

BOARD MEMO

TO: Dr. Jesse Bacon, Superintendent
FROM: Troy Wood, Chief Operations Officer *TW*
Date: July 26 , 2024
RE: Approval Motz Cooperative Purchase Agreement Documents

Approval to enter into a Cooperative Purchase Agreement with The Motz Group was obtained at the June 17, 2024 meeting. Per this agreement, The Motz Group will provide installation of full turf systems at Bullitt East, North Bullitt, and Bullitt Central high schools. The scope of work will include the subgrade, underdrainage, turf, all field fencing, backstop netting systems and the indoor turf at all three field houses.

Attached, please find the following Motz Cooperative Agreement Documents:

- Attachment 1 - Exhibit A - The Motz Group - Base Bid and Alternates - 7.18.2024
- Attachment 2 - Turf COOP Project Manual Index
- Attachment 3 - BP1 - Drawing Index
- Attachment 4 - KDE Purchase Order Summary Form - BCPS – Motz
- Attachment 5 - Motz - Bonding Letter
- Attachment 6 - Motz - Certifications of Insurance

I recommend that the Board approve the items above.

Troy D. Wood
Chief Operations Officer

OUR MISSION IS TO INSPIRE AND EQUIP OUR STUDENTS TO SUCCEED IN LIFE *New*

BULLITT COUNTY PUBLIC SCHOOLS IS AN EQUAL EDUCATION AND EMPLOYMENT INSTITUTION



Bullitt County Schools
Baseball and Softball – Subgrade Up Installations
Hitting Tunnel Surface Installations
Exhibit A
July 18th, 2024

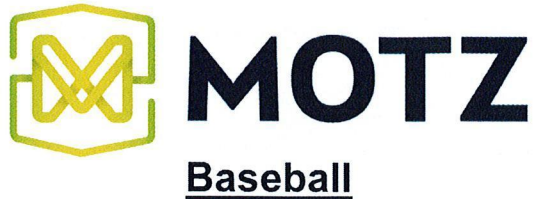
SCHOOL	DESCRIPTION	TOTAL
Described generally as providing turnkey services for subgrade installation of stone, drainage, synthetic turf system and infill material etc.		
Bullitt Central	Bullitt Central Baseball (107,725sf) Bullitt Central Softball (42,075sf) Bullitt Central Hitting Cage (1,050sf)	\$1,954,773
Bullitt East	Bullitt East Baseball (115,950sf) Bullitt East Softball (43,425sf) Bullitt Central Hitting Cage (1,050sf)	\$2,322,718
North Bullitt	Bullitt East Baseball (115,950sf) Bullitt East Softball (43,425sf) Bullitt Central Hitting Cage (1,050sf)	\$2,096,069
Total: \$6,373,560		
DOES NOT include prevailing wages, taxes, permits, or design DOES include cooperative purchasing discounts and payment and performance bond		

Bullitt Central High School

BID ITEM	DESCRIPTION	PRICE
Described generally as providing turnkey services for subgrade installation of stone, drainage, synthetic turf system and infill material etc.		
Baseball Full Field (107,725sf)	Receive site at prepared subgrade, furnish and install base stone and drainage, curb, fencing, and The Motz Group's TriplePlay system with 41oz 2" slit film in the grass areas and 55oz 1.625" slit film with thatch in the infield skin, 54oz 2.25" dual fiber turf with thatch on the pitcher's mound, infilled with rubber and sand, and 30oz 1.75" slit film infilled with Safeshell infilling warning track system	\$1,214,080



Softball Full Field (42,075sf)	Receive site at prepared subgrade, furnish and install base stone and drainage, curb, fencing, and The Motz Group's TriplePlay system with 41oz 2" slit film in the grass areas and 55oz 1.625" slit film with thatch in the infield skin, infilled with rubber and sand, and 30oz 1.75" slit film infilled with Safeshell infill warning track system	\$655,952
Hitting Tunnel (1,050sf)	Furnish and install The Motz Group's Elevate 48 synthetic turf system	\$7,696
Bullitt Central Base Bid Total: \$1,877,728		
ALTERNATES		
Baseball Alternate 1	Furnish and install 8' tall "Cougar Paw"	ADD \$4,993 Selected
Baseball Alternate 2	Furnish and install 18' tall script "Cougars" x2	ADD \$10,222 Selected
Softball Alternate 1	Furnish and install 8' tall letters spelling "BCHS" on one foul line	ADD \$6,355 Selected
Softball Alternate 2	Furnish and install 10' tall "Cougar Paw" on one foul line	ADD \$5,275 Selected
High Wear Inserts	Furnish one (1) set of high wear area replacement inserts – includes pitcher's lane, right batter's box, left batter's box, and catcher's box	ADD \$4,100 per set Selected x2
22' Wide Gate	Furnish and install one (1) 22' wide 6' tall black vinyl coated gate for baseball field	ADD \$10,500 per gate 1 Selected
Padded, Modular Rail System	Furnish and install Sportsfield Specialties Modular Rail System in lieu of black vinyl coated fencing in front of dugouts at both baseball and softball	ADD \$39,574 Not Selected
Motz365	Provide The Motz Group's annual multi-step deep clean Motz365® program which includes a once-a-year visit for 7 visits throughout the life of the warranty to provide decompaction, vacuuming, contact disinfectant, GMAX testing and report for owner's files	ADD \$31,500 Selected
Bullitt Central Total as of 7/11/2024: \$1,954,773 DOES NOT include prevailing wages, taxes, permits, or design DOES include cooperative purchasing discounts and payment and performance bond		



PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner's team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris

BASE CONSTRUCTION

- Receive site at prepared subgrade - Receive compacted subgrade by others to a tolerance of 1/2" +/- in any 10' grid and not deviate more than 1/2" across entire field footprint from one edge to another edge
 - No net gain or net losses of material on site across the field footprint
- Fine grade subgrade
- Roll and compact subgrade
- Furnish and install geo-fabric over subgrade
- Form and pour 964LF of 12x8 curb around fence post from end of dugout, around outfield fence, and to end of other dugout
- Furnish, trench and install 380LF of 18" main collector
- Furnish, trench and install 5,500LF of 4" lateral drainage (hard connect to 18" pipe)
- Furnish and install structures D-05 and D-06 – outlet pipe stubbed 5' into field footprint by others
- Furnish, install, and grade 4.5" of Base Stone
- Furnish, install and grade 1.5" of Finish Stone
- Furnish and install two (2) 20' Tall Foul Poles w/ Wings
- Furnish and install 964' of corrugated fence topper
- Furnish and install four (4) poles, 169' of 40' Tall Tie-Back Netting
- Furnish and install 412' of 6' Tall BVC Fence down foul lines (Include Top and Bottom Rail) including:
 - Two (2) Man Gates (4' width)
 - One (1) Vehicle Gate (12' Width)
- Furnish and install 552' of 8' Tall BVC outfield fence (Include Top and Bottom Rail)
- Furnish and install 56' of 4' Tall BVC Fence (Include Top and Bottom Rail) in front of dugouts

TURF INSTALLTION

- Furnish and install Motz synthetic turf system as noted
- Secure all 15' wide panels of turf by state-of-the-art seaming methods while also using



