project installation before July 18, 2025.

Opp City Schools - Synthetic Turf Specifications

Bid Opening May 20, 2025 2:00 pm

YARN	5,040/1 (XP+);
DENSITY (DENIER)	5,400/16 (semi-TXI); 7,200/10 (TXI)
THICKNESS (MICRONS)	100 (XP+); 152 (semi-TXI); 145 (TXD)
MELTING POINT	128° C 1260° F
BREAKING STRENGTH	11 lbs/force (XP+); 20 lbs/force (semi-TXT); 20 lbs/force (TXT)
LEAD CONTENT (PPM)	< 100

PILE CONTENT	U.V. resistant bi-axial fiber, combined with monofilament flex yarns
(100% POLYETHYLENE YARN, BLEND OF DURABLE BI-AXIAL FIBER AND SEMI-TEXTURIZED AND TEXTURIZED MONOFILAMENT FIBERS)	
PRIMARY BACKING	7.5 oz/yd ² Backing (Double Layer Thiobac, black, U.V. stabilized, Layer 1: 100% PP, Layer 2: PET/PP blend)
SECONDARY BACKING	20 oz/yd ² Polyurethane coating with drainage holes
TOTAL WEIGHT	147.5 oz/yd ²
PILE HEIGHT	1 1/2 inch
FACE WEIGHT	120 oz/yd ²
MACHINE GAUGE	3/8 inch
SET UP	3 ends/needle
ROLL WIDTH	182 inch
WATER PERMEABILITY	64 inches/hour (unfilled)
TUFT BIND (ASTM D1335)	>91bs
GRAB TEAR (ASTM D5034)	274 lbs length, 395 lbs width
PILL FLAMMABILITY (ASTM D2859)	Pass

Warranty- must provide a 10 year written warranty. Markings and line details to be approved by Mr, Ed Rigby, athletic director.

Materials must meet or exceed the specifications and warranty of the following preferred product:

Reference to brand names and numbers is descriptive, but not restrictive, unless otherwise specified. Bids on equivalent items meeting the standards of quality thereby indicated will be considered, providing the bid clearly describes the article offered and indicates how it differs from the referenced brands.

Descriptive literature or manufacturer's specifications plus any supplements information necessary for comparison purposes should be submitted with the bid or the bid on that item may be rejected.

NONFILL TURF AND SHOCK PAD WITH STRUCTURAL BASE

SPECIFICATION AND SCOPE OF WORK

GENERAL SPECIFICATIONS – NONFILL TURF WITH COOLING ADDITIVE

SCOPE OF WORK:

Remove existing turf and replace with new turf system. Turf system shall include shock pad, artificial nonfill turf and cooling additive ballast as detailed below.

QUALIFICATIONS:

The CONTRACTOR must provide competent workmen skilled in artificial turf installation. The designated supervisory personnel on the project must be certified by the CONTRACTOR as competent in the installation of these components. The CONTRACTOR shall have a representative on site from the beginning of the project to the final acceptance of the project to certify that the installation meets their specifications and standards through removal of current system, excavation, installation of structural base and shock pad/drainage system, installation of the artificial turf, markings, and cooling additive.

Placement of all tufted lines and markings must conform to standards and rules of the appropriate state, national or international governing body, as specified by the owner.

POST BID SUBMITTALS:

Within seven days of bid opening and prior to the award of contract, the apparent low bidder shall submit the following.

The CONTRACTOR shall submit to the owner, for the owner's approval, the following items.

The CONTRACTOR shall submit manufacturer's catalog cuts, safety data sheets, (SDS), specifications, brochures and the sources of the fiber, backing, coating, cooling additive and shock pad.

The CONTRACTOR shall submit to the owner a 12" x 18" (minimum) sample of the exact synthetic grass to be provided.

The CONTRACTOR shall submit to the owner a 10" X 10" (minimum) sample of the exact shock pad/drainage blanket material to be provided.

The CONTRACTOR shall submit to the owner a 10" X 10" (minimum, if applicable) sample of the exact structural base system to be provided.

The CONTRACTOR shall submit a "one source warranty" for the following components.

1. Turf product with cooling additive including material, installation and labor: 12-years non-prorated.
2. Pad product including material, installation and labor: 25-years non prorated.
3. Structural Base including material, installation and labor: 25-years non prorated.

Before award of the contract, the apparent low bidding CONTRACTOR shall submit the following performance testing data for the SYSTEM submitted. Results of the applicable testing shall fall within FIFA Quality Range and all testing shall be performed by a FIFA accredited lab with a ISO17025 certification. All others shall meet the criteria outlined in these documents.

