

City of Fayetteville Staff Review Form

2018-0656

Legistar File ID

12/4/2018

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Byron Humphry

11/16/2018

PARKS & RECREATION (520)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

A resolution to approve the purchase and installation of synthetic turf for Gary Hampton Softball Complex from Shaw Sports Turf pursuant to the Source Well Cooperative Purchasing Program in the amount of \$531,752. To approve a project contingency of \$79,763 and a budget adjustment.

Budget Impact:

2250.520.9256-5806.00

Parks Development

Account Number

Fund

02013.1802

Gary Hampton Complex Improvements

Project Number

Project Title

Budgeted Item? Yes

Current Budget \$ 63,357.00

Funds Obligated \$ -

Current Balance **\$ 63,357.00**

Does item have a cost? Yes

Item Cost \$ 611,515.00

Budget Adjustment Attached? Yes

Budget Adjustment \$ 548,158.00

Remaining Budget **\$ -**

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments:



MEETING OF DECEMBER 4, 2018

TO: Mayor and City Council
THRU: Connie Edmonston, Parks and Recreation Director
FROM: Byron Humphry, Park Maintenance Superintendent
DATE: November 15, 2018

SUBJECT: A resolution to approve the purchase and installation of synthetic turf for Gary Hampton Softball Complex from Shaw Sports Turf pursuant to the Source Well Cooperative Purchasing Program in the amount of \$531,752. To approve a project contingency of \$79,763 and a budget adjustment.

RECOMMENDATION:

A City Council resolution to approve the purchase and installation of synthetic turf for Gary Hampton Softball Complex from Shaw Sports Turf pursuant to the Source Well Cooperative Purchasing Program in the amount of \$531,752. To approve a project contingency of \$79,763 and a budget adjustment.

BACKGROUND:

Gary Hampton Softball Complex was constructed in 1998 and contains four fields, a concession and restroom facility, storage sheds and parking. The complex is used for adult slow-pitch softball and girls fast-pitch softball for both tournament and league play. In 2017, the total number of participants who played at Gary Hampton was 14,580. This total is comprised of 10,550 participants who played in 13 tournaments held at the park and 4,030 participants who played in the Parks and Recreation softball leagues.

DISCUSSION:

The fields at Gary Hampton are composed of a “skinned” dirt infield and natural turf outfield. The dirt infield area requires daily preparation for games which includes dragging, watering, and chalking. The natural turf outfield requires weekly or bi-weekly mowing. The daily preparation of the dirt infield is complicated after rain events which requires extra preparation such as removal of ponded water, raking and dragging, and the addition of drying agents to the infield. With significant rainfall, the infields become too muddy to prepare, resulting in a rainout until the fields have time to dry. Rained out games create extra work for maintenance crews, delay tournaments and league play, require re-scheduling make-up games and may also result in cancellation of tournaments which causes a loss of revenue

Many Parks and Recreation agencies and school districts in the region are converting all, or a portion, of their baseball/softball fields to synthetic turf. The advantages of synthetic turf are a more consistent playing surface as well as an underlying drainage system that allows for surface water to drain from the field. Therefore, synthetic turf fields remain playable after

significant rain events resulting in far fewer weather related cancellations. For example, this fall our softball league cancelled 5 days (70 games); whereas, Bentonville only cancelled one day of play on their synthetic turf fields. Synthetic turf also requires less maintenance to prepare for daily games which saves on labor and overtime costs for weekend tournaments and allows staff to accomplish other tasks during the week. Since most of the maintenance requirements and rainouts occur due to the skinned dirt infields, many agencies opt to replace just the skinned infield area with synthetic turf and leave the large outfield as natural turf. This approach is much cheaper since baseball/softball outfields are large areas. The outfield areas also do not receive the same level of play as the infields and handle rainfall better without interrupting play.