- premium adhesives on inlays to ensure maximum bonding
- Furnish and install field markings per the markings selected by owner
- Furnish and install infill system to appropriate depths

Softball

PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner's team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris

BASE CONSTRUCTION

- Receive site at prepared subgrade - Receive compacted subgrade by others to a tolerance of 1/2" +/- in any 10' grid and not deviate more than 1/2" across entire field footprint from one edge to another edge
 - No net gain or net losses of material on site across the field footprint
- Fine grade subgrade
- Roll and compact subgrade
- Form and pour 625LF of 12x8 curb around fence post around fence post from end of dugout, around outfield fence, and to end of other dugout
- Furnish and Install geo-fabric over subgrade
- Furnish, Trench and install 240LF of 12" main collector pipe
- Furnish, Trench and install 2,100LF of 4" lateral drainage (hard connect to 12" pipe)
- Furnish and install structures A-02 and A-04 – outlet pipe stubbed 5' into field footprint by others
- Furnish, Install and Grade 4.5" of Base Stone
- Furnish, Install and Grade 1.5" of Finish Stone
- Furnish and Install (2) 20' Tall Foul Poles w/ Wings
- Furnish and Install 626' of corrugated fence topper
- Furnish and Install four (4) poles and 112' of 40' Tall Tie-Back Netting
- Furnish and Install 270' of 6' Tall BVC Fence down foul lines (Include Top and Bottom Rail) including:
 - Two (2) Man Gates (4' width)
 - One (1) Vehicle Gate (12' Width)
- Furnish and Install 355' of 8' Tall BVC Outfield Fence (Include Top and Bottom Rail)
- Furnish and Install 44' of 6' Tall BVC Fence (Include Top and Bottom Rail) in front of dugouts



Hitting Tunnel

PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner's team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris

TURF INSTALLTION

- Furnish and install Motz synthetic turf system on top of concrete pad (by others)
- Secure all panels of turf by state-of-the-art seaming methods while also using premium adhesives on inlays to ensure maximum bonding

MAINTENANCE & WARRANTY – BASEBALL AND SOFTBALL ONLY

- Provide owner's manuals AND training by The Motz Group and our Motz Group employed technicians
- Provide The Motz Group's industry leading Cover 3™ Warranty which covers surface materials, workmanship, AND the base materials for eight (8) years.
 - 24-hour response time to play critical areas (48-hr to all others)
 - Any time training on care of field and maintenance
- Provide two (2) Stihl Powerbrooms



Bullitt East High School

BID ITEM	DESCRIPTION	PRICE
Described generally as providing turnkey services for subgrade installation of stone, drainage, synthetic turf system and infill material etc.		
Baseball Full Field (115,950sf)	Receive site at prepared subgrade, furnish and install base stone and drainage, curb, fencing, and The Motz Group's TriplePlay system with 41oz 2" slit film in the grass areas and 55oz 1.625" slit film with thatch in the infield skin, 54oz 2.25" dual fiber turf with thatch on the pitcher's mound, infilled with rubber and sand, and 30oz 1.75" slit film infilled with Safeshell infill warning track system	\$1,420,880
Softball Full Field (43,425sf)	Receive site at prepared subgrade, furnish and install base stone and drainage, curb, fencing, and The Motz Group's TriplePlay system with 41oz 2" slit film in the grass areas and 55oz 1.625" slit film with thatch in the infield skin, infilled with rubber and sand, and 30oz 1.75" slit film infilled with Safeshell infill warning track system	\$749,623
Hitting Tunnel (1,050sf)	Furnish and install The Motz Group's Elevate 48 synthetic turf system	\$7,696
Bullitt East Base Bid Total: \$2,178,199		
ALTERNATES		
Baseball Alternate 1	Furnish and install 15' tall "BE" logo on both foul lines	ADD \$12,896 Selected
Baseball Alternate 2	Furnish and install 13' tall "Charger Head" logo	ADD \$7,321 Selected
Baseball Alternate 3	Furnish and install 580lf of 10' tall BVC outfield fence in lieu of 8' tall outfield fence	ADD \$16,631 Selected
Softball Alternate 1	100lf of 15' tall ball stop netting in left field	ADD \$23,132 Selected
Softball Alternate 2	Furnish and install 10' tall "Charger Head" logo on one foul line	ADD \$6,416 Selected



Softball Alternate 3	Furnish and install 8' tall "BEHS" letters on one foul line	ADD \$5,873 Selected
High Wear Inserts	Furnish one (1) set of high wear area replacement inserts – includes pitcher's lane, right batter's box, left batter's box, and catcher's box	ADD \$4,100 per set Selected x2
22' Wide Gate	Furnish and install one (1) 22' wide 6' tall black vinyl coated gate for baseball field	ADD \$10,500 per gate 1 Selected
Padded, Modular Rail System	Furnish and install Sportsfield Specialties Modular Rail System in lieu of black vinyl coated fencing in front of dugouts at both baseball and softball	ADD \$37,824 TBD
Motz365	Provide The Motz Group's annual multi-step deep clean Motz365® program which includes a once-a-year visit for 7 visits throughout the life of the warranty to provide decompaction, vacuuming, contact disinfectant, GMAX testing and report for owner's files	ADD \$31,500 Selected
Allowances	For rock excavation we figured 220CY @ \$89.50/CY = \$19,690. For unsuitable soils undercut and replacement we figured 20CY @ \$118/CY = \$2,360.	ADD \$22,050 Selected
Bullitt East Total as of 7/11/2024: \$2,322,718 DOES NOT include prevailing wages, taxes, permits, or design DOES include cooperative purchasing discounts and payment and performance bond		

Baseball

PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner's team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris

BASE CONSTRUCTION

- Receive site at prepared subgrade - Receive compacted subgrade by others to a tolerance of 1/2" +/- in any 10' grid and not deviate more than 1/2" across entire field footprint
 - No net gain or net losses of material on site across the field footprint
- Fine grade subgrade
- Roll and compact subgrade



- Furnish and install geo-fabric over subgrade
- Form and pour 1,104LF of 12x8 curb around fence post around fence post from end of dugout, around outfield fence, and to end of other dugout
- Furnish, Trench and install 350LF of 24" main collector
- Furnish, Trench and install 720LF of 12" collector
- Furnish, Trench and install 1,450LF of 4" lateral drainage (hard connect to 24" pipe)
- Furnish and Install on subgrade 2,700LF of 1x12 flat panel drain and lay into ditch
- Furnish and install structure SM12 – outlet pipe stubbed 5' into field footprint by others
- Furnish, install and Grade 4.5" of Base Stone
- Furnish, Install and Grade 1.5" of Finish Stone
- Furnish and Install thickened stone profile in outfield as noted on drawing (approx 15,000sf of area)
- Furnish and install two (2) 20' Tall Foul Poles w/ Wings
- Furnish and install 1,265' of corrugated fence topper
- Furnish and install four (4) poles and 157' of 40' Tall Tie-Back Netting
- Furnish and install 686' of 6' Tall BVC Fence down foul lines (Include Top and Bottom Rail) including:
 - Four (4) Man Gates (4' width)
 - One (1) Vehicle Gate (12' Width)
- Furnish and install 580' of 8' Tall BVC Outfield Fence (Include Top and Bottom Rail)
- Furnish and install 48' of 4' Tall BVC Fence (Include Top and Bottom Rail) in front of dugouts