1. Shock Absorption: FIFA Test Method 04a
2. Vertical Deformation: FIFA Test Method 05a
3. Rotational Resistance: FIFA Test Method 06a
4. Vertical Ball Rebound: FIFA Test Method 01a
5. Pile height, face weight and total weight (not including cooling additive): ASTM D5848, minimum 127.5 oz.
6. Backing Weight: ASTM D5848, minimum 8 oz.
7. Tuft Bind: ASTM D1335, minimum 9 lbs.
8. Yarn Thickness: ASTM D1907
9. Yarn Denier: ASTM D1907
10. Machine Gauge: ASTM D5848, minimum 3/8"
11. Grab Tear Strength: ASTM D5034, minimum 270/390
12. Water Permeability: EN12616, greater than 60" per hour
13. Melting Point: ASTM D7138, greater than 250 degrees F
14. Lead Content: ASTM 6020B, less than 100
15. Head Injury Criterion: ASTM 3146 2018, Procedure A, less than 1000 at 1.3m
16. Gmax: ASTM F355-16, missile A, less than 100 initial
17. Resistance to Chemicals: ASTM F925, pass
18. Resistance to Bacteria: ASTM G22, pass
19. Resistance to Fungi: ASTM G21, pass
20. Pill Test: ASTM D2859, pass

After installation, onsite testing of the above criteria will be performed prior to issuance of the substantial completion certificate. All testing data on the "as built" will perform within these published guidelines. All post award and field testing will be included in the bid price.

The CONTRACTOR shall provide a written certification identifying the installing supervisor by name and experience and stating that the installing supervisor is authorized and qualified to install the provided turf product as well as make site-specific decisions throughout the project.

MATERIALS – ARTIFICIAL TURF:

The synthetic grass material shall be in accordance with the following:

The fiber shall be a maximum 1.25 inches tuft height and shall **NOT** be honeycomb fibrillated.

The tufted total weight (not including cooling additive) shall not be less than 127.5-ounces per square yard. The fiber shall be 100% polyethylene, (no polypropylene blend permitted, no nylon blend permitted), treated with UV inhibitor and shall be tufted at a yarn face weight of 100-ounces per square yard. The product shall include three yarns, in identical green pantones (unless alternating panels are specified then different green pantones will be acceptable), all tufted through one needle.

The three yarns shall include a texturized monofilament (micron 140-160), a non-texturized monofilament (micron 145—165) and a bi-axial yarn (micron 95-115). The gauge of the stitch line separation shall be no more than 3/8".

The synthetic grass backing shall be a multi-layer fabric (minimum 7.5 oz per square yard) incorporating a dimensionally stable primary backing.

OPP CITY SCHOOLS - SYNTHETIC TURF RFP - ADDENDUM #1

A secondary backing shall consist of an application of polyurethane, which is heat activated to permanently lock fiber tufts in place. The polyurethane backing shall be coated at a minimum application rate of 20-ounces per square yard. The backing shall be perforated. The synthetic grass shall be delivered in 15' or 12' wide rolls.

NOTE: The owner may randomly select a minimum 12" x 12" sample of the **DELIVERED** materials and independently test the sample for conformance to the material specifications. The cost of such testing shall be borne by the CONTRACTOR. At the request of the owner, the CONTRACTOR shall replace any materials, which, according to the testing, does not comply with the performance specifications delineated herein.

PHYSICAL PERFORMANCE CRITERIA FOR ARTIFICIAL TURF:

The synthetic grass system shall demonstrate by independent, certified laboratory testing:

A minimum average *Tuft-Bind* **without** cooling additive (ASTM D-1335) of 9 lbs.-force.

A minimum breaking strength (ASTM D-5034) of **270/390** (x and y direction) lbs.-force

An initial G-max (ASTM F-355-A) of 100, or less.

An Ultimate G-max of 125 shall be highest attainable G-max during the warranty period.

A Head Injury Criterion rating of 1.3 meters.

A permeability rating of greater than 60 inches per hour.

MATERIALS-ARTIFICIAL TURF APPROVED MANUFACTURERS

A) GeoSurfaces, St. Gabriel, LA
Phone: 877.663.5968

Approved Product: Pivot by Tencate

Or other approved equal

Turf products listed as approved, must meet the minimum physical requirements listed in the specifications.

PHYSICAL PERFORMANCE CRITERIA FOR SHOCK PAD:

- Panel size: Nominal 4' X 6'
- Panel thickness: minimum 20mm
- Panel thickness tolerance: +/- 2 mm
- Material: Expanded Polypropylene
- Vertical deformation (with turf in place): 4mm to 11mm
- Maximum G-Max (with turf in place): 135 will be the highest allowable G-Max for the life of the warranty.
- Material must be offered in solid core or perforated
- Material must not absorb water
- Material must be fungi and bacteria resistant
- Minimum vertical drainage rate of 100 inches per hour (perforated)
- Minimum horizontal drainage rate of 50 inches per hour (solid core)
- Open cell foams will not be considered equal
- Cross link foams will not be considered equal
- Must be virgin product of singular form

OPP CITY SCHOOLS - SYNTHETIC TURF RFP - ADDENDUM #1

- No urethane binders or other adhesives are allowed in the shock pad product

MATERIALS-SHOCK PAD/DRAINAGE BLANKET APPROVED MANUFACTURERS

A) Brock International, Boulder, Colorado
Phone: 303.544.5800

Approved Product: Brock Power Base YSR

B) GeoSurfaces, Inc., St. Gabriel, LA
Phone: 877.663.5968

Approved Product: GeoFlo+

Or other approved equal

PERMANENT MARKINGS

24-5 yd lines to be cut in by contractor.

Tackle box hash marks between the 24-5 yd lines to be cut in by contractor.

COOLING ADDITIVE MATERIAL:

The material shall consist of a non-compacting specifically graded, dust free, naturally occurring substance. These materials shall be as designated by the CONTRACTOR and delivered to the job site in appropriate containers. The application shall consist of 3.5 lbs. per square foot cooling additive. Cooling additive must be natural, non-silica and not organic. Additive must be invisible after installation and must have a specific gravity of more than 2.5.

NO PERFORMANCE INFILLS SHALL BE ACCEPTED. A material that impacts foot feel, foot action, ball bounce, ball action or is visible after installation will not be approved.

MATERIALS-COOLING ADDITIVE APPROVED MANUFACTURERS

A) GeoSurfaces, Inc., St. Gabriel, LA
Phone: 877.663.5968

Approved Product: GeoCool Natural Cooling Additive

Or other approved equal

SECTION 2: EXECUTION

SHOCK PAD/DRAINAGE BLANKET INSTALLATION:

The installation of the shock pad shall continue over the entire area to be covered with artificial turf. The shock pad/drainage blanket shall be installed per manufacturer recommendations. All seams shall be sufficiently tight to leave no gaps or irregularities that could reflect through the synthetic grass surface; however, care should be taken to maintain the necessary separation to allow for thermal expansion.

ARTIFICIAL TURF INSTALLATION:

The turf rolls are to be installed directly over the properly prepared structural base and horizontally draining shock pad system. The full width rolls shall be laid out across the field. Utilizing standard state-of-the-art bonding procedures, each roll shall be attached to the next.

Immediately after brushing the completely installed artificial turf with a motorized rotary nylon broom, the colling additive material shall be spread evenly by using a drop spreader (minimum 4 foot wide), in multiple applications, **each no more than 10% of the total application**, at a uniform rate. Between applications, and just prior and after installing the cooling additive, the area shall be brushed with the motorized broom. Cooling additive must be invisible after installation.

SECTION 3: PROJECT CLOSEOUT

MAINTENANCE EQUIPMENT

The CONTRACTOR shall supply a Greens Groomer LitterKat maintenance machine including the magnetic bar attachment.

MAINTENANCE MANUAL

The CONTRACTOR shall supply a comprehensive maintenance manual, outlining the proper care and maintenance procedures for the artificial turf system.



OPP CITY SCHOOLS

Official Bid Submission

Vendor Name: _____

Vendor Signature: _____

Bid Amount Valid Until: _____

Specifications:

Total Bid Amount: _____

This Bidder is a:

_____ **Women-owned business**

(Company shall be 51% or more women- owned, controlled, and operated)

_____ **Minority-owned business**

(Company shall be 51% or more minority owned, controlled, and operated)

Bid Award

Award will be made to the responsible bidder offering a proposal that is deemed the most acceptable and advantageous to the Opp City Board of Education. The Board has the right to reject any and all bids.

License

Contractor must provide a copy of their business license and a completed W9 before work starts.

Warranty

Workmanship will be warranted by the contractor for a period of 10 years from the date of the completion of the project.

Coordination of Work

All work will be scheduled with Bobby Baker, Maintenance Supervisor for Opp City Schools at 334-764-4900 or Ed Rigby, Athletic Director at 850-776-1059. Work areas shall be kept tidy with debris being removed at the end of each day.