Staff consulted with several local Park agencies, the Fayetteville School District, and the University of Arkansas regarding their synthetic turfed areas, pros and cons, maintenance requirements and the companies used. Staff then met with four different leading suppliers of synthetic turf in the region to determine the best system for Gary Hampton. Based on these consultations, staff chose to work with Shaw Sports Turf through the Source Well Cooperative Purchasing program to achieve the best price and product. Shaw is the product that is used at the University of Arkansas on the football stadium, football practice field, and the indoor softball practice complex. Shaw Sports Turf is part of Shaw industries, a Berkshire-Hathaway company with more than \$5 billion in annual sales. Shaw Sports Turf is the largest American-owned and American-made synthetic turf company in the world. Shaw's Tru Hop 46 product that is quoted for Gary Hampton is specifically designed for baseball and softball fields to mimic the play of a natural surface. They offer an 8-year warranty on their product and installation. The typical lifespan of synthetic turf is 8-10 years.

The proposed synthetic turf infields are sized to accommodate adult slow-pitch softball, youth fast-pitch softball, and with the addition of portable mounds, youth baseball for ages 12 and under. This layout would give the Gary Hampton facility extreme flexibility to host a wide range of tournaments on fields that are much less likely to have rain outs. This would be attractive to tournament organizers and will help draw more tournaments and revenue to the City. In addition, this would make our City more competitive with other cities in the region who also offer synthetic turf fields such as Bentonville, Rogers, Springdale, Conway, and Hot Springs.

BUDGET/STAFF IMPACT:

Pursuant to the Source Well Cooperative Purchasing Program, Contract #060518-SII, Shaw Sports Turf proposes to perform the turf installation for \$531,752. Allowing a project contingency of 15%, \$79,763, results in a total project cost of \$611,515. There is currently \$63,357 in this project that was left over from another project completed in the NW Quadrant. Staff requests a budget adjustment to recognize \$548,158 of unrecognized NW Quadrant Park Land Dedication Funds. These NW Park Land Dedication funds are obtained from residential development through park land dedication requirements and must be spent in the NW Quadrant in which they were collected.

Attachments:

Shaw Sports Turf Proposal



866.703.4004
 185 South Industrial Blvd.
 Calhoun, GA 30701
 www.shawsportsturf.com

November 15, 2018

Proposal 4

**Project: Gary Hampton Field
 North Salem Road
 Fayetteville AR 72704
 Synthetic Turf Field Conversion Project**

Shaw Contract Flooring Services, Inc., dba Shaw Sports Turf is pleased to provide the following proposal for your upcoming project:

Product	Description	Area/SF	Price
TruHop 46	Base Conversion, Synthetic Turf, and Installation	53,600 SF +/-	\$ 531,752
	(Four (4) Softball Infields at 13,400 SF+/- Each)		

Notes: All appropriate AR taxes are included in this proposal and will be charged unless proof of tax-exempt status/certificate is supplied to Shaw Sports Turf related to this project.

Arkansas Contractor's License #0065040519

Pricing provided under costing established by the Shaw Sports Turf - Field Direct purchasing program - SourceWell Contract # 060518-SII

This proposal was generated based on field sizing/drawing provided by the City.

Scope of Work Inclusions

- Provide performance and payment bonding for listed scope of work
- Removal and proper, lawful disposal of existing natural turf.
- Furnish all materials, labor, equipment required to install a Shaw Sports Turf approved free draining stone base ready for synthetic turf installation – includes four (4) softball infields per approved drawings. Stone base contractor to supply a one (1) year warranty.
- Supply and install our Shaw Sports Turf Synthetic Turf System in accordance with manufacturer product specifications, warranty and installation methods (including turf, sundries and infill materials)
- Synthetic turf per field sizing by Shaw Sports Turf (changes in layout may increase price)
- Price based on standard Shaw Sports Turf colors for each product (custom yarns not included)
- Supply and install tufted and inlaid game field markings:7
 - Lines/Markings – Four (4) Softball Infield(s) - BROWN
 - Logo -- NONE
 - Letters -- NONE
- Supply and install turf system infill materials: 50% ambient processed SBR and 50% silica sand by weight
- One (1) GMAX test performed upon completion of each field – Four (4) total
- All bases, pitching rubbers, and sleeves as specified for four (4) fields – including installation
- Eight (8) sets of replacements for high wear areas. Two (2) sets per field.
- One (1) Redexim Base Rake with Brushes



866.703.4004
185 South Industrial Blvd.
Calhoun, GA 30701
www.shawsportsturf.com

- All usable remnants of new material generated by Shaw Sports Turf shall become property of owner.
- Quote based upon use of Shaw Sports Turf standard adhesive; other adhesives at additional cost
- Provide 8 year manufacturer warranty for our turf system only (turf materials and installation) and instructions in turf care/maintenance
- Prices based upon private wages
- Prices based upon one mobilization. Re-mobilization will incur additional costs (each mobilization)

Scope of Work Exclusions

- Any bonds, bonding fees, or additional insurance policies other than specified above
- Any Prevailing Wages, Union Wages or Union Requirements
- Any Shock Pad or E layer
- Any grooming and/or maintenance equipment other than specified above
- Any Engineering and/or Design fees and/or survey work
- Any storm water permitting/engineering/measuring
- Any Independent Testing or testing of any kind outside of establishing base acceptance
- Maintenance of field or other turf treatments
- Any materials, labor, equipment associated with: over-excavating, soil treatment/remediation/stabilization, excavation of heavy rock
- Any extra adhesive for glue down curbing design (prices estimated for nailer board installation)
- Locating, relocation, removal, supply, installation and/or repair of any existing or proposed utilities
- Contaminated soils, unsuitable soils, hazardous material removal and remediation
- Any lettering, logos and/or additional field markings not specified above
- Provision of any additional sports equipment outside of scope specified above
- Track removal and/or replacement
- Crossing protection for asphalt, concrete, landscaping, tracks, etc.
- Site Security
- Anything not specifically stated in our above scope of work.
- Changes in the specifications and/or scope of work are subject to change orders and may require additional charges

Conditions

- Adequate staging area to be provided by the client - within 500' of installation
- Executed Contract contingent upon site visit and approval by Shaw Sports Turf representative
- Proposal amount is subject to the payment terms established upon credit review by Shaw Sports Turf Financial Services at project award or approval.
- Standard manufacturing lead times is 21 working days from signed contract/shop drawing approval.
- This proposal is valid for 90 days.
- Price(s) subject to increase. Items that may affect increase(s) include but are not limited to: raw material costs, freight costs, manufacturing costs, taxes, etc.

Please contact me with any questions regarding this proposal.

Best regards,

Wynn Vinson
Territory Manager - Shaw Sports Turf
Phone: 601.416.4767

State of Arkansas
Commercial Contractors Licensing Board

SHAW CONTRACT FLOORING SERVICES, INC., D/B/A SPECTRA CONTRACT FLOORING / SHAWSPORTS TURF
PO BOX 2128 MD 95-03
DALTON, GA 30722

SHAW CONTRACT FLOORING SERVICES, INC., D/B/A SPECTRA CONTRACT FLOORING / SHAWSPORTS TURF

This is to Certify That

is duly licensed under the provisions of Ark. Code Ann. § 17-25-101 et. seq. as amended and is entitled to practice Contracting in the State of Arkansas within the following classifications/specialties:

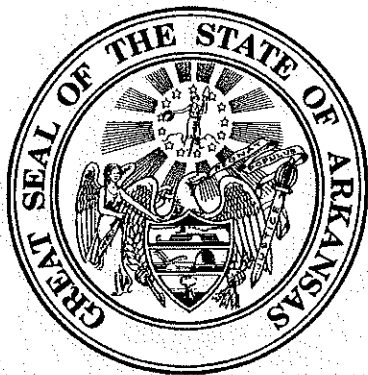
SPECIALTY

- Floors, Floor Covering
- Special Coatings or Applications, Caulking, Waterproofing
- Sport & Recreational Surfaces

This contractor has an unlimited suggested bid limit.

from May 11, 2018 until May 31, 2019 when this Certificate expires.

Witness our hands of the Board, dated at North Little Rock, Arkansas:



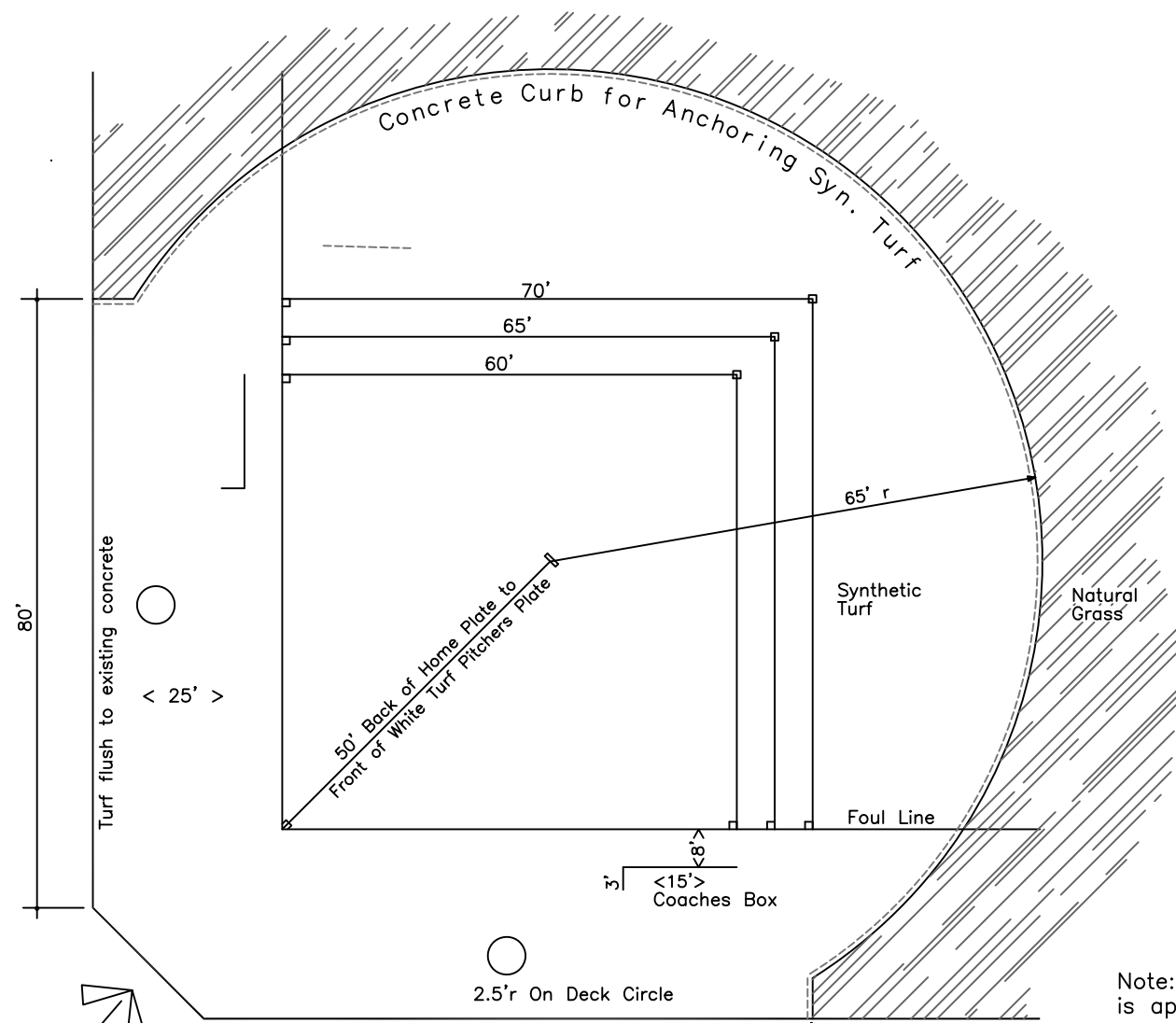
Ray [Signature]

CHAIRMAN

Michael [Signature]

SECRETARY

May 11, 2018 - sh

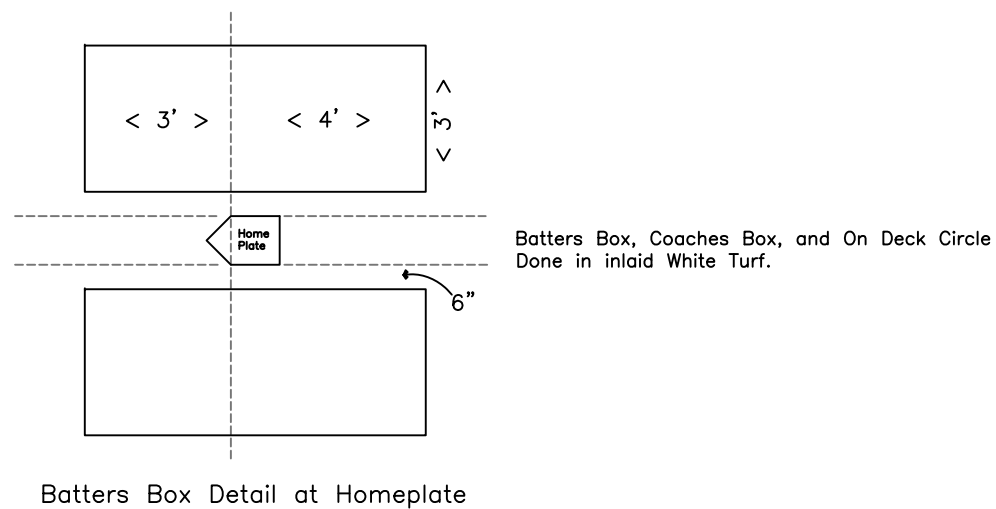


Note: Synthetic turf area is approximately 13,400sf

Note: Permanent anchor for home plate.
 Anchors for 60', 65', 70' bases.
 Anchor for 35', 40', 43' pitching rubber
 Double anchor at first base for safety base

Square off at edge of dugout concrete pad.

Gary Hampton Typical Detail for Synthetic Turf Infields (Four Fields)
 NTS



Batters Box Detail at Homeplate



Aerial of One Ballfield



Photo of Offset in Concrete Along Field

Note that the edge of the concrete is offset in some areas and the turf will need to account for those offsets. This will require lifting or removing the bottom of the fence in places.

Gary Hampton Softball Fields

Schematic Drawing for Synthetic Turf

Parks and Recreation Department
 Fayetteville, Arkansas



SYNTHETIC

VS

NATURAL

At Shaw Sports Turf our goal is not to replace natural grass, but simply to replicate and expand upon its properties. By testing athlete and turf interactions, we can ensure that our turf is delivering the best combination of durability, longevity, playability, performance and safety.

.....

Shaw Sports Turf is a smart solution for overused, unsafe playing fields, as natural grass cannot remain lush and resilient if used for more than four days a week—in the rain or during the six months of the year when grass does not grow. Switching to synthetic allows for year round activity on a safe, durable surface.

SMART INVESTING DRIVES ADDITIONAL INCOME INTO YOUR COMMUNITY



A synthetic turf field is no small investment. However, it is an investment that can pay off. Shaw Sports Turf fields are an excellent way to create a steady revenue stream. With 24/7 availability and sports versatility, our fields can handle more tournaments and events per year than natural grass. The revenue generated from just one event can bring thousands of dollars into the community.

24 / 7

SPORTS VERSATILITY

REVENUE GENERATION



SYNTHETIC SAVES

Your Shaw Sports Turf field can save you money over its lifecycle compared to a well-maintained natural grass field.

- \$ No closing fields due to rain
- \$ No water, pesticides or fertilizers needed
- \$ No contaminated storm water runoff from pesticides and fertilizers
- \$ Looks and feels like natural grass
- \$ Endures high traffic from every sport and easy to maintain
- \$ Reduces carbon footprint

HOW YOU CAN SAVE

<i>EXPENSE</i>	<i>GRASS FIELD</i>	<i>SYNTHETIC TURF</i>
Initial Installation	\$450,000	\$680,000
Maintenance Labor	\$30,000	\$2,000
Equipment	\$4,000	\$0
Fertilizers, Etc.	\$2,000	\$0
Top Seed / Re-Sod	\$4,000	\$0
Water	\$15,000	\$0
Sprinkler Repair	\$1,000	\$0
Line Paint	\$2,500	\$0
Deep Cleaning (every 4 years)	\$0	\$4,000
Total Annual Maintenance	\$58,500	\$2,000
x10 years	\$585,000	\$28,000
Total Cost After 10 Years	\$1,035,000	\$708,000
Total Savings		\$327,000
Savings Per Year		\$32,700
Savings Per Month		\$2,725
Average Use	600 hours	3,000 hours
x10 years	6,000 hours	30,000 hours
» Cost Per Use	\$172.50	\$23.60

* The above example is based on a well maintained natural grass field. All costs are estimates.

THE COMPARISON

DURABILITY

NATURAL

- Rest time required for overuse, rain, watering and other maintenance requirements
-

PERFORMANCE

- Uneven or damaged playing surfaces can affect ball roll, speed and even athlete performance
-

DRAINABILITY

- Muddy or puddle surfaces can retain water for hours and sometimes days preventing play
-

SAFETY

- Damaged and uneven surfaces, especially hard, compacted areas can result in lower g-Max ratings
 - Uneven surfaces increase the chance athlete injuries such as sprained muscles and twisted ankles
-

AESTHETICS

- Large divots and discolored bald/dead areas can result in an unattractive field and can require costly repair
-

WARRANTY

- In most cases, warranties are not offered for anything but the quality of the original installation
-

MAINTENANCE

- Weekly and even daily maintenance required
 - In some cases re-sodding is required on an annual basis
-

ENVIRONMENTAL

- Requires water and dangerous pesticides and fertilizers
- Lawn equipment produces air pollution



SYNTHETIC

- No closing fields due to rain
- 24 / 7 play
- 4x the usage of natural grass

-
- Designed around six critical performance tests to ensure maximum athlete-surface interactions and ball surface interactions
 - Enhances the characteristics of natural grass

-
- Can handle up to twenty inches of rain an hour, keeping the field safe and playable.
 - No rainouts mean a reliable schedule without any lost revenue

-
- Provides a uniform and consistent playing surface

-
- Looks and feels like natural grass
 - Maintains consistent and well-groomed look throughout its lifespan

-
- Insurable eight-year warranty backed by Shaw Industries and Berkshire Hathaway ensures that we stand behind our products from the first day of installation to the end of its lifecycle

-
- Minimal upkeep
 - Requires less maintenance, no watering, fertilizers and pesticides

-
- Conserves millions of gallons of water every year
 - Does not require dangerous fertilizers or pesticides
 - No contaminated storm water runoff from fertilizers and pesticides
 - There is not need for pollution producing maintenance equipment
 - Because our infill is composed of rubber, we save millions of tires each year from landfills
 - At the end of its lifecycle, all components of the turf system can be recycled
 - Qualifies for U.S. Green Building Council LEED points.



Contact us today at **866-703-4004** or
visit **shawsportsturf.com** to learn more about
our sports surfacing capabilities.

A Division of Shaw, A Berkshire Hathaway Company