TURF INSTALLTION

- Furnish and install Motz synthetic turf system as noted
- Secure all 15' wide panels of turf by state-of-the-art seaming methods while also using premium adhesives on inlays to ensure maximum bonding
- Furnish and install field markings per the markings selected by owner
- Furnish and install infill system to appropriate depths

Softball

PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner's team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris



BASE CONSTRUCTION

- Receive site at prepared subgrade - Receive compacted subgrade by others to a tolerance of 1/2" +/- in any 10' grid and not deviate more than 1/2" across entire field footprint from one edge to another edge
 - No net gain or net losses of material on site across the field footprint
- Fine grade subgrade
- Roll and compact subgrade
- Form and pour 636LF of 12x8 curb around fence post around fence post from end of dugout, around outfield fence, and to end of other dugout
- Furnish and Install geo-fabric over subgrade
- Furnish, Trench and install 240LF of 12" main collector pipe
- Furnish, Trench and install 2,100LF of 4" lateral drainage (hard connect to 12" pipe)
- Furnish and install structure CB16 – Motz to tie directly since structure is just outside of field footprint
- Furnish, Install and Grade 6" of Detention Stone across entire field
- Furnish, Install and Grade 4.5" of Base Stone
- Furnish, install and Grade 1.5" of Finish Stone
- Furnish and Install (2) 20' Tall Foul Poles w/ Wings
- Furnish and Install 757' of corrugated fence topper
- Furnish and Install four (4) poles and 112' of 40' Tall Tie-Back Netting
- Furnish and Install 421' of 6' Tall BVC Fence down foul lines (Include Top and Bottom Rail) including:
 - Four (4) Man Gates (4' Width)
 - One (1) Vehicle Gate (12' Width)
- Furnish and Install 336' of 8' Tall BVC Outfield Fence (Include Top and Bottom Rail)
- Furnish and Install 48' of 6' Tall BVC Fence (Include Top and Bottom Rail) in front of dugouts

Hitting Tunnel

PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner's team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris

TURF INSTALLTION

- Furnish and install Motz synthetic turf system on top of concrete pad (by others)



- Secure all panels of turf by state-of-the-art seaming methods while also using premium adhesives on inlays to ensure maximum bonding

MAINTENANCE & WARRANTY – BASEBALL AND SOFTBALL ONLY

- Provide owner's manuals AND training by The Motz Group and our Motz Group employed technicians
- Provide The Motz Group's industry leading Cover 3™ Warranty which covers surface materials, workmanship, AND the base materials for eight (8) years.
 - 24-hour response time to play critical areas (48-hr to all others)
 - Any time training on care of field and maintenance
- Provide two (2) Stihl Powerbrooms



North Bullitt High School

BID ITEM	DESCRIPTION	PRICE
Described generally as providing turnkey services for subgrade installation of stone, drainage, synthetic turf system and infill material etc.		
Baseball Full Field (115,950sf)	Receive site at prepared subgrade, furnish and install base stone and drainage, curb, fencing, and The Motz Group's TriplePlay system with 41oz 2" slit film in the grass areas and 55oz 1.625" slit film with thatch in the infield skin, 54oz 2.25" dual fiber turf with thatch on the pitcher's mound, infilled with rubber and sand, and 30oz 1.75" slit film infilled with Safeshell infill warning track system	\$1,311,149
Softball Full Field (43,425sf)	Receive site at prepared subgrade, furnish and install base stone and drainage, curb, fencing, and The Motz Group's TriplePlay system with 41oz 2" slit film in the grass areas and 55oz 1.625" slit film with thatch in the infield skin, infilled with rubber and sand, and 30oz 1.75" slit film infilled with Safeshell infill warning track system	\$675,915
Hitting Tunnel (1,050sf)	Furnish and install The Motz Group's Elevate 48 synthetic turf system	\$7,696
North Bullitt Base Bid Total: \$1,994,760		
ALTERNATES		
Baseball Alternate 1	Furnish and install 15' tall "Glove" logo	ADD \$5,893 Selected
Baseball Alternate 2	Furnish and install 10' tall "EAGLES" x2	ADD \$17,938 Selected
Baseball Alternate 3	Furnish and install 40' of 12' tall BVC fence with 20' of taper back to 8' outfield fence – total of 60' of fence modification	ADD \$15,275 Selected
Softball Alternate 1	Furnish and install 8' tall "Eagle Head" logo on one foul line	ADD \$6,430 Selected
Softball Alternate 2	Furnish and install 8' tall "NBHS" letters on one foul line	ADD \$5,573 Selected



High Wear Inserts	Furnish one (1) set of high wear area replacement inserts – includes pitcher’s lane, right batter’s box, left batter’s box, and catcher’s box	ADD \$4,100 per set Selected x2
22’ Wide Gate	Furnish and install one (1) 22’ wide 6’ tall black vinyl coated gate for baseball field	ADD \$10,500 per gate Selected
Padded, Modular Rail System	Furnish and install Sportsfield Specialties Modular Rail System in lieu of black vinyl coated fencing in front of dugouts at both baseball and softball	ADD \$37,824 TBD
Motz365	Provide The Motz Group’s annual multi-step deep clean Motz365® program which includes a once-a-year visit for 7 visits throughout the life of the warranty to provide decompaction, vacuuming, contact disinfectant, GMAX testing and report for owner’s files	ADD \$31,500 Selected
North Bullitt Total as of 7/11/2024: \$2,096,069 DOES NOT include prevailing wages, taxes, permits, or design DOES include cooperative purchasing discounts and payment and performance bond		

Baseball

PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner’s team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris

BASE CONSTRUCTION

- Receive site at prepared subgrade - Receive compacted subgrade by others to a tolerance of 1/2" +/- in any 10' grid and not deviate more than 1/2" across entire field footprint from one edge to another edge
 - No net gain or net losses of material on site across the field footprint
- Fine grade subgrade
- Roll and compact subgrade
- Furnish and install geo-fabric over subgrade
- Form and pour 1,104LF of 12x8 curb around fence post around fence post from end of dugout, around outfield fence, and to end of other dugout
- Furnish, Trench and install 400LF of 15" main collector
- Furnish, Trench and install 5,500LF of 4" lateral drainage (hard connect to 24" pipe)
- Furnish and install structures ND-02 and D-01 – outlet pipe stubbed 5' into field footprint by others



- Furnish, install and Grade 4.5" of Base Stone
- Furnish, Install and Grade 1.5" of Finish Stone
- Furnish and install two (2) 20' Tall Foul Poles w/ Wings
- Furnish and install 1,265' of corrugated fence topper
- Furnish and install four (4) poles and 157' of 40' Tall Tie-Back Netting
- Furnish and install 684' of 6' Tall BVC Fence down foul lines (Include Top and Bottom Rail) including:
 - Four (4) Man Gates (4' width)
 - One (1) Vehicle Gate (12' Width)
- Furnish and install 580' of 8' Tall BVC Outfield Fence (Include Top and Bottom Rail)
- Furnish and install 48' of 4' Tall BVC Fence (Include Top and Bottom Rail) in front of dugouts

TURF INSTALLTION

- Furnish and install Motz synthetic turf system as noted
- Secure all 15' wide panels of turf by state-of-the-art seaming methods while also using premium adhesives on inlays to ensure maximum bonding
- Furnish and install field markings per the markings selected by owner
- Furnish and install infill system to appropriate depths

Softball

PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner's team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris

BASE CONSTRUCTION

- Receive site at prepared subgrade - Receive compacted subgrade by others to a tolerance of 1/2" +/- in any 10' grid and not deviate more than 1/2" across entire field footprint from one edge to another edge
 - No net gain or net losses of material on site across the field footprint
- Fine grade subgrade
- Roll and compact subgrade
- Form and pour 636LF of 12x8 curb around fence post around fence post from end of dugout, around outfield fence, and to end of other dugout
- Furnish and Install geo-fabric over subgrade
- Furnish, Trench and install 220LF of 10" main collector pipe



- Furnish, Trench and install 2,100LF of 4" lateral drainage (hard connect to 12" pipe)
- Furnish and install structures FN-01 and F-02
- Furnish, Install and Grade 4.5" of Base Stone
- Furnish, install and Grade 1.5" of Finish Stone
- Furnish and Install (2) 20' Tall Foul Poles w/ Wings
- Furnish and Install 750' of corrugated fence topper
- Furnish and Install four (4) poles and 112' of 40' Tall Tie-Back Netting
- Furnish and Install 414' of 6' Tall BVC Fence down foul lines (Include Top and Bottom Rail) including:
 - Four (4) Man Gates (4' Width)
 - One (1) Vehicle Gate (12' Width)
- Furnish and Install 336' of 8' Tall BVC Outfield Fence (Include Top and Bottom Rail)
- Furnish and Install 48' of 6' Tall BVC Fence (Include Top and Bottom Rail) in front of dugouts

Hitting Tunnel

PRECONSTRUCTION

- Project management overseen by The Motz Group
- Organize and lead a preconstruction meeting with the owner's team
- Provide submittals for turf system
- Furnish dumpsters and remove all field construction related trash and debris

TURF INSTALLTION

- Furnish and install Motz synthetic turf system on top of concrete pad (by others)
- Secure all panels of turf by state-of-the-art seaming methods while also using premium adhesives on inlays to ensure maximum bonding

MAINTENANCE & WARRANTY – BASEBALL AND SOFTBALL ONLY

- Provide owner's manuals AND training by The Motz Group and our Motz Group employed technicians
- Provide The Motz Group's industry leading Cover 3™ Warranty which covers surface materials, workmanship, AND the base materials for eight (8) years.
 - 24-hour response time to play critical areas (48-hr to all others)
 - Any time training on care of field and maintenance
- Provide two (2) Stihl Powerbrooms

ASSUMPTIONS/CLARIFICATIONS/EXCLUSIONS – ALL PROJECTS



- Pricing based on Construction Documents dated 6.24.24
- One mobilization to each school
- Access road is to be provided by site contractor
- Access for indoor is via "Field Corridor"
- Does not include design or M365 Service (unless selected)
- Does not include demolition of any existing structures not specifically called out above
- Does not include any site work outside of the playing surface footprint including but not limited to lighting, dugouts, backstops, bleachers, etc. unless called out above
- Does not include prevailing wages and/or union affiliations
- Does not include permits, fees, licenses, or engineering (including stamped drawings) costs associated with permitting or design of site or stormwater management requirements
- Does not include relocating, replacing, repairing, supplying, or reconnecting any existing or proposed utilities including but not limited to; water, electric, sanitary, cable, fiber optic, gas, etc.... that is not specifically called out above
- Does not include additional field markings, lettering, logos, mow pattern appearance, sports equipment, maintenance equipment, etc.... that is not specifically called out above or selected
- Does not include any work associated with unsuitable soils or rock excavation
- Does not include any fencing/backstops, or field equipment unless called out above
- Does include cooperative purchasing discounts
- Does not include sales tax on materials over \$5,000. Assumes owner will participate in owner direct purchasing of materials as required for tax exemption in the State of Kentucky
- Pricing is good for 30 days from 7.18.2024

**KENTUCKY DEPARTMENT OF EDUCATION
NON-COLLUSION AFFIDAVIT**
702 KAR 4:160

The undersigned agent, being duly sworn, states that neither he/she nor his/her firm has any relationship (financial or through kinship) to:

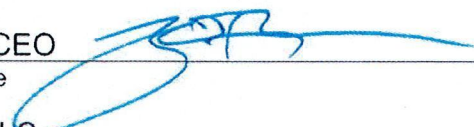
- Any school board member or the superintendent;
- Any or all prime contractors or material suppliers when using the construction management method of construction.

The undersigned further states that he/she has not entered into any agreement or collusion with any person relative to the price bid by anyone nor has he/she attempted to induce anyone to refrain from bidding.

Explain below any kinship or financial relationship you may have to any parties as mentioned above on this project.

This affidavit is subject to KRS 45A.455 prohibition against conflict of interest, and gratuities and kickbacks.

Zachary D Burns, CEO
Name Title



The Motz Group, LLC.
Name of Company

Subscribed and Sworn to Me this

_____ 1st day of July _____.

20 24 _____.

Notary Signature



TYLER B. TURNER
Notary Public
State of Ohio
My Comm. Expires
December 18, 2027

My Commission expires:

_____ December 18, 2027 _____.

Notary Seal

BSS415 StormGuard® Professionally Pre-Engineered 15' Straight Pole Break-Away Ball Safety Netting System and Accessories

SECTION 11 68 33 Athletic Field Equipment
(Formally Section 11480)

PART 1 GENERAL

1.01 WORK INCLUDED

A. Provide all equipment and materials, and do all work necessary to furnish and install the athletic equipment, as indicated on the drawings and as specified herein. Athletic equipment shall include, but not be limited to:

1. BSS415 StormGuard® Professionally Pre-Engineered 15' Straight Pole Break-Away Ball Safety Netting System and Accessories

1.02 RELATED WORK

A. Examine contract documents for requirements that affect work of this section. Other specification divisions and sections that directly relate to the work of this section include, but are not limited to:

1. Division 03 – Concrete; Sections: Cast-in-Place Concrete
2. Division 31 – Earthwork; Sections: Excavation and Backfill and Establishment of Sub-Grade Elevations
3. Division 32 – Exterior Improvements; Sections: Athletic and Recreational Surfacing, Concrete, Asphalt and Site Improvements

1.03 REFERENCES

A. Comply with applicable requirements of the following standards. Where these standards conflict with other specified requirements, the most restrictive requirements shall govern.

1. National Federation of State High School Associations (NFHS)
2. National Collegiate Athletic Association (NCAA)
3. International Association of Athletics Federations (IAAF)
4. American Sports Builders Association (ASBA)
5. Manufacturers Data and Recommended Installation Requirements

1.04 SUBMITTALS

A. Manufacturers Product Data

1. Provide manufacturers product data prior to actual field installation work, for Architects or Owners representatives review.

B. Shop Drawings

1. Provide drawings of the manufacturers recommended installation and foundation requirements prior to actual field installation work, for Architects or Owners representatives review.

1.05 QUALITY ASSURANCE

- A.** Manufacturers warranties shall pass to the Owner and certification made that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements. The Manufacturer shall have a current American Sports Builders Association (ASBA) Supplier Certificate of Distinction designation.

1.06 PRODUCT DELIVERY AND STORAGE

- A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

PART 2 PRODUCTS

2.01 BSS415 StormGuard® Professionally Pre-Engineered 15' Straight Pole Break-Away Ball Safety Netting System and Accessories

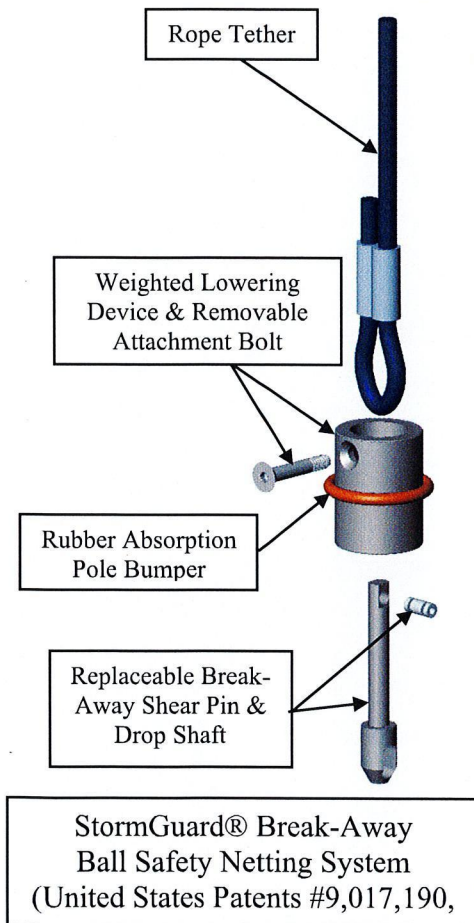
- A.** BASE: BSS415 StormGuard® Professionally Pre-Engineered 15' Straight Pole Break-Away Ball Safety Netting System and Accessories as Manufactured and/or Supplied by:

Sportsfield Specialties, Inc.
P.O. Box 231
41155 State Highway 10
Delhi, NY 13753
p. 888-975-3343
f. 607-746-8481
www.sportsfieldspecialties.com

- B. COMPONENTS:**

1. BSS415 StormGuard® Professionally Pre-Engineered Break-Away Ball Safety Netting System Straight Poles:
 - a. 3-1/2" Schedule 40 Aluminum Pipe (4" O.D.), 18'-6"L
 - b. Standard Powder Coated Black Finish, Various Standard and Custom Powder Coat Finish Color Options Available

2. StormGuard® Professionally Pre-Engineered Break-Away Ball Safety Netting System (United States Patents #9,017,190, Issued April 28, 2015 and #9,586,123, Issued March 7, 2017):



- a. StormGuard® is the first and only ball safety netting system in the industry that is both designed and professionally pre-engineered to allow the net to fall to the ground before failures of the poles and/or hardware occur under extreme wind speed and/or adverse weather conditions such as ice and snow. This patented feature utilizes a shear pin device attached to the net at the top of each pole.

As shown in the diagram, the snap clip that holds the net up is attached to the oblong shaped hole located at the bottom of the smaller drop shaft that is connected to the cylindrical steel weight utilizing a 150 lb. break strength aluminum shear pin. The cylindrical steel weight is semi-permanently attached to the rope tether that hoists the net up and down with a removable bolt and includes a rubber absorption bumper to prevent damage to the pole's powder coated black finish.

The poles are installed at a maximum of twenty-five foot (25') on center or less. When the wind speed exceeds approximately sixty-five to seventy miles per hour (65 - 70 mph), the 150 lb. break strength aluminum shear pin will react to the environmental conditions by allowing the smaller drop shaft to release from the cylindrical steel weight causing the net to fall to the ground. The end user then simply unwinds the rope tether from the cleat, lowers the cylindrical steel weight to the ground, replaces the already provided aluminum shear pin and raises the net back up.

3. Ground Sleeves with Welded Base Plates:
 - a. 30"L Ground Sleeves
 - b. Aluminum Tube with Alignment Bolt

4. Net with Perimeter Rope Binding:
 - a. Overall Dimensions Specified by Customer
 - b. 1-3/4" Square Mesh

- c. #36 Black Nylon
- d. Sewn 1/4" Diameter Braided Rope Binding on Perimeter Edges
- e. Standard Color is Black

5. Included Accessories:

- a. Stainless Steel and/or Galvanized Steel Assembly Hardware
- b. Fixed Welded Upper Tab and Adjustable Lower Bracket with Tensioned Vertical Slide Cable System
- c. Secure Snap Clips for Net Attachment
- d. 3/16" Diameter Galvanized Wire Rope Black Vinyl Coated to 1/4" Diameter
- e. Black Plastic Friction Fit Ground Sleeve Caps
- f. Model Specific Hardware Kit and Installation Instructions

6. Optional Accessories:

- a. Base Plate Mount Ball Safety Netting Systems
- b. Custom Ball Safety Netting System Sizes and Designs Available Upon Request
- c. Custom Net Mesh Sizes and Colors Available Upon Request
- d. Stamped and Sealed Drawings and Calculations by a Licensed Professional Engineer of Record in the State of Project Location

PART 3 EXECUTION

3.01 INSTALLATION OF EQUIPMENT

- A.** All BSS415 StormGuard® Professionally Pre-Engineered 15' Straight Pole Break-Away Ball Safety Netting System and Accessories shall be installed as recommended per manufacturer's written instructions and as indicated on the drawings. Concrete anchoring foundations to be determined by others based on local soil conditions and building codes. Installer should have a minimum of five (5) ball safety netting system installations or similar experience in the previous three (3) years.

END OF SECTION

FPW420 - 20' Foul Pole with Wing

SECTION 11 68 33 Athletic Field Equipment

SECTION 11 68 33.33 Baseball Field Equipment

(Formally Section 11480)

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Provide all equipment and materials, and do all work necessary to furnish and install the athletic equipment, as indicated on the drawings and as specified herein. Athletic equipment shall include, but not be limited to:

1. FPW420 - 20' Foul Pole with Wing

1.02 RELATED WORK

- A. Examine contract documents for requirements that affect work of this section. Other specification divisions and sections that directly relate to the work of this section include, but are not limited to:

1. Division 03 – Concrete; Sections: Cast-in-Place Concrete
2. Division 31 – Earthwork; Sections: Excavation and Backfill and Establishment of Sub-Grade Elevations
3. Division 32 – Exterior Improvements; Sections: Athletic and Recreational Surfacing, Concrete and Asphalt

1.03 REFERENCES

- A. Comply with applicable requirements of the following standards. Where these standards conflict with other specified requirements, the most restrictive requirements shall govern.

1. National Federation of State High School Associations (NFHS)
2. National Collegiate Athletic Association (NCAA)
3. International Association of Athletics Federations (IAAF)
4. American Sports Builders Association (ASBA)
5. Manufacturers Data and Recommended Installation Requirements

1.04 SUBMITTALS

- A. Manufacturers Product Data

1. Provide manufacturers product data prior to actual field installation work, for Architects or Owners representatives

review.

B. Shop Drawings

1. Provide drawings of the manufacturers recommended installation and foundation requirements prior to actual field installation work, for Architects or Owners representatives review.

1.05 QUALITY ASSURANCE

- A.** Manufacturers warranties shall pass to the Owner and certification made that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

1.06 PRODUCT DELIVERY AND STORAGE

- A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

PART 2 PRODUCTS

2.01 FPW420 - 20' Foul Pole with Wing

- A.** BASE: FPW420 - 20' Foul Pole with Wing as Manufactured and/or Supplied by:

Sportsfield Specialties, Inc.
P.O. Box 231
41155 State Highway 10
Delhi, NY 13753
p. 888-975-3343
www.sportsfieldspecialties.com

- B.** COMPONENTS:

1. Foul Pole Upright:
 - a. 4" Aluminum Tube (4" O.D. x 1/8" Wall)
 - b. 20' Height Above Finish Grade
 - c. Super Durable Powder Coated Finish
 - i. Color: Yellow, Orange, or White
2. Foul Pole Wing:

- a. Stamped 1/8" (0.125") Aluminum Sheet with Double Reinforced Bends Welded at Corners
 - b. 1.5" Square Open Mesh
 - c. 18"W x 12'L
 - i. Top of Upright Pole to 8' Above Finish Grade
3. Ground Sleeve:
- a. 2-6" Depth
 - b. Aluminum Construction
 - c. Alignment Bolt
 - d. Welded Leveling Plate
4. Stainless Steel Assembly Hardware

PART 3 EXECUTION

3.01 INSTALLATION OF EQUIPMENT

- A.** All Foul Pole Equipment and Accessories shall be installed as recommended per manufacturer's written instructions and as indicated on the drawings. Concrete anchoring foundations to be determined by others based on local soil conditions and building codes. Installer should have a minimum of five (5) baseball/softball equipment installations or similar experience in the previous three (3) years.

END OF SECTION

TNTBUC Tie-Back Tension Ball Safety Netting System with Ultra Cross Netting and Accessories

SECTION 11 68 33 Athletic Field Equipment
(Formally Section 11480)

PART 1 GENERAL

1.01 WORK INCLUDED

A. Provide all equipment and materials, and do all work necessary to furnish and install the athletic equipment, as indicated on the drawings and as specified herein. Athletic equipment shall include, but not be limited to:

1. TNTBUC Tie-Back Tension Ball Safety Netting System with Ultra Cross Netting and Accessories

1.02 RELATED WORK

A. Examine contract documents for requirements that affect work of this section. Other specification divisions and sections that directly relate to the work of this section include, but are not limited to:

1. Division 03 – Concrete; Sections: Cast-in-Place Concrete
2. Division 31 – Earthwork; Sections: Excavation and Backfill and Establishment of Sub-Grade Elevations
3. Division 32 – Exterior Improvements; Sections: Athletic and Recreational Surfacing, Concrete, Asphalt and Site Improvements

1.03 REFERENCES

A. Comply with applicable requirements of the following standards. Where these standards conflict with other specified requirements, the most restrictive requirements shall govern.

1. National Federation of State High School Associations (NFHS)
2. National Collegiate Athletic Association (NCAA)
3. International Association of Athletics Federations (IAAF)
4. American Sports Builders Association (ASBA)
5. Manufacturers Data and Recommended Installation Requirements

1.04 SUBMITTALS

A. Manufacturers Product Data

1. Provide manufacturers product data prior to actual field installation work, for Architects or Owners representatives review.

B. Shop Drawings

1. Provide drawings of the manufacturers recommended installation and foundation requirements prior to actual field installation work, for Architects or Owners representatives review.

1.05 QUALITY ASSURANCE

- A.** Manufacturers warranties shall pass to the Owner and certification made that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements. The Manufacturer shall have a current American Sports Builders Association (ASBA) Supplier Certificate of Distinction designation.

1.06 PRODUCT DELIVERY AND STORAGE

- A.** Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

PART 2 PRODUCTS

2.01 TNTBUC Tie-Back Tension Ball Safety Netting System with Ultra Cross Netting and Accessories

- A.** BASE: TNTBUC – Tie-Back Tension Ball Safety Netting System with Ultra Cross Netting and Accessories as Manufactured and/or Supplied by:

Sportsfield Specialties, Inc.
P.O. Box 231
41155 State Highway 10
Delhi, NY 13753
p. 888-975-3343
f. 607-746-8481
www.sportsfieldspecialties.com

- B.** COMPONENTS:

1. Tie-Back Tension Ball Safety Netting System Upright Support Posts and Tie-Back Structures – Fabricated, Sized and Configured as Required:
 - a. Height Above Finish Grade as Required
 - b. Super Durable Powder Coated Black Finish with Enhanced Resistance to UV and Fade
 - c. Ground Sleeve, Base Plate or Permanent Embedment Mount
 - d. Hot Dipped Galvanized Assembly Hardware - Quantities, Sizes and Configurations as Required

2. Tie-Back Tension Ball Safety Netting System Wire Rope Support Structure:
 - a. Length, Height and Configuration as Required
 - b. 6 x 25 IWRC Galvanized Wire Rope - 5/8” Diameter Main Horizontal Support, 37,000 lb. Minimum Breaking Strength, 12,333 lb. Minimum Working Load Limit
 - c. 7 x 19 GAC Galvanized Aircraft Cable - 3/8” Diameter Tie-Back Support, 14,400 lb. Minimum Breaking Strength, 4,800 lb. Minimum Working Load Limit
 - d. 7 x 19 GAC Galvanized Aircraft Cable - 1/4” Diameter Vertical and Bottom Horizontal Supports, 7,000 lb. Minimum Breaking Strength, 2,333 lb. Minimum Working Load Limit
 - e. Hot Dipped Galvanized Attachment and Assembly Hardware - Quantities, Sizes and Configurations as Required

3. Tie-Back Tension Ball Safety Netting System Net and Rope Bound Border:
 - a. Length, Height and Configuration as Required
 - b. Ultra Cross Knotless Netting
 - c. Dyneema® Ultra-High Molecular Weight Polyethylene (UHMWPE) SK-75 Black Fiber Construction
 - d. 4 Ply, 1.2 mm (0.0472”) Diameter Twine
 - e. 95% Open Mesh Area (See-Through Visibility)
 - f. 58,445 psi Minimum Breaking Strength
 - g. 30% Maximum Elongation at Break
 - h. 1-3/4” (44 mm) Square Mesh Size, 0.009 lbs. per Square Foot
 - i. 4-Strand, Braided, Continuous Monofilament Dyneema® Fiber
 - j. Black Multi-Filament Polypropylene Solid Braid Derby Rope Sewn Binding on Perimeter Edges - 1/4” Diameter, 530 lb. Minimum Breaking Strength
 - k. Urethane Black Bonded Finish
 - l. Strong Resistance to Ultraviolet (UV) Light Degradation
 - m. Excellent Resistance to Chemicals and Water Absorption

4. Included Accessories:
 - a. Hot Dipped Galvanized Attachment and Assembly Hardware -

- Quantities, Sizes and Configurations as Required
- b. Black Rope for Net Binding Attachment to Wire Rope Support Structure – Quantities and Configurations as Required
 - c. Stamped and Sealed Drawings and Calculations by a Licensed Professional Engineer of Record in the State of Project Location
 - d. Model Specific Hardware Kit and Installation Instructions
 - e. One (1) Year Limited Manufacturer's Product Warranty

PART 3 EXECUTION

3.01 INSTALLATION OF EQUIPMENT

- A.** All TNTBUC Tie-Back Tension Ball Safety Netting Systems with Ultra Cross Netting and Accessories shall be installed as recommended per manufacturer's written instructions and as indicated on the drawings. Concrete anchoring foundations to be determined by others based on local soil conditions and building codes. Installer should have a minimum of five (5) ball safety netting system installations or similar experience in the previous three (3) years.

END OF SECTION



**The Motz Group's TriplePlay Turf System for
Bullitt County's Baseball and Softball Projects**

1.0 PRODUCTS

1.1 Approved Products: The Motz Group's TriplePlay System as described in the following specifications

1.2 Materials

- A. This is a multi-surface system designed to mimic a true baseball/softball field. Fabric must be manufactured by same source and infills must be followed precisely. Refer to grids in section 1.3.
- B. Shall be tufted, polyethylene, grass-like fabric coated with a secondary backing of high-grade polyurethane. Refer to grids in section 1.3. The two fibers specified in this grid shall be tufted through the same needle in a grass-like fabric to a finished pile-height also specified in the grid.
- C. All components and their installation method shall be designed and manufactured for use on outdoor athletic fields. The materials as hereinafter specified should be able to withstand exposure in all climates, be resistant to insect infestation, rot, fungus, mildew, ultraviolet light, and heat degradation, and shall have the basic characteristics of flow-through drainage, allowing free movement of surface runoff through the synthetic turf fabric where such water may flow to the existing base and into the field drainage system.
- D. The finished playing surface shall appear as mowed grass and clay surface and shall resist abrasion and cutting from normal use.
- E. The polyethylene pile yarn shall be a proven athletic caliber yarn designed specifically for outdoor use and stabilized to resist the effect of ultraviolet degradation, heat, foot traffic, water, and airborne pollutants.
- F. The system shall be tufted at the pile height and gauge listed in specification grid, refer to grid in section 1.3.
- G. The Primary Backing must be a multi-layer backing, contain UV stabilizers and must pass 3000 hours of QUV A testing, refer to grid in section 1.3.
- H. The Secondary Backing of high-grade polyurethane shall be applied to the Primary Backing. Secondary Backing adds resistance to water degradation and strengthens grip on fibers, refer to grids in 1.3.



- I. The entire backing shall be coated with holes perforated throughout the backing at the Synthetic Turf Manufacturer’s recommended interval to allow for drainage. Partially coated backings or latex coating materials shall not be acceptable.
- J. Perimeter edge details, underground storm sewer piping and connections, and goal post foundations required for the system shall be as detailed and recommended by the Design Professional, and as approved by the Owner. The cost for these embedded items shall be included in the Sitework Contractor’s price along with the compacted, porous base.

1.3 SYSTEM COMPONENTS:

Infield “Clay” Areas

Pile Yarn	Slit Film with thatch	METHOD
Linear Density (Denier) Slit/thatch*	8,000/4,400	ASTM D 1577
Yarn Thickness Slit/thatch	100/110	ASTM D 3218
Pile Weight****	55 oz./yd ²	ASTM D 5848
Finished Pile Height****	1.625	ASTM D 5823
Product Weight (total)***	83 oz./yd ²	ASTM D 5848
Primary Backing Weight****	8 oz./yd ²	ASTM D 5848
Secondary Coating Weight+	20 oz./yd ²	ASTM D 5848
Fabric Width	15’ (4.57m)	ASTM D 5793
Tuft Gauge	3/8”	ASTM D 5793
Grab Tear Strength Avg.	> 200 lb.-F	ASTM D 5034
Tuft Bind (Avg.)	> 10 lb.-F	ASTM D 1335
Infilltrometer	> 25	ASTM D3885
Recommended infill	Sand	See sec 2.4
Recommended infill	Rubber	See sec 2.4

Except where noted the above specifications are nominal.

* Values are +/- 8%. ***Values are +/- 10 oz. ****Values are +/- 5%. +Values are +/- 3 oz./yd².

Warning Track

Pile Yarn	Slit Film	METHOD
Linear Density (Denier) Slit Film*	9,000	ASTM D 1577
Yarn Thickness Slit	100 microns	ASTM D 3218
Pile Weight****	30 oz./yd ²	ASTM D 5848



Finished Pile Height****	1.75	ASTM D 5823
Product Weight (total)***	58 oz./yd ²	ASTM D 5848
Primary Backing Weight****	8 oz./yd ²	ASTM D 5848
Secondary Coating Weight+	20 oz./yd ²	ASTM D 5848
Fabric Width	15' (4.57m)	ASTM D 5793
Tuft Gauge	1/2"	ASTM D 5793
Grab Tear Strength Avg.	> 200 lb.-F	ASTM D 5034
Tuft Bind (Avg.)	> 8 lb.-F	ASTM D 1335
Infilltrometer	> 25	ASTM D3885
Recommended infill	Sand	
Recommended infill	Safeshell	

Except where noted the above specifications are nominal.

* Values are +/- 8%. ***Values are +/- 10 oz. ****Values are +/- 5%. +Values are +/- 3 oz./yd².

“Grass” Areas

Pile Yarn	Slit Film	METHOD
Linear Density (Denier)*	9,000	ASTM D 1577
Yarn Thickness	110 microns	ASTM D 3218
Pile Weight****	41 oz./yd ²	ASTM D 5848
Finished Pile Height****	2.0	ASTM D 5823
Product Weight (total)***	69 oz./yd ²	ASTM D 5848
Primary Backing Weight****	8 oz./yd ²	ASTM D 5848
Secondary Coating Weight+	20 oz./yd ²	ASTM D 5848
Fabric Width	15' (4.57m)	ASTM D 5793
Tuft Gauge	3/8"	ASTM D 5793
Grab Tear Strength Avg.	> 200 lb.-F	ASTM D 5034
Tuft Bind (Avg.)	> 10 lb.-F	ASTM D 1335
Infilltrometer	> 25	ASTM D3885

Except where noted the above specifications are nominal.

* Values are +/- 8%. ***Values are +/- 10 oz. ****Values are +/- 5%. +Values are +/- 3 oz./yd².

Baseball Pitcher's Mound

Pile Yarn	Monofilament/Slit Film with thatch	METHOD
Linear Density (Denier) Mono/Slit/Thatch*	7,200/5,000/4,400	ASTM D 1577
Yarn Thickness Mono/Slit/Thatch	300/100/100 microns	ASTM D 3218
Pile Weight****	54 oz./yd ²	ASTM D 5848



Finished Pile Height****	2.25	ASTM D 5823
Product Weight (total)***	82 oz./yd ²	ASTM D 5848
Primary Backing Weight****	8 oz./yd ²	ASTM D 5848
Secondary Coating Weight+	20 oz./yd ²	ASTM D 5848
Fabric Width	15' (4.57m)	ASTM D 5793
Tuft Gauge	1/2"	ASTM D 5793
Grab Tear Strength Avg.	> 200 lb.-F	ASTM D 5034
Tuft Bind (Avg.)	> 10 lb.-F	ASTM D 1335
Infilltrometer	> 25	ASTM D3885

Except where noted the above specifications are nominal.

* Values are +/- 8%. ***Values are +/- 10 oz. ****Values are +/- 5%. +Values are +/- 3 oz./yd².

Hitting Cages

Pile Yarn	Slit Film w/ Nylon Thatch	METHOD
Linear Density (Denier, Tape)*	8,000	ASTM D 1577
Linear Density (Denier, Nylon)*	4,400	ASTM D 1577
Yarn Thickness (Tape)	100 microns	ASTM D 3218
Yarn Thickness (Nylon)	100 microns	ASTM D 3218
Pile Weight****	48 oz./yd ²	ASTM D 5848
Finished Pile Height****	.75	ASTM D 5823
Product Weight (total)***	76 oz./yd ²	ASTM D 5848
Primary Backing Weight****	8 oz./yd ²	ASTM D 5848
Secondary Coating Weight+	20 oz./yd ²	ASTM D 5848
Fabric Width	15' (4.57m)	ASTM D 5793
Tuft Gauge	1/4"	ASTM D 5793
Grab Tear Strength Avg.	> 200lb - F	ASTM D 5034
Tuft Bind (Avg.)	> 10lb - F	ASTM D 1335
Infilltrometer	> 14	ASTM D3885

Except where noted the above specifications are nominal.

* Values are +/- 8%. ***Values are +/- 10 oz. ****Values are +/- 5%. +Values are +/- 3 oz./yd².

2.0 EXECUTION

2.1 General

- A. The installation shall be performed in full compliance with approved shop drawings.



- B. Only factory-trained technicians skilled in the installation of athletic caliber synthetic turf systems shall undertake the placement of the system.



July 16, 2024

Re: The Motz Group, LLC – Prequalification

To Whom This May Concern:

McGriff Insurance Services, Inc. has had the privilege of providing bonds for The Motz Group, LLC since 2008. United States Fire Insurance Company has the privilege of providing Surety Credit for The Motz Group, LLC and has been handling The Motz Group, LLC since 2019. United States Fire Insurance Company is rated "A (Excellent)" by A. M. Best Financial Size Category XIV and is licensed to do business in all states and has a current treasury listing of \$211,757,000.00 as of the most recent Treasury Listing of Approved Sureties.

We consider The Motz Group, LLC to be properly equipped, capably staffed and adequately financed. Our dealings with the principal of this company have always been excellent. They qualify for individual projects in the \$30,000,000 range with an aggregate bonding capacity of \$45,000,000. These limits do not represent the maximum we would consider supporting. The Motz Group, LLC is completing all current projects in a satisfactory manner and has never defaulted on a project. United States Fire Insurance Company has never had to intervene in or complete any of The Motz Group's projects.

It is our understanding that The Motz Group, LLC has or will be submitting a proposal to you. We anticipate no problems with providing 100% performance and payment bonds. As always, the surety reserves the right to perform normal underwriting at the time of any bond request, including, without limitation, prior review and approval of relevant contract documents, bond forms, and project financing. Our consideration and issuance of bonds is a matter solely between The Motz Group, LLC and ourselves and we assume no liability to third parties or to you by the issuance of this letter.

We appreciate having the opportunity to share with you our experience with this fine company and urge you to give them every consideration. Please contact me should you have any questions regarding this valued customer.

Very truly yours,

A handwritten signature in blue ink that reads "Jeffrey M. Wilson".

Jeffrey M. Wilson
Attorney-in-Fact
McGriff Insurance Services, LLC



**POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE - MORRISTOWN, NEW JERSEY**

50915

KNOW ALL MEN BY THESE PRESENTS: That United States Fire Insurance Company, a corporation duly organized and existing under the laws of the state of Delaware, has made, constituted and appointed, and does hereby make, constitute and appoint:

Jeffrey M. Wilson, Richard H. Mitchell, William M. Smith, Robert R. Freel, Anna K. Childress, Mark W. Edwards, II, Alisa B. Ferris,
Robert Read Davis, R.E. Daniels, Shelby E. Daniels

each, its true and lawful Attorney(s)-In-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver: Any and all bonds and undertakings of surety and other documents that the ordinary course of surety business may require, and to bind United States Fire Insurance Company thereby as fully and to the same extent as if such bonds or undertakings had been duly executed and acknowledged by the regularly elected officers of United States Fire Insurance Company at its principal office, in amounts or penalties: **Unlimited**

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind United States Fire Insurance Company except in the manner and to the extent therein stated.

This Power of Attorney is granted pursuant to Article IV of the By-Laws of United States Fire Insurance Company as now in full force and effect, and consistent with Article III thereof, which Articles provide, in pertinent part:

Article IV, Execution of Instruments - Except as the Board of Directors may authorize by resolution, the Chairman of the Board, President, any Vice-President, any Assistant Vice President, the Secretary, or any Assistant Secretary shall have power on behalf of the Corporation:

- (a) to execute, affix the corporate seal manually or by facsimile to, acknowledge, verify and deliver any contracts, obligations, instruments and documents whatsoever in connection with its business including, without limiting the foregoing, any bonds, guarantees, undertakings, recognizances, powers of attorney or revocations of any powers of attorney, stipulations, policies of insurance, deeds, leases, mortgages, releases, satisfactions and agency agreements;
- (b) to appoint, in writing, one or more persons for any or all of the purposes mentioned in the preceding paragraph (a), including affixing the seal of the Corporation.

Article III, Officers, Section 3.11, Facsimile Signatures. The signature of any officer authorized by the Corporation to sign any bonds, guarantees, undertakings, recognizances, stipulations, powers of attorney or revocations of any powers of attorney and policies of insurance issued by the Corporation may be printed, facsimile, lithographed or otherwise produced. In addition, if and as authorized by the Board of Directors, dividend warrants or checks, or other numerous instruments similar to one another in form, may be signed by the facsimile signature or signatures, lithographed or otherwise produced, of such officer or officers of the Corporation as from time to time may be authorized to sign such instruments on behalf of the Corporation. The Corporation may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Corporation, notwithstanding the fact that he may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officer and its corporate seal hereunto affixed this 28th day of September, 2021.

UNITED STATES FIRE INSURANCE COMPANY

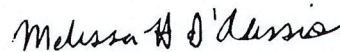
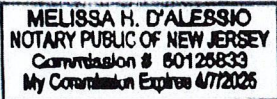


Matthew E. Lubin, President



State of New Jersey }
County of Morris }

On this 28th day of September, 2021, before me, a Notary public of the State of New Jersey, came the above named officer of United States Fire Insurance Company, to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seal of United States Fire Insurance Company thereto by the authority of his office.



Melissa H. D'Alessio (Notary Public)

I, the undersigned officer of United States Fire Insurance Company, a Delaware corporation, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy is still in force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of United States Fire Insurance Company on the 01 day of April 20 24

UNITED STATES FIRE INSURANCE COMPANY



Michael C. Fay, Senior Vice President



