**QUINCY PARK DISTRICT**

**INVITATION TO BID**

**REQUEST FOR PROPOSALS FOR SERVICES FOR THE**

**MOORMAN SYNTHETIC TURF BALL FIELD PROJECT**

The Quincy Park District, Adams County, Illinois, is requesting proposals from qualified firms with respect to the installation of synthetic turf at Moorman ball field.

Instructions and other pertinent documents relating to this request may be obtained from, and questions concerning this request should be directed to, Rome Frericks, Executive Director, Quincy Park District, 1231 Bonansinga Drive, Quincy, IL, 62301. Telephone: (217) 223-7703 Email: [rfrericks@quincyparkdistrict.com](mailto:rfrericks@quincyparkdistrict.com).

All requested submissions are due, and in order to be considered must be received by the

Park District not later than 4:00 p.m. on Thursday, September 3, 2020.

Rome Frericks

Executive Director

Quincy Park District

**QUINCY PARK DISTRICT Services for the Moorman Ball Synthetic Turf Field Project**

REQUEST FOR PROPOSALS

CONTRACT ADMINISTRATOR: Quincy Park District

Rome Frericks

Executive Director

Phone: (217) 223-7703

Quincy Park District Website

www.quincyparkdistrict.com

RFP CLOSING (DUE) DATE: September 3, 2020 4:00 PM

NO LATE RESPONSES WILL BE ACCEPTED

SUBMITTAL LOCATION

Quincy Park District

Attention: Rome Frericks

Executive Director

1231 Bonansinga Drive

Quincy, IL 62301

[rfrericks@quincyparkdistrict.com](mailto:rfrericks@quincyparkdistrict.com)

General Scope: The Quincy Park District invites proposal submissions from qualified firms interested in providing services for the design and development of a new Moorman Ball Synthetic Turf Field. The successful firm will demonstrate proven technical competence in order to produce detailed engineering designs, construction drawings and specifications, obtain necessary permit approvals for building and site engineering, and construction observation.

Due Date: Thursday, September 3, 2020 4:00 PM

Proposals must be received on or before the due date and time by mail, email or hand-delivered to 1231 Bonansinga Drive, Quincy, IL 62301.

For additional information regarding the Quincy Park District, please refer to the website: [www.quincyparkdistrict.com](http://www.quincyparkdistrict.com)

**1. Project Scope**

A consultant is being sought to perform multiple activities for the Quincy Park District to design and develop the Moorman Ball Synthetic Turf Field project. Consultants must be able to provide complete professional services including engineering, estimating and value engineering services for the project. The consultant will develop deliverables associated with the design development phase, permit process, prepare grading, landscaping, site utility, and other civil drawings, construction documents, and technical specifications.

Scope of Work for Base Bid:

* Pre-Approved Prime Contractors:
  1. A.T.G.-Ram Industries / RamTurf
  2. Byrne & Jones / Shaw Sports Turf
* Prime Contractor Qualification:
  1. Prime contractor must specialize in sports facilities construction with over 5 years of experience building synthetic turf fields, all-weather tracks, and sports stadiums.
  2. Prime contractor shall be a standing member with the ASBA for over 5 years and have a current CFB-S (Certified Field Builder - Synthetic) as an employee on staff.
  3. Prime contractor must have completed a minimum of 10 turf field projects within 150 miles of the project’s location.
  4. Primer contractor must provide an experienced on-site superintendent with a minimum of 10 turf field projects within 150 miles of the project’s location under employment of bidder. A $1,000.00 per day will be charged for any day superintendent is not on site.
* Site Existing Conditions: The site is an existing baseball field with tar and chip parking lot and field structure. 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.
* The bidder shall furnish with the submitted bid a Bid Bond in the amount of five percent (5%) of the total contract amount, including any alternates. In the event of multiple prices, the Bid Bond shall be for the maximum possible contract amount. Bid Bond will be returned to bidders promptly after the owner has accepted a bid. All bids shall remain open for thirty (30) days after the date of the opening.
* 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.
* 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 specifications 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.
* Provide City, County, State, NOI permits required for construction.
* Supply all surveying, staking required for the project.
* Provide engineered stamped construction drawings.
* Provide as-built drawings to the owner upon final completion.
* Provide 3rd party permeability testing on each 500 tons of rock brought to the site.
* Conformance surveys will be required for sub-grade and finished rock grade by a certified 3rd party testing company licensed in the state and approved by the Park District.
* Contractor will be responsible for supplying a SWPPP plan prior to construction.
* Conduct pre-construction meeting.
* Provide dumpsters, Porto restrooms and construction fencing as needed.
* Provide 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.
* Demo any item necessary to provide a regulation synthetic turf baseball field, including backstop, dugouts, field perimeter fencing, and foul poles.
* All improvements will meet Little League requirements in order to host sanctioned events Pony League play and below.
* Field Orientation and Dimensions:
  1. Orientation: remain the same
  2. Home to Back Dimension: 25’
  3. Foul Line to Dugout Dimension: 25’
  4. Outfield Fence Distances: remain the same
* Perform cuts and fills as needed. All excavated materials to be hauled off site.
* 6”X12” concrete curbing with 2 pieces of #4 rebar around the entire perimeter of the infield.
* Install pressure treated 2”x4” nailer boards around entire perimeter of the field.
* Excavate for perimeter ditch.
* Install Mirafi 180N non-woven fabric to cover the entire field, including under collector drains and along the face of the inside curb totaling at approximately. Seams will be overlapped at 12”.
* Install 12” perforated HPPE dual-walled corrugated pipe around entire outside edge of field with 1” clean backfill and installed in a fabric-laced trench.
* Install 12” wide flat panel drains on 25’ centers in a herringbone pattern that will gravity feed into the collection drain.
* Install 12” solid HDPE HPPE dual-walled corrugated pipe to extend drainage from the infield to daylight near wooded area beyond left field, approximately 450 LF.
* Install 8 inches of 1-inch clean drainable base.
* Install 2 inches of 3/8-inch clean drainable base Rock must be installed within a 1/8-inch tolerance in 10 foot.
* Install approximately 19,800 SF of synthetic turf that meets or exceeds the following requirements:
  1. Product Type: 100% fibrillated fiber or fibrillated fiber / monofilament fiber blend
  2. Pile Height: 2.25” to 2.50”
  3. Face Weight: 50 oz. minimum (60 oz. face weight minimum if including thatch fiber)
  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