Invoicing/Payment

Invoices must be submitted to Bobby Baker, Maintenance Supervisor for approval. Invoices should include Opp City Schools purchase order number. Payments are generally made twice a month, usually on the 10th and the 23rd.

Discrepancies

Should a bidder find discrepancies in or omissions from the specifications or should be in doubt as to their meaning, the bidder should notify the Opp City Board of Education at 334-493-3173 who will send written instructions to all bidders. No oral instructions will be given.

Cancellation

The Opp City Board of Education reserves the right to cancel this contract at its convenience with or without cause as determined by the Superintendent or his designee for lack of funding or any other reason deemed appropriate. If the contract is canceled, the contractor will be given a 10-day written notice.

Addendum

Any addendum issued during the time of bidding are to be covered in the proposal and will become a part of the contract.

E-Verify

Alabama law requires that, as a condition for the award of a contract by a school board to a business entity or employer with one or more employees working in Alabama, the business entity or employer must provide documentation of enrollment in the E-Verify program. For the duration of the contract, the contractor shall participate in the E-Verify program and shall verify every employee that is required to be verified according to the applicable federal rules and regulations. The contractor's E-Verify Memorandum of Understanding must be included with the bid. If you do not believe these requirements are applicable to your entity, include an explanation justifying such exemption. An entity can obtain the E-Verify Memorandum of Understanding upon completion in the E-Verify enrollment process located at the federal web site www.uscis.gov/everify. The Department of Homeland Security has established an E-Verify employer agent account for any business entity or employer with 25 or fewer employees that will provide a participating business entity or employer with the required documentation of enrollment in the E-Verify program. An Employer Identification Number, also known as a Federal Tax Identification Number, is required to enroll in E-Verify.

Hold Harmless

The contractor further agrees to indemnify and hold harmless the Board, from all liability loss, cost, damage, expenses or other obligations, including reasonable attorney's fees which may result from injury to or death of the Contractor's employees, agents and servants arising out of Contractor's obligations contained herein. The contractor further agrees to indemnify and hold harmless the Board from all fines, suits, claims, demands or actions of any kind or nature, by reason of the Contractor's actions associated with this agreement.

Insurance

The contractor shall provide, at the company's own expense, insurance as described below. Successful bidder shall provide a copy of Certificate of Insurance naming the School Board as an additional insured prior to starting work. Minimums included shall be:

- A. Worker's Compensation-per Alabama statutes.
- B. Comprehensive General Liability.
- C. Bodily Injury (including death) \$1,000,000 per person, \$1,000,000 per occurrence.
- D. Property Damage \$1,000,000 each occurrence, \$1,000,000 per occurrence.
- E. Automobile liability insurance, in such form and amounts as required by State Law.

Contract Provisions

Contractor acknowledges and agrees to fully comply with all provisions of the federal Davis Bacon Act as outlined in attachment A.

Instructions For Bidders

Bids must be written or typed on the official bid document included in this invitation and signed by an authorized company official.

- 1. Mail or hand deliver sealed bid to the address on the Invitation to Bid. Mailed bids arriving late will not be considered. Faxed bids will not be considered.**
- 2. Bids must be submitted in a sealed envelope marked "Synthetic Turf System - Opp High School".**
- 3. Bids must be in the Board office by the date and time shown on the Invitation to Bid. Late bids will not be accepted.**
- 4. The Board is exempt from sales tax.**

Terms & Conditions

Contractor agrees in no event shall the Board or any of its officers, employees, agents, or servants be liable to the Contractor or Vendor for any direct or indirect, special, consequential, or incidental damages or lost profits or punitive damages, arising out of or related to this bid document, or to the performance of or breach of any provision hereof.

The Opp City Board of Education reserves the right to conduct at their expense a criminal history background check.

The Contractor, including without limitation its laborers and employees, shall not fraternize or otherwise communicate with students, staff, or public, except in cases of safety and like necessities.

The Contractor shall not allow any laborer or employee to wear objectionable clothing or caps (as determined by the district's on-site personnel in their sole discretion), or use profanity in any manner while on District property.

No person shall possess, use, or be under the influence of any tobacco products, alcohol, or any illegal or controlled substance while on any school district property.

No person shall possess firearms or deadly weapons of any type on school Board property.

Sealed bids will be received until 2:00 pm on May 20, 2025 at which time bids will be opened publicly at the Opp City Board of Education located at 113 East Hart Avenue, Opp, AL 36467. Bids should be submitted in an envelope plainly marked "Synthetic Turf System -Opp High School."

The Board of Education reserves the right to reject any or all bids.