

CITY OF MOORE

BID NOTICE

Bid No. 2027-002

NOTICE IS HEREBY GIVEN that the City of Moore and Moore Parks & Recreation Department, hereinafter called the “City of Moore,” will receive bid proposals until 1:45 pm CST on Tuesday, the 6th day of October 2026 at the office of the Purchasing Agent, Suite 142, Moore City Hall, 301 N. Broadway, Moore, Oklahoma, 73160 for:

CITY OF MOORE ADAPTIVE TURF INFIELD

There will be an optional pre-bid conference at 10:00 a.m. on 25th of September , 2026, in the City Council Chambers, Moore City Hall, 301 N. Broadway, Moore, Oklahoma.

Interested Bidders should go to the City of Moore website to view particulars regarding proposals at <http://www.cityofmoore.com/government/city-bids>

Bid proposals will not be accepted after 1:45 p.m., **6th of October**, 2026. One (1) copy shall be addressed to the **City of Moore Purchasing Agent**, and that copy must be sealed and clearly marked with the name of the vendor and identified as follows:

“CITY OF MOORE ADAPTIVE TURF CONTRACTOR” **“SEALED BID NO. 2027-002”**

Bid proposals filed as provided herein will be publicly opened at 2:00 pm, **6th of October**, 2026, at Moore City Hall City Council Chambers, 301 N, Broadway, Moore, Oklahoma 73160. All Bids will remain at least 48 hours thereafter before a contract is made and entered into thereon.

Bids received more than (72) seventy-two hours (three business days) before the time set for the receipt of bids will not be considered.

The City of Moore reserves the right to accept the bid which, in the judgment of the City, is the best for the application of needs, materials, and services, as covered in the specifications, and is deemed the best overall for the good of the City.

The City reserves the right to reject any and all bids and waive irregularities and formalities in any bid submitted. In addition, the City of Moore reserves the right to contract with one or more parties to perform identical services as deemed appropriate by the City of Moore.

The City of Moore is an equal opportunity employer.

Lira Deer, Purchasing Agent

405-793-5022

CITY OF MOORE
CITY OF MOORE ADAPTIVE TURF INFIELD
BID SPECIFICATIONS
Bid No. 2027-002

The City of Moore is requesting bids for installing an Adaptive Turf Infield on the existing Baseball Field #5 at the Baseball Complex at Buck Thomas Park. The Surface Area for the Adaptive Turf Infield is approximately 11,000 sq. ft. (See Attached Map). The Contractor shall provide all labor, materials, equipment, and tools necessary for the complete installation of an infilled synthetic grass field surface with a stable draining base. The City of Moore reserves the right to use other contractors or its own forces to perform portions of this work and will utilize the contractor's services solely at the discretion of The City of Moore. The City of Moore does not guarantee any specific amount of work above the base contract amount.

Interested Bidders should go to the City of Moore website to view particulars regarding proposals at <http://www.cityofmoore.com/government/city-bids>.

1. Eligibility of the Contractors

The contractors shall be in good standing with the City of Moore. Contractors shall include in the bid packet: a current audited financial statement, a description of their company's capabilities, their qualifications to perform this type of work, and a list of at least three references for which they have performed this type of work. The City of Moore will evaluate all proposals received and reserves the right to waive any informalities or irregularities and select the proposal that best suits the needs of the City of Moore.

NOTICE is hereby given that the CITY OF MOORE, OKLAHOMA, will receive sealed bids at the Office of the Purchasing Agent, City Hall, 301 N. Broadway, Moore, Oklahoma, 73160-5130, until 1:45 o'clock P.M., Local Time, on the 6th day of October, for the construction of

There will be an **optional pre-bid** conference at 10:00 a.m. on 25th of September, 2026, in the City Council Chambers, Moore City Hall, 301 N. Broadway, Moore, Oklahoma.

CITY OF MOORE ADAPTIVE TURF INFIELD Project No. 2027-002

Bid Requirements:

- i. Bids shall be made in accordance and fully comply with
 1. Solicitation for Bids
 2. Requirements for Bidders
 3. Bidder's Proposal
 4. Specifications
 5. Contractors Qualifications
- ii. A cashier's check, a certified check, or a surety bond in the amount of five percent (5%) of the bid shall accompany the sealed proposal of each bidder. Such deposits

will be returned to the unsuccessful bidders.

- iii. Bids timely filed with the City Clerk shall be publicly opened and read aloud in the Council Chambers at City Hall immediately after the closing time above stated. No bidder may withdraw a bid within sixty (60) days after the actual date of the opening thereof. Within sixty (60) days from the bid date, the owner may award a contract to the successful bidder or reject any or all bids for the project.

iv. **Bid Surety**

- a. Each bid must be accompanied by certified check of the bidder, or a bid bond prepared on the form of bid bond attached hereto, duly executed by the bidder as principal and having as surety thereon a surety company approved by the Owner, in the amount of five percent (5%) of the bid. Such cash, checks, or bid bonds will be returned promptly after the Owner and the accepted bidder have executed the contract, or, if no award has been made within 60 days after the opening of bids, upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bid.
- b. Proposals will not be considered unless the original filed with the City is accompanied by the described Bid Surety made payable to the City of Moore. The proposal guaranty is required as evidence of good faith and as a guarantee that, if awarded the contract, the bidder will execute the contract and furnish the required bonds.
- c. The successful bidder, upon his failure or refusal to execute and deliver the contract and bonds required within ten (10) days after he has received notice of the acceptance of his bid, shall forfeit to the Owner, as liquidated damages for such failure or refusal, the security deposited with his bid.

v. **Time of Completion and Liquidated Damages**

- a. The Contractor hereby agrees to commence work under the Contract on a date specified in a written "Notice to Proceed" of the Owner, and to fully complete the project within **75** consecutive calendar days. The Contractor further agrees to pay as liquidated damages, the sum of Eight Hundred Dollars and 00/100 (\$800.00) for each consecutive calendar day thereafter as provided in the Contract and General Conditions.

2. Insurance Requirements

Bidders will be required to meet insurance requirements of not less than the following limits.

General Liability	\$2,000,000.00
Auto Liability	\$1,000,000.0
Excess Liability	\$1,000,000.00

3. Description of Project

The work should consist of installing an Adaptive Turf Infield on the existing Baseball Field #5 at the Baseball Complex at Buck Thomas Park. The Surface Area for the Adaptive Turf Infield is approximately 11,000 Sq. Feet. The location is mark on the attached map. (See Attached Map)

4. Basic Bid Proposal

The Contractor will provide personnel who are fully experienced and qualified in installing turf surfaces. Extra manpower is to be provided by the Contractor on an as-needed basis, based on contract requirements.

5. Default

A default shall occur on the part of the Contractor if any proceeding is instituted by or against the Contractor seeking to adjudicate a bankruptcy, insolvency, seeking liquidation, or any law relating to bankruptcy, or insolvency, or if Contractor shall admit its inability or fails to pay its debts generally or at any time should fail, refuse or neglect to supply enough properly skilled workmen or proper materials and equipment or otherwise be guilty of a substantial violation (default) of any provision of this Agreement which Contractor shall have failed to address promptly after service of 24 hours of written notice thereof by The City of Moore. The City may, without prejudice to any other right or remedy, terminate the contract. The City of Moore or the Contractor may also terminate the contract for convenience with 30 days' written notice to each party.

6. General Conditions

a. Definitions

- i. “City Employee” and/or “City Representative” shall mean only those persons who are on the City’s payroll or public officials rendering their services to the City.
- ii. “Contractor Employee” and /or “Contractor Representative” shall mean only those individuals who are actually on the Contractor’s payroll or are subcontractors selected by the Contractor for providing services under this agreement. The Contractor is not and shall not claim to be an employee of the City of Moore.
- iii. Project Officer” shall mean the Parks and Cemetery Facilities Maintenance Manager, Parks and Recreation Department of the City of Moore or Designee.

b. Scope of Services

- i. Contractor agrees to perform all work under the conditions outlined within this agreement. Such a bid shall be considered as the minimum specifications by which work shall be performed under this agreement. The bid shall be deemed a component of this contract and is incorporated herein by reference.
- ii. Contractor agrees to abide by all provisions outlined in the attached bid in all aspects, including, but not limited to, services to be performed, supplemental

- requirements, and Contractor's written or typed response to the bid.
- iii. Contractor and City agree that it may be necessary to expand upon the project. Any area added shall be at a mutually agreed price pursuant to the City of Moore's Purchasing Policy.
- iv. The Contractor should have the entirety of the Project Completion within 90 days of the start date.

7. Terms and Conditions

A. Conditions

- i. Conditions of this agreement shall be outlined with all specifications and details established within this agreement.

B. Supplemental Terms and Conditions:

The following are included as supplements to the terms and conditions provided herein.

- i. **Description of Work:** The Contractor shall provide all labor, materials, equipment, and tools necessary for the complete installation of an infilled synthetic grass field surface with a stable draining base. The complete synthetic grass field system shall consist of the following:
 - a. Field construction with the extent of artificial turf work (must provide drawings).
 - b. Subgrade, base, and drainage construction as specified in Section 7.1 and Section 7.2 of this document.
 - c. Quality synthetic grass product manufactured in the USA according to specifications in Section 7.1 of this document. Product shall meet or exceed all guidelines as established herein, or for characteristics not specifically stated, shall meet or exceed all guidelines published by the Synthetic Turf Council.
 - d. The synthetic grass field shall be specifically designed, manufactured, and installed for the intended sports and events. Typical sports include, but are not limited to, full-contact football, soccer, lacrosse, field hockey, baseball, and softball.
 - e. All designs, game markings, and layouts shall conform to all currently applicable National Federation, State High School Association, or NCAA rules and regulations, or league-specific requirements as applicable.
 - f. Logos, game lines, and perimeter markings as per drawings (provided by the contractor) and direction of the City of Moore or the City of Moore's Representative.
 - g. A resilient infill system, consisting of silica sand or other mix.
 - h. Pre-manufactured porous resilient shock pad as specified in Section 7.1 (Alternate Bid Item).
 - i. Ongoing warranty and preventative maintenance service shall be included in the contract.
 - j. The warranty shall be for a period of ten (10) years from the date of substantial completion.
 - k. During this warranty period, the contractor shall also provide preventative maintenance and grooming during two (2) scheduled on-site visits each year of the warranty period.

- ii. **System Performance:** Contractor shall ensure that products and the field system meet the following performance requirements:
- a. All components and their installation method shall be designed and manufactured for use on outdoor athletic fields. The materials as hereinafter specified shall withstand full climatic exposure in the location of the installation, be resistant to insect infestation, rot, fungus, mold, and mildew; they shall also withstand ultraviolet rays and extreme heat; allow the free flow of water vertically through the playing surface and into the drainage system below the surface.
 - b. The seams of all system components shall provide a permanent, tight, secure, and hazard-free athletic playing surface. All inlaid markings (game lines, logs, etc.) shall remain in place throughout the duration of the warranty period.
 - c. The installed synthetic grass field and drainage system shall allow for drainage and water flow through the system at a rate of not less than 20 inches per hour.
 - d. Based on independent laboratory tests, the synthetic grass product must be shown to meet or exceed ASTM testing standards:
 - ASTM D-5848 – Product Weight: ≥ 105 oz. / PSY
 - STM D-5848 – Face (Pile) Weight: ≥ 50 oz. / PSY
 - STM D-5848 – Total Backing Weight: ≥ 55 oz. / PSY
 - ASTM D-1335 – Tuft Bind: ≥ 11 lbs./force
 - ASTM D-5034 – Grab Tear Strength: ≥ 320 lbs./force
 - ASTM D-2859 – Flammability Pill: must pass
 - ASTM F-1551 – Water Permeability: ≥ 20 inches/hour
 - ASTM F-1951 – Wheelchair Accessibility- $\leq 2\%$ Slopes
- iii. **SERVICE AND QUALITY ASSURANCE:** The synthetic grass vendor shall provide ongoing service quality assurance and warranty consisting of, but not necessarily limited to, the following:
- a. The synthetic grass vendor and contractor must be experienced in the manufacturing and installation of synthetic grass field systems and have completed a minimum of five (5) similar systems, a minimum of 25,000 sf each.
 - b. No field failures or party to any lawsuits because of field failures.
 - c. The synthetic grass vendor must provide competent workmen skilled in this type of field installation. The synthetic grass vendor shall provide a qualified installation foreman to coordinate and review the parts of the synthetic grass system. Foreman shall be introduced to Owner or Owner's representative before the start of construction.
 - d. Application and grooming of infill must be done using an all-in-one metered device such as the SMG Sandmatic machine to ensure precise application of the infill and grooming of the grass to exact tolerances.
 - e. The synthetic grass vendor shall submit its manufacturer's warranty, which warrants the usability and playability of the synthetic grass field system for its intended uses with the following minimum characteristics:
 - Provide full coverage of materials and workmanship for a minimum of ten (10) years from the date of substantial completion.
 - Warrant that the materials installed meet or exceed the product specifications.
 - Cover defects in the installation and workmanship.
 - Repair or replace such portions of the installed materials that are no

longer serviceable to maintain a usable and playable surface at no additional cost to the Owner.

- Assure the availability of exact or substantially the same replacement materials for the synthetic grass system for the full warranty period.
- Include coverage of general wear and damage caused by UV degradation. The warranty may specifically exclude vandalism and Acts of God beyond the control of the manufacturer or installer.
- Provide letter that Crew & Foreman are certified to install turf and execute all aspects of this project.

iv. **SUBMITTALS:** Synthetic grass vendor must submit the following to The City of Moore or City of Moore's representative with the official bid package:

- a. The synthetic grass vendor must be a current member in good standing of the Synthetic Turf Council (STC).
- b. Provide (1) copy of Certification of Membership of the Synthetic Turf Council (STC).
- c. The synthetic grass vendor shall provide a written letter or resume confirming that the installation crew and foreman are certified as competent in the installation of this material, including attachment of seams and proper installation of infill material before the start of turf installation.
- d. One (1) copy of the most recent installation reference list for (3) projects of similar scope.
- e. One (1) 12"x12" loose sample of proposed synthetic grass product and one (1) 12"x12" boxed sample including infill representative of finished synthetic grass field system.
- f. One (1) 12"x12" loose sample of proposed porous shock pad.
- g. One (1) copy of the product warranty for the proposed synthetic grass product.
- h. One (1) copy of their maintenance instructions. These instructions will include all necessary instructions for the proper care and maintenance of the newly installed synthetic turf system.
- i. One (1) copy of edge details of proposed installation and terminations of synthetic grass field system.
- j. One (1) copy of a signed letter from a synthetic grass vendor certifying that the proposed synthetic grass product is manufactured in the USA.
- k. One (1) copy of independent laboratory test reports on system or components:
 - ASTM D-5848 – pile height, tuft spacing, face weight, and total weight
 - ASTM D-1335 – tuft Bind
 - ASTM D-5034 – grab tear breaking strength
 - ASTM D-2859 – flammability (pill test)
 - ASTM F-1551 – water permeability

v. **Commencing Construction:** Synthetic Grass Vendor must submit the following to The City of Moore or City of Moore's Representative before commencing construction of the synthetic grass field system:

- a. One (1) copy of material certificates and samples for materials that will be used on the project. Each material certificate must be marked as approved by the synthetic grass contractor.
- b. The following representative samples of the components that will be used on the synthetic grass field system for approval by Owner or Owner's Representative:
 - One (1) 12"x12" sample of synthetic grass product.
 - One (1) sample of each colored yarn proposed for use in field markings and logos.
 - One (1) pint of resilient infill material.
 - One (1) 12"x12" sample of resilient shock pad (if used).
 - One (1) set of construction diagrams to include: seam layout plan, edge details, and any details of construction that deviate from the original plans and specifications.
 - One (1) colored striping plan detailing lines, numbers, and letters. Coordinate with Owner or Owner's Representative to get final approval of all designated colors, dimensions, and logo/ lettering designs.
 - One (1) construction project plan to include: project timeline with details and dates of each phase of construction; identification and contact information for project foreman; a letter from the turf manufacturer stating that the installation crew and foreman are certified as competent in the installation of this material.

7.1 Product Specifications

- i. **Base Materials:** Excavation, drainage, and base construction shall be as directed per Engineer's drawings
- ii. **POROUS SHOCK PAD:** Interlocking, porous, minimum 5/8" thickness.
- iii. **SYNTHETIC GRASS PRODUCT:** The standard of quality of the synthetic grass product shall meet the following specifications:
 - a. Synthetic grass product specifications:
 - Yarn type: Primary: Polyethylene slit film, Polyethylene monofilament
Secondary: Heat set textured nylon monofilament
 - Yarn count: Primary: 10,000/1, 12,000/6; Secondary: 5,040/12
 - Yarn color: Turf Grass Areas-Primary: Field Green-Secondary: Lime Green; Turf Dirt Areas Including Infield, Home Plate & Pitching Mound: Terra Cotta; Line & All Boxes Color: White
 - Product construction: Dual yarn, alternating rows
 - Pile height: 1 1/2" (may have a variance of 1/8")
 - Tufting gauge: 3/8"
 - Pile (face) weight: 50 oz./SY (may have a variance of 2%)
 - Total product weight: 105 oz./SY (may have a variance of 4%)
 - Backing: Three-layer premium backing made with BioCel™ polyurethane and 100% recycled geotextile nonwoven fabric on a dual-layer primary
 - Finished roll width: 15 feet (4.6m)
 - Perforation: 3/16" (4.8 mm) holes spaced 4" on center (approximate)
 - Seaming: Micromechanical bonding reinforced with adhesive
 - Infill: 1.3 lbs. of rubber/SF maximum

- b. **Field Striping Specification:**
 - All white color striping will be 4" wide lines.
 - Pitching Mound System Distance: 40 feet from front of home plate (White in Color) to pitching rubber (White in Color) with an 8 foot radius for pitching mound circle.(No White Out Line, pitching mound-terra cotta in color)
 - Home Plate Radius is at 15' with a white in color outline up to the start of the Base path joint of the terra cotta and green turf. No white line inside the fair territory
 - Batters Boxes Dimensions: 3 feet wide by 6 feet long, 4" offset from edge of home plate (White Color Lines)
 - Catcher's Box Dimensions: 43 inches wide by 8 feet long (White Color Lines)
 - Coach's Boxes Dimensions 4 feet wide by 8 feet long
 - On Deck Circles Dimensions: 2.5 feet radius (terra cotta in color with a white circle outline)
 - Baselines/Foul Lines and Bases are to be white in color and should be regulation size.
 - 1B and 3B Base Paths are to be 3.5' wide
- c. **Resilient infill.** A resilient infill system, consisting of rounded sand silica engineered to provide the look, feel, footing, and shock absorption of a natural grass field in ideal conditions. Infill shall meet the following specifications:
 - Infill type: 95% to 99% silicon dioxide (SiO₂) quartz content
 - Size: 30-50 mesh
 - Color: tan or brown
 - Contaminants: Granules shall contain minimal dust or contaminants
 - Uniformity: Granules shall be clean, uniformly sized, and consistent in shape and particle size.
- vi. **New Grooming Equipment:** The synthetic grass contractor shall provide one (1) pull-behind drag brush or similar grooming equipment.

7.2 Execution

- i. **BASE AND DRAINAGE CONSTRUCTION:** The synthetic grass base contractor shall strictly adhere to the installation procedures outlined under this section and by the Engineer's drawings. Any variance from these requirements must be accepted in writing by the synthetic grass vendor and submitted to the Owner or Owner's Representative, verifying that the changes do not adversely affect the performance or warranty.
- a. **Excavation:** Existing ground cover shall be excavated to the depth established on the excavation plan. The subgrade shall be shaped to achieve a 0.5% (half of one percent) slope from the center of the field to each sideline in order to mirror the grade of the finished synthetic turf surface. The subgrade shall also be compacted and proof-rolled to a minimum compaction rate of 95%. The contractor shall observe a proof roll to verify the subgrade is stabilized.

- b. Install geotextile fabric over excavated and prepared subgrade in accordance with Engineer's recommendations. Provide a 12" minimum overlap at all seams. Fabric shall first be installed in the drainage trenches before the installation of perimeter collector lines. After backfilling of all trenches is complete, the entire field shall be covered with fabric before the base aggregate application.
- c. Trenching, Drainage Pipe Installation and Backfilling: All piping shall be as specified and connected by the manufacturer's couplers, plugs, etc.
 - The base grade shall be shaped to mirror the finished grade and approved by the Architect and/or Owner's Representative. The Base Contractor shall begin layout and trenching for the drainage network as indicated on the drainage plan and all details that apply. Collector lines shall be installed before lateral lines and shall begin with the deepest elevations. Collector lines shall be connected to the discharge outlet at the onset of operations. Trenching progress shall work upward in elevation to allow for immediate discharge of water from the entire field in the event of rainfall.
 - Trenches, with or without pipe, shall be permitted to remain unfilled overnight and/or while crews are not progressively working on site.
 - All perimeter trenches must be dug in accordance with the field drainage plan details.
 - After all collector and lateral lines have been installed, the contractor shall repair any subgrade undulations before installing geotextile fabric.
 - Drainage for infield crown/slope: Pitcher's mound sits highest (15 inches above home plate), with the infield sloping outward at roughly 0.5%.
 - Drainage for outfield slope: Outfield falls away at a 1% to 1.5% grade to encourage sheet flow toward perimeter collection points
- d. Concrete header curb and pressure-treated wood nailer board: The synthetic turf perimeter fastening structure shall be installed before the drainage aggregate.
 - The 6" x 12" concrete header curb shall be installed in accordance with the drawings and these specifications. The foundation of the concrete header curb shall be a compacted, free-draining aggregate. Future water entering the foundation shall have a free-draining path directly to the perimeter collector pipe.
 - Install a pressure-treated lumber 2" x 4" nailer board. Nailer board shall be set 3/4 inch below the top of the curb by means of a Tapcon every 24 inches. This shall be the responsibility of the synthetic turf base contractor. See synthetic turf edge attachment detail.
- e. Base Drainage Aggregate: The installation of the base drainage aggregate shall only begin after the drainage pipe installation has been inspected and approved by Owner's Representative. Installation of the free-draining base aggregate shall follow procedures that protect the base grade soils and drainage pipe. The drainage pipe network and its existing elevations shall not be disrupted through ground pressures from trucks, dozers, or by any other means.
 - The base grade subsoil shall be dry before undertaking the placement of base aggregate.

- Delivery trucks shall enter the field only from the designated entrance point. Base course stone shall be dumped closest to the entrance first and continuously worked towards the furthest point of the field. Extreme care must be taken not to disturb the subgrade or drainage network.
 - Track-type dozers shall push out the stone from behind the pile onto and toward the field center. Dozers shall only traffic the aggregate they are spreading.
 - Bulldozer blades shall be equipped with a laser-guided hydraulic system. Care shall be taken not to disturb or contact the base grade soils with the dozer blades or tracks. All equipment trafficking over the drainage aggregate shall ensure there is a minimum depth of 4" of aggregate between the geo-textile fabric and the dozer track ground contact position.
 - When the aggregate spreading is completed, the surface shall be further firmed by a 5-ton roller.
 - The stone shall be left firm, but not over-compacted as to protect the porosity and drainage capabilities of the aggregate profile.
 - After the drainage stone has been uniformly spread throughout the surface, the surface shall receive a final laser-finished grade. This process shall be accomplished using a turf-type tractor or lightweight grader, equipped with high-flotation tires and a hydraulically controlled laser blade.
 - This final layer of stone needs to be wet when compacted. Finish layer should be 1" to 1½" thick. The finish layer is to be compacted with a 1–3-ton double drum roller, dragged, and then rolled again.
 - The free-draining base course should be designed to meet local soil and weather conditions. It must be installed to a minimum depth of 6 inches and shall be independently tested for an overall compaction rate of 95% proctor.
- f. Approval of finished grade. The finished grade of the stone base shall not vary more than ¼" over 10 feet. The base must be accepted in writing by the synthetic grass contractor and submitted to the City of Moore Representative before mobilization of equipment off the job site.
- Finished stone base must be inspected and approved by the City of Moore before the turf installation can start.
- ii. **RESILIENT SHOCK PAD INSTALLATION:** Attach Specifications
- iii. **SYNTHETIC GRASS SYSTEM INSTALLATION:** After a final inspection of the stone base by the synthetic grass contractor and the Owner's Representative, the synthetic turf installation shall begin. The synthetic grass product shall be delivered in 15-foot-wide rolls.
- a. Synthetic grass rolls shall begin with the longest perpendicular cross-field distance and should follow the following procedures:
- No head seams shall be permitted in the inbound playing surface unless required for field markings or logos.
 - Synthetic grass should be rolled out a minimum of four hours before starting seaming procedures and allowed to relax/expand.

- All visible wrinkles shall be stretched out before seaming.
- Field markings should be straight and set with precision. Variance of field markings from specifications and diagrams should not exceed 1/8"
- b. Synthetic grass rolls shall be joined via micromechanical bond (hook and loop) seaming and reinforced with specialty turf adhesive where necessary:
 - Seams shall be flat, tight, and permanent with no separation or fraying.
 - Seams shall be rolled with a weighted roller to ensure adhesion.
 - Synthetic turf yarn fabric that is trapped or glued between seams shall be freed from the seams by hand or other approved method to an upright position before the commencement of brushing and top-dressing synthetic grass rolls by the manufacturer wherever possible.
- c. Tufted and inlaid lines:
 - Layout and descriptions of tufted inlaid lines shall be as indicated on final drawings.
 - Inlaid lines and field markings shall be cut in using seaming methods recommended by the synthetic turf contractor.
 - Field markings should be straight and set with precision. A transit should be used to ensure the line is accurate. Tolerances between lines should not exceed 1/8".
 - ADA Bases with removable inserts for bases. Inserts must be level with turf.
 - Field should consist of 2" Lines for Right & Left Field Foul Lines, Right-Handed Batter's Box, Left-Handed Batter's Box, Catcher's Box, First Base Dugout Coach's Box, 3rd Base Dugout Coach's Box, 1st Base Area Warmup Circle for On-Deck Batter, 3rd Base Area Warmup Circle for On-Deck Batter, and Pitching Mound
 - Base Locations must be marked with Subsurface Sleeves and Base Plugs:
 - Pitching Mound is to be a Flush Mound with a Removable Mound System Option
 - Removable Mound is to be a Flush-to-Turf Insert System that uses a heavy-duty sub-base tray built directly into the turf foundation where preassembled turf-and-mat modules drop in or rotate out.
- d. Synthetic turf perimeter attachment:
 - After final layout and seaming of the synthetic grass product, the edges should be precision trimmed to meet the surface exterior to the field.
 - The turf shall be attached to the pressure-treated wood nailer board by galvanized staples.
- e. Infill application:
 - After all seaming is completed and inlaid lines, logos, and lettering have been installed, the infill materials shall be applied evenly using an all-in-one metered device such as the SMG Sandmatic machine to ensure precise application of the infill and grooming of the grass to exact tolerances.
 - Silica Sand or other mix shall be applied at a uniform rate until the specified infill depth is achieved.
 - After completion of the infill application, the infill depth should be checked to verify that the variance in infill depth does not exceed 1/8" at any given point across the entire field.

iv. Closeout:

- a.** The synthetic grass vendor must verify that a qualified representative has inspected the installation and that the finished field surface conforms to the manufacturer's requirements.
- b.** The synthetic grass vendor must provide the owner with the pull-behind maintenance brush as outlined in section 7.1 New Turf Grooming Equipment.
- c.** Before Final Acceptance, the synthetic turf vendor shall submit to the owner three (3) copies of their maintenance instructions. These instructions will include all necessary instructions for the proper care and maintenance of the newly installed synthetic grass system.
- d.** Synthetic grass vendor must train owner's designated field personnel in proper grooming and care procedures. This includes training field personnel how to properly use grooming equipment as well as make minor repairs.
- e.** Synthetic grass vendor must provide natural sod grass to areas that get damaged from the turf installation process to be determined by the City.
- f.** Extra materials: Owner shall be given the option to retain and store excess materials such as excess turf and infill ordered for the project, but not installed.
- g.** Ongoing warranty and preventative maintenance service shall be included in the contract. The warranty shall be for a period of ten (20) years from the date of substantial completion. During this warranty period, the contractor shall also provide preventative maintenance and grooming during two (2) scheduled on-site visits each year of the warranty period.

v. Cleanup:

- a.** Contractor shall provide the labor, supplies, and equipment as necessary for final cleaning of surfaces and installed items.
- b.** All usable remnants of new material shall be neatly rolled up and turned over to the Owner at a place and area designated by the Owner.
- c.** During the contract and at intervals as directed by the Owner or Owner's Representative and as synthetic grass system installation is completed, clear the site of all extraneous materials, rubbish, or debris and leave the site in a clean, safe, well-draining, neat condition.
- d.** Surfaces, recesses, enclosures, etc. shall be cleaned as necessary to leave the work area in a clean, immaculate condition ready for immediate occupancy and use by the Owner.

12. Obligation of Bidder

- i.** At the time of the opening of bids, each bidder will be presumed to have inspected the site and to have read and to be thoroughly familiar with the plans and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument, or document shall not relieve any bidder from any obligation in respect of his bid.
- ii.** Each bidder must inform himself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his obligation to furnish all material and labor necessary to carry out the provisions of the contract. Insofar as possible, the contractor must employ methods or means that will

not cause any interruption of or interference with the work of any other contractor.

- iii. All bidders, by submittal of a proposal, represent that they have examined the site prior to submittal and are fully informed regarding facilities and conditions affecting work, costs, risks, and obligations to be met, regardless of any omissions of the specifications.
- iv. Any neglect or failure on the part of the bidder to obtain reliable information regarding the conditions to be encountered shall not relieve the successful bidder from any risks or liabilities or from the responsibility for the completion and acceptance of the project.

13. Payment

A. Price for Service

- i. The Contractor shall provide a price for each Line Item
- ii. The Contractor shall also provide a Grand Total price for the Complete Project

B. Contractor's Invoice and Schedule for Payment

- i. The Owner will make progress payments to the Contractor no more than once per month upon request of the Contractor. Pay requests take approximately 3-4 weeks to process.
- ii. Such payment will be made on the basis of an agreed estimate of work performed since the previous pay request, provided that the Contractor and the City Manager shall have previously come to an agreement as to the amount of the request prior to submission.

- iii. The City shall retain 5% of the amount of each estimate until the project is complete.

14. Security for Faithful Performance

- i. The Contractor shall deliver the executed contract and all required surety bonds within ten (10) days upon receipt of the contract from the Owner. With the execution and delivery of the Contract, the Contractor shall furnish and file with the City in the amounts here in required, the surety bonds listed below. The surety on such bonds shall be a duly authorized surety company satisfactory to the Owner.
 - a. A good and sufficient **Performance Bond** in an amount equal to one hundred percent (100%) of the approximate total amount of the Contract, guaranteeing the full and faithful execution of the work and performance of the Contract and for the protection of the City and all property owners interested against any improper execution of the work or the use of inferior materials.
 - b. A good and sufficient **Statutory Bond** in an amount equal to one hundred percent (100%) of the approximate total amount of the Contract, guaranteeing payment for all labor, materials, and equipment used in the construction of the project.
 - c. A good and sufficient **Maintenance Bond** in an amount equal to one hundred percent(100%) of the total amount of the Contract, guaranteeing the maintenance in good condition of such project for a period of two (2) years from and after the time of its completion and acceptance by the City.

- i. No surety will be accepted who is in default or delinquent on any bond or who holds interest in any litigation against the City. All bonds shall be made on forms furnished by the City and shall be executed by surety companies licensed to do business in the State of Oklahoma and shall conform to the requirements as set forth herein. Each Bond shall be executed by the Contractor and the Surety.
- ii. Should any surety on the Contract be determined unsatisfactory at any time by the City, notice will be given to the Contractor to that effect; and the Contractor shall forthwith substitute a new Surety or Sureties satisfactory to the City. No payment will be made under the Contract until the new Surety or Sureties, as required, have qualified and have been accepted by the City. The Contract shall not be operative, nor shall any payments be due until approval of the bonds has been made by the City.

15. **Sales Tax Exemption**

- i. Pursuant to Oklahoma Statutes, Title 68, 1356(10), Contractors and Subcontractors shall be exempted from the tax levied on the sale of tangible personal property or services necessary for the completion of this construction contract. Any Contractor or Subcontractor making purchases for this contract on behalf of the City of Moore shall certify, in writing, on the copy of the invoice or sales ticket to be retained by the vendor that the purchases are made for and on behalf of the City of Moore.
- ii. Contractors and Subcontractors shall request a written Sales Tax Exemption by contacting the Purchasing Agent, City of Moore, 301 N. Broadway, Moore, Oklahoma, 73160-5130, Ph.405.793.5022, who will issue such exemption on an individual project basis. It shall be the Contractor's and Subcontractor's responsibility to secure the Sales Tax Exemption and failure to do so will not lessen their liability for payment of the sales tax.
- iii. Two Tax Commission interpretations of the Oklahoma statutes Title 68, 1356(10) are listed below to avoid contention among the City of Moore, its contractors, and the Tax Commission:
- iv. "Exemptions apply to materials permanently incorporated into the project, but not to concrete forms nor to other tools."
- v. "The same reasoning precludes exceptions being applied to rental items."
- vi. The Contractor shall certify that purchases are made for or are on behalf of the City of Moore. Persons who make wrongful or erroneous certification(s) shall be guilty of a misdemeanor and shall be punished as provided in the statutes.

16. **Safety Standards and Accident Prevention**

With respect to all work performed under this contract, the Contractor shall:

- a. Comply with the safety standard provisions of applicable laws, building and construction codes, and the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, the requirements of the Occupational Safety and Health Act of 1970 (Public Law 91-596), and the requirements of Title 29 of the Code of Federal Regulations.
- b. Exercise every precaution at all times for the prevention of accidents and the

protection of persons (including employees) and property.

- c. Maintain as required by OSHA standards, all required articles necessary for giving first aid to the injured.

CONTRACTOR'S CHECKLIST OF REQUIRED ITEMS

Completed*

1. Bid Proposal

2. Bid Bonds

3. Anti-Collusion Affidavit

***** SIGNATURE PAGE *****

I, _____ (print) on behalf of "OWNER" hereby represent that I am an agent for and authorized to act on behalf of "OWNER" my signature as the representative listed hereby agrees to be bound by the terms and conditions contained herein.

I, _____ (print) on behalf of "VENDOR" hereby represent that I am an agent for and authorized to act on behalf of the "VENDOR" by signature of the representative listed here agrees to be bound by the terms and conditions contained herein.

VENDOR:

AUTHORIZED SIGNATURE OF VENDOR REPRESENTATIVE

DATE

OWNER: CITY OF MOORE/MPRD

AUTHORIZED SIGNATURE OF OWNER REPRESENTATIVE

DATE

ATTEST:

VANESSA KEMP, CITY CLERK

APPROVED AS TO FORM AND LEGALITY:

BRIAN MILLER, CITY ATTORNEY

Adaptive Turf Infield Bid Sheet

Description of Work	Materials Cost	Labor Cost	Total Price
Mobilization & Site Prep			
Total Unit Price in Words			
Demolition			
Total Unit Price in Words			
Excavation			
Total Unit Price in Words			
Drainage System			
Total Unit Price in Words			
Aggregate Base			
Total Unit Price in Words			
Edging & Nailer Boards			
Total Unit Price in Words			
Turf Supply			
Total Unit Price in Words			
Infill Supply			
Total Unit Price in Words			
Turf Instillation			
Total Unit Price in Words			

Specialty Markings			
Total Unit Price in Words			
Additional Work - (Add Description of Any Additional Work)			
Total Unit Price in Words			
TOTAL AMOUNT BID			
TOTAL AMOUNT BID IN WORDS	Dollars:		

010470 - AFFIDAVITS
ANTICOLLUSION AFFIDAVIT

The following affidavit is submitted by Bidder as a part of this bid and proposal:

BID# 2027-002

STATE OF OKLAHOMA }
CLEVELAND COUNTY }

The undersigned deponent, of lawful age, being duly sworn, upon his oath, deposes and says that:

- he has lawful authority to execute the within and foregoing proposal;
- he has executed the same by subscribing his name hereto under oath for and on behalf of said bidder;
- bidder has not, directly or indirectly, entered into an agreement; expressed or implied, with any bidder(s) having as its object controlling of the price or amount of such bid(s), the limiting of the bids or the bidders, the parceling or farming out to any bidder(s) or other persons of any part of the contract or any part of the subject matter of the bid(s) or of the profits thereof; and
- he has not and will not divulge the sealed bid to any person whomsoever, except those having a partnership or other financial interest with him in said bid(s) until after the said sealed bid(s) are opened.

Deponent further states that:

- The bidder has not been a party to any collusion among bidders or prospective bidders in any restraint of freedom of competition by agreement to bid at a fixed price, or to refrain from bidding;
- the bidder has not been a party to any collusion with any City official or employee as to quantity, quality, or price in the prospective contract, or any other terms of said prospective contract;
- the bidder has not been in any discussions between bidders and any City official concerning exchange of money or other thing of value for special consideration in the letting of a contract;
- the bidder has not paid, given, or donated or agreed to pay, give, or donate to any officer or employee of the CITY OF MOORE any money or other thing of value, either directly or indirectly, in the procuring of the award of contract pursuant to this bid.

Signed: _____

(Name of Bidder)

By: _____

Title: _____

Subscribed and sworn to before me this _____ day of _____, 20____.

(Notary Public)

My Commission Expires: _____

Buck Thomas Park Adaptive Field #5

