

Jefferson R-7 School District

Jefferson R-7 Turf Replacement

Proposal Due Date: 9:00 AM CST on February 22, 2021

Return Proposal to:

Jefferson R-7 School District

Attn: Clint Johnston

1250 Dooling Hollow Rd

Festus, MO 63028

Central Office located in Danby Middle School

Contacts:

Clint Johnston Superintendent

Instructions

Proposals will be received until 9:00 AM on February 22, 2021, for furnishing all labor and material for all improvements as shown within the specifications. All proposals must be sealed and marked as follows: Due to CO-Vid restrictions bids will not be publicly opened and all bidders will be notified of the result by 3 PM February 22, 2021.

“Jefferson R-7 Buy Board Turf Replacement Project”
Attn: Clint Johnston

It is the responsibility of the offeror (hereafter sometimes “bidder”, “vendor” or “contractor”) to ensure timely delivery of the bid. Any bid received after the said bid closing time will be returned unopened. Electronic or facsimile bids will not be considered. Incomplete or unsigned proposals will be considered non-responsive and will be rejected.

All questions must be received in writing by noon on February 19, 2021. Questions will be answered through addendum at 3PM February 19, 2021.

Jefferson R-7 School District reserves the right to reject any and all bids. The owner is not liable for any cost incurred by the vendor in the preparation or production of its bid, or for any work performed prior to the issuance of a valid contract under State Law.

Jefferson R-7 School District will not be accepting phone calls or visits from bidders of any kind after bid opening. If the owner has any questions regarding bids, they will contact the bidder direct.

Bid Form

Only bids on the provided bid forms will be accepted. No modifications shall be made to this bid form.

Contractor is required complete all documents and price all line items. Failure to complete documents may result in automatic rejection of bid. The owner has the right to reject any and all bids and except any abnormality as they see fit. Voluntary alternates will not be accepted. Any volunteer alternate bid submitted may lead to immediate disqualification of the bidder.

Name of Bidder:		
(Circle One)		
Proprietorship	Partnership	Corporation
Authorized Signature:		Date:
Printed Name:		Title:
Address (Street):		Address (City, State, Zip Code):
Phone #:	Fax #:	Email Address:

The undersigned acknowledges the receipt of the follow Addenda:

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

Bid Form (continued)

Base Bid:

The undersigned bidder agrees to perform all work required as shown and indicated in the Contract Documents for the sum of:

\$ _____

\$ _____ Dollars

Amounts shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.

Synthetic Turf System included in Base Bid: _____

Alternate Bids: (As Specified)

- 1. Mid-Field Logo \$ _____
- 2. Colored End Zones and Letters \$ _____
- 3. Coaches and Players Boxes \$ _____
- 4. Brock SP14XL Shock Pad \$ _____
- 5. Schmitz ProPlay 20 Shock Pad \$ _____
- 6. 10-Year Warranty \$ _____

Unit Prices: (As Specified)

- 1. Treated Nailer Removal & Replacement \$ _____ Per Liner Foot (LF)

Authorized Signature: _____
Printed Name & Title: _____
Date: _____

Construction Schedule Form

Submit a signed copy of this document with the bid. The Contractor shall agree to construction start and completion dates, per the attached Construction Schedule, for the work which is being bid.

Construction Schedule:

Item	Description / Scope of Work	Date
1	Bid Date	February 22, 2021
3	Board of Education Approval	February 23, 2021
4	Notice to Proceed	February 23, 2021
5	Mobilization Construction Start	February 24, 2021
6	Substantial Completion	March 30, 2021
7	Final Completion	April 2, 2021

Liquidated Damages:

Liquidated damages will be assessed at the rate of \$1,000.00 per day for each calendar day beyond final completion date as stated above. Any missed events that are missed due to the project not being completed on time will incur a financial penalty of \$5,000.00 per event day.

Authorized Signature:

Printed Name & Title:

Date:

Synthetic Turf Product Form

Synthetic Turf Product: _____

Turf Product Type: _____

Infill System: _____

Oldest field still in use that meets performance and safety standards

Field: _____ Date Installed: _____

Owner Representative: _____
(name) (Phone Number)

Product Testing			
ASTM Test Method	Test Description	Unit(s)	Test Result
D-5823	Pile Height (Nominal)	In.	
D-5848	Face Weight	Oz/yd ²	
D-5848	Total Fabric Weight	Oz/yd ²	
D-5848	Primary Backing Weight	Oz/yd ²	
D-5848	Secondary Coating Weight	Oz/yd ²	
D-1335	Tuft Bind	Lbs.	
D-2256	Grab Tear Strength Average	Lbs.	
D-2765	Lead Content	Ppm	
D-1577	Total Yarn Linear Density (Yarn 1)	Denier	
D-5034	Tensile Strength	Lbs.	
D-5793	Stitch Rate	Per 3"	
D-5793	Machine Gauge	In.	
F-1551	Water Permeability w/ infill	In./Hr.	
D-3218	Fiber Thickness	Microns	

Authorized Signature: _____
Printed Name & Title: _____
Date: _____

State Bid Clause

STATE OF _____)

COUNTY OF _____)

_____, being first duly sworn, deposes and says:

That he or she is (an owner, partner or officer, etc.) of the firm of:

(Company Name Here)

Above Bidder hereby certifies: A) that this bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm, or corporation; B) that Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; C) that Bidder has not solicited or induced any person, firm, or corporation to refrain from bidding; and D) that bidder has not sought by collusion to obtain any advantage over the bidder or over the Owner.

Non-resident Corporation certified by submittal of this document that the corporation has complied with all of the State Codes and Bidding laws.

<p>Authorized Signature:</p> <p>_____</p> <p>Printed Name & Title:</p> <p>_____</p> <p>Date:</p> <p>_____</p>

Subscribed and sworn to before me this ___ day of _____ 20__

My commission expires _____

Gmax Guarantee Form

Below, please fill out bidder's guaranteed Gmax for each year numbers 1 – 8. Bidder agrees to perform independent Gmax testing at the end of each year. A maximum Gmax rating for any year cannot exceed 145. If Gmax exceeds this amount, bidder shall, at its cost, remove and reinstall all infill. During this process, the bidder may recycle existing infill unless they feel it is defective. If at any time during the warranty period, the Gmax fails more than once, bidder shall remove all infill and reinstall with brand new infill at their cost. If bidders product cannot meet the maximum Gmax of 145 during lifetime of product, they shall include a shock pad as part of their system.

GMAX Guarantee:

Year 1 maximum Gmax: _____

Year 2 maximum Gmax: _____

Year 3 maximum Gmax: _____

Year 4 maximum Gmax: _____

Year 5 maximum Gmax: _____

Year 6 maximum Gmax: _____

Year 7 maximum Gmax: _____

Year 8 maximum Gmax: _____

Authorized Signature: _____
Printed Name & Title: _____
Date: _____

Warranty Form

Submit a signed copy of this document with the bid. The Contractor must state they are providing or not providing the following warranties.

Item	Warranties	Yes/No
1	8- Year turf warranty from Contractor	
3	8- Year turf warranty from manufacture	
4	8- Year 3 rd Party Pre Paid warranty	
5	8- Year Sub base warranty	

Authorized Signature: _____
Printed Name & Title: _____
Date: _____

Field Reference Form

Fields shall be listed by date newest to oldest with at least one meeting a requirement of 1 year of use, 5 years of use, 10 years of use.

Any fields older than 10 years should be listed for district consideration and review

Fields 1 year Project Name and Location:

1. _____
2. _____
3. _____
4. _____
5. _____

Fields 5 years Project Name and Location:

1. _____
2. _____
3. _____
4. _____
5. _____

Fields 10 years Project Name and Location:

1. _____
2. _____
3. _____
4. _____
5. _____

Fields Older 10 years Project Name and Location List:

1. _____
2. _____
3. _____

Base Bid Scope of Work:

- **This is a Buy Board proposal www.buyboard.com only vendors with current contracts in good standing with the Buy Board should submit proposals.**
- Site Address: 1250 Dooling Hollow Rd. Festus, MO 63028
- Site Existing Conditions: The site is an existing stadium, asphalt parking lots and completed landscaping, the contractor must take all precautions to prevent damage. Any damage that occurs will be the contractor's responsibility to repair at no additional cost.
- Upon award of bid, bidder shall furnish bonds covering faithful performance of the work provided and payment obligations arising there under. Bonds will come from a surety company with an A+ best rating and licensed in all states.
- Upon award of bid, the bidder shall furnish to the owner evidence of Insurance in forms and amounts acceptable to Owner.
- Prime Contractor Qualification:
 - Prime contractor must specialize in sports facilities construction with over 10 years of experience building synthetic turf fields, all-weather tracks, and sports stadiums.
 - Prime contractor shall be a standing member with the ASBA for over 10 years and have a current CFB-S (Certified Field Builder - Synthetic) certification.
 - Prime contractor must have completed a minimum of 25 turf field projects within 150 miles of the project's location.
 - Primer contractor must provide an on-site superintendent with a minimum of 25 turf field projects within 150 miles of the project's location.
 - Provide list of fields with bid documents so District may visit locations
 - Fields shall be listed by date newest to oldest with at least one meeting a requirement of 1 year of use, 5 years of use, 10 years of use and 15 years of use.
- It is the bidders' responsibility to visit the site prior to bidding. No change orders will be approved, and no additional costs will be paid to the successful bidder should they fail to include anything that maybe required for this to be a fully functional sports stadium.
- The project scope of work may or may not include all work necessary to complete project. It is each bidder's responsibility to review the entire set of bid documents and visit the site to determine the scope of work. This is to be a turnkey project and all bidders should include all costs necessary to complete the project.
- Bidders are required to comply with all other public works related requirements including OSHA construction training, drug testing, background checks for all personnel visiting the site, E-Verify compliance, Buy American and equal employment opportunity commitments
- All paper work associated must be properly posted on site as outline by state and Federal law
- All bids must be prevailing wage using the most current wage order
- Provide shop drawings
- Conduct pre-construction meeting.
- Provide dumpsters, porta restrooms and construction fencing as needed.
- Provide proper active school, secure and safe site action plan.
- Provide on-site supervision of all staging area, materials, and equipment.
- Inspect quality of work.

- Conduct final walk thru with owner.

Scope of Work for DZone Construction:

- Build a track bridge to protect track. Contractor will be responsible for any damage to the track
- Excavate grass areas in both End Zone areas approx. 9,800 square feet to the depth of 12 inches and remove old concrete curbing from the field and dzone area.
- Haul off all materials removed (No materials can be dumped on site)
- Install approx. 300 liner foot of 12" HPDE perforated drainpipe connecting to the drainage system under the existing synthetic turf.
- Laser grade sub grade and perform a conformance survey stamped by a MO Engineer verifying no area is more ¼ inch out of tolerance in any direction.
- Install new 18"X8" Concrete curbing around the dzone and turf areas. Concrete curb must have a min. of (2) #4 rebar.
- Install new treated nailer on all new concrete curbing
- Cover entire sub grade with a Geotextile fabric Marfi 140N with 12" overlaps in all directions
- Install 12 inches of washed cleaned stone consisting of the following. 10" of 1" Clean stone and 2" of 3/8 chips.
- Laser grade stone and perform a conformance survey verifying ¼" tolerance in any direction. Conformance survey must be stamped by a MO engineer and approved by owner prior to installing turf. Turf installed without conformance survey will be required to be removed and contractor will have to bring in new turf in its place.
- Install turf in this area match the same specifications as the field.

Scope of Work for Area in front of bleachers:

- Build a track bridge to protect track. Contractor will be responsible for any damage to the track
- Excavate grass in front of bleachers area approx. 3,800 square feet to the depth of 12 inches and remove old concrete.
- Haul off all materials removed (No materials can be dumped on site)
- Install approx. 300 liner foot of 8" HPDE perforated drainpipe connecting to the existing drainage system.
- Laser grade sub grade
- Install new 18"X8" Concrete curbing and method for anchoring turf
- Cover entire sub grade with a Geotextile fabric Marfi 140N with 12" overlaps in all directions
- Install 12 inches of washed cleaned stone consisting of the following. 10" of 1" Clean stone and 2" of 3/8 chips.
- Laser grade stone
- Install 60oz turf 1 ¾ inch pile height with 5mm pad system. This turf is to be a non-infilled turf system.

Scope of Work for New Pole Vault:

- Excavate 15X4 and 20X22 for new pole vault runway and landing pad (See drawing for location)
- Install vapor liner under all concrete
- Install 6 inches of stone under all concrete
- Install 5" of 6 sack Portland cement with rebar on 1' centers
- Back fill, finish grade area around the pole vault and areas leading to the pole vault area.

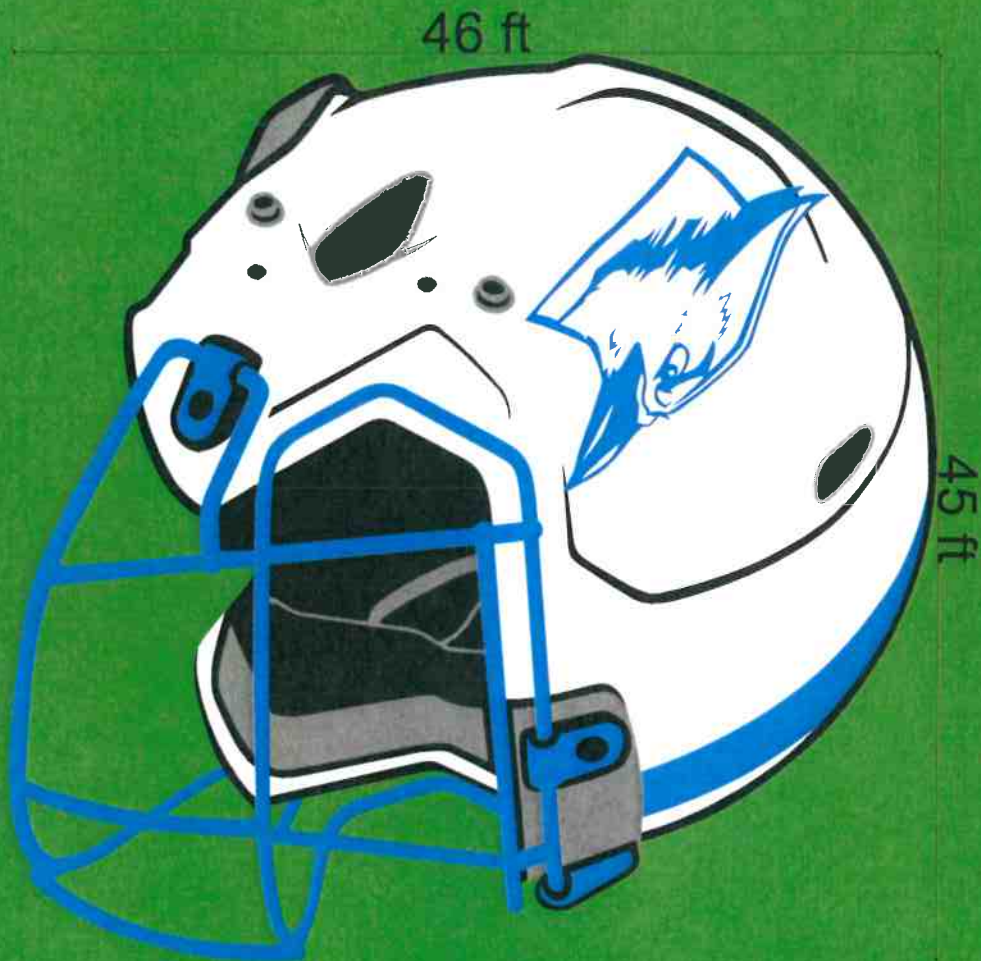
- Seed/straw or sod areas to return to their existing condition

Scope of Work for Turf Replacement:

- All improvements will meet NFHS requirements in order to host state sanctioned events
- Remove and haul off existing synthetic turf and infill.
- Laser grade the entire field adding any additional finish stone as necessary.
- Upon completion of the rock grade and prior to installation of any turf, a conformance survey must be performed by a licensed MO engineer showing that the finish grade of rock meets +/- 1/8" tolerance in 10' in all directions from the required slope.
- Install approximately 94,500 SF (contractor to verify exact SF) of synthetic turf and infill that meets or exceeds the following specifications. Products that do not meet or exceed the specifications will not be considered.
 - The turf system shall meet or exceed the following requirements
 1. Product Type: 100% fibrillated fiber
 2. Pile Height: 2 1/4"
 3. Face Weight: 52 oz. minimum (No thatch products will be accepted)
 4. Total Fabric Weight: 82 oz.
 5. Primary Backing Weight: 8 oz.
 6. Secondary Coating Weight: 22 oz.
 7. Tuft Bind: >10 lbs.
 8. Grab Tear Strength Average: >200 lbs.
 9. Lead Content: <50 ppm
 10. Total Yarn Linear Density: ≥ 10,000 denier
 11. Tensile Strength: 16 lbs.
 12. Stitch Rate: as needed
 13. Stitch Gauge: 3/8" Only
 14. Flammability: PASSED
 15. Water Permeability with Infill: >40" per hour
 16. Fiber Thickness: 110 microns (fibrillated fiber)
 17. Fabric Width: 15 ft.
 18. Infill Type: performance mix of SBR crumb rubber and silica sand per manufacturer's specifications
 - a. 100% new infill
 - b. 5 lb minimum infill weight
 - c. Rubber shall be recycled, non-compacting, 100% SBR rubber granules size 10-20 mesh, ambient or cryogenically ground, clean of dust or foreign materials
 - d. Sand shall be siliceous (95%) washed and dried, round grain and uniform in shape, size 0.5-1.8mm
 19. Seaming Method: Sewn Seams
 - a. Line markings for both football and soccer to be tufted to the greatest extent possible.

- b. Secondary line markings, numbers and logos to be tufted, inlaid, or cut in as standard with manufacturer
20. Gmax (Shock Attenuation) in accordance with ASTM F1936 – standard specification for shock-absorbing properties
- a. Upon completion, maximum average Gmax value of 120
 - b. Life of the field warranty, maximum average Gmax value of 145
 - a. Annual Gmax testing will be provided until the end of the warranty for a total of 8 Gmax test. Gmax testing shall be performed by a certified shock attenuation technician (certification certificate required)
21. Manufacturer:
- a. At least five years of experience in manufacturing infilled synthetic turf systems and 25 successful synthetic turf projects within 150 miles of our location
 - b. 100% U.S. Ownership with its main office in the United States and regional offices within 300 miles of our location
 - c. Presently under continuous ownership for no less than 10 years with no bankruptcies
22. Installer:
- a. Experienced installer that specializes in infilled synthetic turf system
 - b. A minimum of 25 successful installations within 150 miles of our location
23. Warranty:
- a. 8-Year warranty for the synthetic turf system and installation
 - b. 8-Year 3rd party warranty for the synthetic turf system
 - c. Contractor must warranty the existing base and drainage for 8-years, in the event any low spots or any failure of the base or drainage the district will expect it to be repaired or replaced at no cost to the district. Any contractor not willing to provide this warranty must attach a letter to their proposal stating there will be no warranty on the exiting drainage or subgrade.
 - d. Contractor must provide a lifetime service agreement with the district.
 - e. As long as the product in the bid is on site, contractor agrees to perform yearly inspections and grooming. Contractors should include all cost in their base bid for this service.
24. Maintenance:
- a. Provide three copies of the maintenance manual.
 - b. Provide closeout maintenance training of owner personnel.
 - c. Provide the following grooming equipment or approved equal:
 - A. GreensGroomer – 720 LitterKat with Tow Behind Magnet
 - B. GreensGroomer – 920 SDE Synthetic Turf Groomer

- Synthetic Turf Field Design:
 - Alternating field green and field green / lime mix every 5 yards, solid field green from 45 yl to 45 yl
 - Install white football markings with slanted font numbers per NFHS standards
 - Install 8" blue boarder at 20 yard lines
 - Black soccer markings per NFHS standards
 - 1' white / 5' blue field border
 - Alternate: Helmet Logo at mid-field (match existing up to 4 colors)
 - Alternate: Blue end zones, 16' letters as shown on drawing
 - Alternate: coaches' box as shown on drawing
- Alternate: SP14XL Shock Pad
- Alternate: Schmitz ProPlay 20 Shock Pad
- Alternate: 10-Year Warranty
- Liquidated damages will be assessed at the rate of \$1,000.00 per day for each and every calendar day beyond final completion date. Any missed events that are missed due to the project not being completed on time will incur a financial penalty of \$5,000.00 per event day.
- Pay Schedule: Progress payments every 30 days. Pay applications due by 10th of each month.
- Voluntary alternates will not be accepted. Any volunteer alternate bid submitted may lead to immediate disqualification of the bidder.
- Basis of Selection: The owner will evaluate the following items in determining the successful bidder:
 1. Owner Preference
 2. Product
 3. Experience
 4. References
 5. Warranty
 6. Insurance
 7. Customer Service
 8. Ability to Meet Project Schedule
 9. Price
 10. Other criteria as determined by the selection team



46 ft

45 ft

COLORS:
FLA BLUE 810
WHITE 800
GRAY 485
BLACK 910