1. Stitch Gauge: 3/8” to 1/2"
2. Flammability: PASSED
3. Water Permeability with Infill: >40” per hour
4. Fiber Thickness: 110 microns (fibrillated fiber) and/or 300 microns (monofilament)
5. Fabric Width: 15 ft.
6. Infill Type: 100% new infill material performance mix of SBR crumb rubber and silica sand per manufacturer’s specifications
7. 5 lb. minimum
8. Rubber shall be recycled, non-compacting, 100% SBR rubber granules size 10-20 mesh, ambient or cryogenically ground, clean of dust or foreign materials
9. Sand shall be siliceous (95%) washed and dried, round grain and uniform in shape, size 0.5-1.8mm
10. Seaming Method: Sewn Seams
11. Line markings to be tufted to the greatest extent possible.
12. Secondary line markings, numbers and logos to be tufted, inlaid, or cut in as standard with manufacturer
13. Gmax (Shock Attenuation) in accordance with ASTM F1936 – standard specification for shock-absorbing properties
14. Upon completion, maximum average Gmax value of 120
15. Life of the field warranty, maximum average Gmax value of 165
16. 1 Gmax test upon completion by a certified shock attenuation technician. Certification required.
17. Manufacturer:
18. At least five years of experience in manufacturing infilled synthetic turf systems and 10 successful synthetic turf projects within 150 miles of our location.
19. 100% U.S. Ownership with its main office in the United States and regional offices within 300 miles of our location.
20. Presently under continuous ownership for no less than 10 years with no bankruptcies.
21. Installer:
22. Experienced installer that specializes in infilled synthetic turf system.
23. A minimum of 10 successful installations within 150 miles of our location.
24. Warranty:
25. The prime contractor and synthetic turf manufacturer jointly and independently warrant all base work, rock, and drainage under the turf are guaranteed against soft spots, low spots and drainage problems for a full 8 years.
26. The prime contractor and synthetic turf manufacturer jointly and independently warrant all components of the synthetic turf system, including but not limited to fiber, tufting, backing, and installation for a full 8 years.
27. 8-Year 3rd party warranty for the synthetic turf system.

* Provide one (1) 8’ diameter logo with 1-4 colors; logo to be provided by Quincy Park District.
* Install all baseball markings per Little League rules.
* Install home plate, bases, and 3 sets of base sleeves in concrete at (60', 70' and 80’).
* Regrade and sod 30’ transition between synthetic turf and outfield grass.
* Provide and install The Perfect Mound 10’ Youth Mound with synthetic turf system installed.
* Install 100’ L x 24’ 8-guage galvanized chain link fence from dugout to dugout
* Dugouts:
  1. Home (1st Base) Dugout: 30’ x 8.5’, includes metal roof, steel columns, steel beams, concrete floor, and 8-foot, 8-gauge galvanized chain link fencing around all sides, one 4’ opening, and one (1) 21’ aluminum bench.
  2. Visitor (3rd Base) Dugout: 30’ x 8.5’, includes metal roof, steel columns, steel beams, concrete floor, and 8-foot, 8-gauge galvanized chain link fencing with one 4’ opening, and one (1) 21’ aluminum bench.
* 6-foot, 8-guage galvanized chain link fence with yellow cap around the entire perimeter of the field. Includes two 4’ gates and 2 double gates.
* Install two (2) 20’ foul poles; Sportsfield Specialties or approved equal.
* 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.
* Voluntary alternates will not be accepted. Any volunteer alternate bid submitted may lead to immediate disqualification of the bidder.
* Basis of Selection:
  + The owner reserves the right to reject any and all bids.
  + The owner will evaluate the following items in determining the successful bidder:

|  |  |
| --- | --- |
| * 1. Owner Preference   2. Product   3. Experience   4. References   5. Warranty | * 1. Insurance   2. Customer Service   3. Ability to Meet Project Schedule   4. Price   5. Other criteria as determined by the selection team |

Unit Prices:

1. Cement Stabilization: provide a unit price / SY to provide a cement modified subgrade. The subgrade shall be treated to a minimum depth of 12- inches using cement at the rate of 5% by weight.

**4. Due Date**

Proposals must be submitted by Thursday, September 3, 2020 by 4:00 PM. They should be sent or delivered to:

Rome Frericks, Executive Director

Quincy Park District

1231 Bonansinga Drive

Quincy, IL 62301

217-223-7703

[rfrericks@quincyparkdistrict.com](mailto:rfrericks@quincyparkdistrict.com)

**All responses must be received no later than 4:00 PM (CST), on Thursday, September 3, 2020. Responses received later than the given date and time above will be rejected and returned unopened.**

**5. Schedule of Selection Process**

The following is the proposed schedule:

* Responses are due no later than 4:00 PM (CST), on Thursday, September 3, 2020
* Tentative recommendation to Park Board at the Wednesday, September 9, 2020 meeting
* Notice to award Thursday, September 10, 2020
* Construction Start Any Time After Monday, September 14,2020
* Substantial Completion Wednesday, November 25, 2020
* Final Completion Friday, March 19, 2021

**6. Contract: Insurance Requirements & Quality Assurance**

The Quincy Park District requires evidence of insurance coverage: General Liability, Errors and Omissions, Automobile Liability, and Worker’s Compensation for the general acceptable limits of the Park District. In addition, outline your firm’s approach to protect the owner based on your proposed quality assurance standards.

**7. Request Additional Information**

The Park District reserves the right to request any further additional documentation that it deems necessary for the review and award process.

**8. Cancellation of Request for Letters of Interest**

The Quincy Park District reserves the right to cancel this request for professional services at any time, to elect not to award the work listed, to reject any or all of the responses, to waive any informality or irregularity in any response received, and is the sole judge of the merits of the respective responses received. While the Quincy Park District intends to award all tasks

included in this request for proposals to one Consultant, the Park District also reserves the right to contract any task or portion of this work separately.

**Signature**

I have read and understand the requirements for professional services to the Quincy Park

District and will abide by them.

**Project:** Moorman Ball Synthetic Turf Field

**COMPANY:**

**NAME:** **POSITION:**

**SIGNED:** **Date:**

**Turf & Sub-Base Warranty Form (Submit with Bid)**

The prime contractor & synthetic turf manufacturer hereby guarantees:

* Warrant that all base work, rock, and drainage under the turf are guaranteed against soft spots, low spots and drainage problems for a full 8 years.
* Warrant all components of the synthetic turf system, including but not limited to fiber, tufting, backing, and installation for a full 8 years.

**Prime Contractor:**

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DO / DO NOT warrant all base work for 8-years.

*(Circle One)*

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DO / DO NOT warrant the synthetic turf system for 8 years.

*(Circle One)*

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DO / DO NOT warrant all base work and the synthetic turf system as a complete system for 8 years.

*(Circle One)*

**Synthetic Turf Manufacturer:**

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DO / DO NOT warrant all base work for 8-years.

*(Circle One)*

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DO / DO NOT warrant the synthetic turf system for 8 years.

*(Circle One)*

I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DO / DO NOT warrant all base work and the synthetic turf system as a complete system for 8 years.

*(Circle One)*

|  |  |  |
| --- | --- | --- |
| **Prime Contractor:** |  | **Synthetic Turf Manufacturer:** |
| Authorized Signature:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Authorized Signature:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Printed Name & Title:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Printed Name & Title:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Synthetic Turf Product Form (Submit with Bid)**

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/yd² |  |
| D-5848 | Total Fabric Weight | Oz/yd² |  |
| D-5848 | Primary Backing Weight | Oz/yd² |  |
| D-5848 | Secondary Coating Weight | Oz/yd² |  |
| D-1335 | Tuft Bind | Lbs. |  |
| D-2256 | Grab Tear Strength Average | Lbs. |  |
| D-2765 | Lead Content | Ppm |  |
| D-1577 | Total Yarn Linear Density | 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Gmax Guarantee Form (Submit with Bid)**

Below, please fill out bidder’s guaranteed Gmax for each year numbers 1 – 8. A maximum Gmax rating for any year cannot exceed 165. 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 bidder’s product cannot meet the maximum Gmax of 165 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |