



**Form G.1 – Base Bid Pricing**

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**ESNJ/AEPA IFB #016 - G - Athletic Surfaces – Synthetic Turf**

**Bidding Company Name:** ***Pro Grass, LLC***

**Pricing for all synthetic turf products and services that meet the bid specifications.**

<b>Description of Cost Factors</b>	<b>Unit of Measure</b>	<b>Bid Price</b>
Performance and payment bond - bonding rate (percent of project)	Percent	2%
Bonding capacity - total amount of capacity available	Dollar Amount	\$ 15,000,000.00
AEPA Discounts offered on individual manufacturer's published price lists/catalogs.	Percent	N/A
Alternative Methods of Costing - Percent of Overhead and Profit added to the cost.	Percent	10%
Rate of Discounts offered off Alternative Costing Methods (cost + profit & overhead)	Percent	2%
R.S. Means Multiplier/Factor for State Wage Rates Projects - Normal Working Hours (Defined as 7:00 a.m. to 5:00 p.m. Mondays-Fridays)	Percent	1.3%
R.S. Means Multiplier/Factor for Non-State Wage Rates Projects - Normal Working Hours (Defined as 7:00 a.m. to 5:00 p.m. Mondays-Fridays)	Percent	1.0%

Description of Cost Factors	Unit of Measure	Bid Price
R.S. Means Multiplier/Factor for State Wage Rates Projects - Outside Normal Working Hours (Defined as Weekends and after 5:00 p.m. Mondays-Fridays)	Percent	1.5%
R.S. Means Multiplier/Factor for Non-State Wage Rates Projects - Outside Normal Working Hours (Defined as Weekends and after 5:00 p.m. Mondays-Fridays)	Percent	1.25%
Offeror's Support for AEPA Pricing, Percent off the Offeror's Support for AEPA pricing Page	Percent	5%

Labor Rates ( add lines for other labor classes as needed)				
Labor Class	Unit of Measure	List Price	Bid Discount Percentage	Bid Price (List Price - Bid Discount Percentage)
Engineering Services	per hour	\$ 250.00	5%	\$ 237.50
Design Services	per hour	\$ 250.00	5%	\$ 237.50
Project Manager	per hour	\$ 150.00	5%	\$ 142.50
Crew Supervisor	per hour	\$ 100.00	5%	\$ 95.00
Installer	per hour	\$ 75.00	5%	\$ 71.25
Laborer	per hour	\$ 50.00	5%	\$ 47.50

Add lines items as needed below				
Product Description	Unit of Measure	List Price	Bid Discount Percentage	Bid Price (List Price - Bid Discount Percentage)
Football Numbers or Arrows	Per Field	\$ 4,839	5%	\$ 4,597
Football Yard & Hash Marks	Per Field	\$ 9,375	5%	\$ 8,907
Soccer Markings	Per Field	\$ 10,284	5%	\$ 9,770
Baseball Markings	Per Field	\$ 6,200	5%	\$ 5,890
Baseball Markings	Per Field	\$ 6,200	5%	\$ 5,890
Lacrosse Markings	Per Field	\$ 7,864	5%	\$ 7,471
Field Hockey Markings	Per Field	\$ 5,807	5%	\$ 5,517
Rugby Markings	Per Field	\$ 15,124	5%	\$ 14,368
Media Line	Per Field	\$ 5,444	5%	\$ 5,172
Tick Marks One Sport	Per Sport	\$ 2,419	5%	\$ 2,298
Field or End-Zone Logo Inlaid - One Color	Each	\$ 23,100	5%	\$ 21,945
Field or End-Zone Logo Inlaid - Two or more Color	Each	\$ 29,700	5%	\$ 28,215
Field or End-Zone Logo - Painted One Color	Each	\$ 16,500	5%	\$ 15,675

Description of Cost Factors	Unit of Measure	Bid Price	Bid Discount % Bid Price (List Price - Bid Discount %	
Field or End-Zone Logo - Painted Two or more Color	Each	\$ 19,800	5%	\$ 18,810
Colored End Zone	Each	\$ 3,750	5%	\$ 3,562
Field or End-Zone Letter Inlaid - One Color	Each	\$ 2,177	5%	\$ 2,068
Field or End-Zone Letter Inlaid - Two or more Color	Each	\$ 2,310	5%	\$ 2,195
Field or End-Zone Letter - Painted One Color	Each	\$ 1,320	5%	\$ 1,254
Field or End-Zone Letter - Painted Two or more Color	Each	\$ 1,980	5%	\$ 1,881
Custom Logo in 3 standard colors	Each	\$ 35,750	5%	\$ 33,963
Turf Groomer Machine	Each	\$ 3,871	5%	\$ 3,677
Turf Sweeper Machine	Each	\$ 5,279	5%	\$ 5,015
8-Year Maintenance Program	Per Year	\$ 3,500	5%	3325
8-Year Maintenance Program (with Equipment)	Per Year	\$ 4,500	5%	4275
G-Max Test	Per Field	\$ 1,500	5%	1425
<b>Infill Granules must be clean and metal free (Add lines items as needed below)</b>				
Product Description	Unit of Measure	List Price	Bid Discount Percentage	Bid Price (List Price - Bid Discount Percentage)
EPDM (Ethylene Propylene Diene Monomer) is a polymer elastomer with high resistance to abrasion and wear and will not change its solid form under high temperatures. Typical EPDM colors are green and tan. EPDM has proven its durability as an infill product in all types of climates. Its excellent elasticity properties and resistance to atmospheric and chemical agents provide a stable, high performance infill product.	Cost Per LB ( based off of a minimum of 80,000 sf area) material and labor	1.05	5%	0.9975

Description of Cost Factors	Unit of Measure	Bid Price	Bid Discount %	Bid Price (List Price -Bid Discount %)
TPE (Thermo plastic elastomer) infill is non-toxic, heavy metal free, available in a variety of colors that resist fading, and 100% recyclable and reusable as infill.	Cost Per LB ( based off of a minimum of 80,000 sf area) material and labor	1.35	5%	1.2825
Organics infill natural cork	Cost Per LBS	N/A	N/A	N/A
Organics infill ground fibers from the outside shell of the coconut.	Cost Per LBS	N/A	N/A	N/A
Silica Sand with no possibility of heavy metals, dust/turbidity rating is less than 100., and purity (greater than 90%).	Cost Per LB ( based off of a minimum of 80,000 sf area) material and labor	0.15	5%	0.1425
Coated Silica Sand with no possibility of heavy metals, dust/turbidity rating is less than 100., purity (greater than 90%), with either a soft or rigid coating specifically engineered for synthetic turf. These coatings are either elastomeric or acrylic in nature (non-toxic).	Cost Per LB ( based off of a minimum of 80,000 sf area) material and labor	0.5	5%	0.475
Crumb Rubber to be substantially metal free, and should not contain liberated fiber in an amount that exceeds .01% of the total weight of crumb rubber, or .6 lbs. per ton.	Cost Per LB ( based off of a minimum of 80,000 sf area) material and labor	0.25	5%	0.2375
Coated Crumb Rubber can be coated with colorants, sealers, or anti-microbial substances.	Cost Per LB ( based off of a minimum of 80,000 sf area)	N/A	N/A	N/A
Zeolite, 8-14 mesh	Cost Per LB ( based off of a minimum of 80,000 sf area) material and labor	0.55	5%	0.5225

**Items as a percentage off Manufacturer, Distributor, Supplier, or Contractor price list.**

Product Class	Unit of Measure	Bid Discount Percentage
Pole Vault Pit	Percentage	2%
Take-Off Boards	Percentage	2%
Shot Put Toe Boards	Percentage	2%
Shot Put Rings	Percentage	2%
Discus Rings	Percentage	2%

Description of Cost Factors	Unit of Measure	Bid Price
Combination Hammer/Discus Cage and cage must meet IAAF rules	Percentage	2%
Hammer/Discus Conversion Ring	Percentage	2%
Water Jump Hurdle with sleeves	Percentage	2%
Water Jump Cover	Percentage	2%
Removable Track Curbing. The curb shall meet the requirements of the IAAF.	Percentage	2%
Long Jump Sandpits and Traps.	Percentage	2%
Sand for Sand Pits and Traps	Percentage	2%
Football goal posts	Percentage	2%
Soccer goals	Percentage	2%
Batting Cages	Percentage	2%

<b>Synthetic Turf Installation - to install synthetic turf on a prepared site)</b>				
Cost to install synthetic turf on a prepared site	Unit of Measure	List Price	Bid Discount Percentage	Bid Price (List Price - Bid Discount Percentage)
High School Football Field	Cost Sq. Ft. (Installation Only)	0.95	5%	0.9025
College or University Football Field	Cost Sq. Ft. (Installation Only)	0.95	5%	0.9025
High School Soccer Field	Cost Sq. Ft. (Installation Only)	0.90	5%	0.855
College or University Soccer Field	Cost Sq. Ft. (Installation Only)	0.90	5%	0.855
High School Baseball Field	Cost Sq. Ft. (Installation Only)	0.98	5%	0.931
College or University Baseball Field	Cost Sq. Ft. (Installation Only)	0.98	5%	0.931
High School Rugby Field	Cost Sq. Ft. (Installation Only)	0.99	5%	0.9405
College or University Rugby Field	Cost Sq. Ft. (Installation Only)	0.99	5%	0.9405
High School Lacrosse Field	Cost Sq. Ft. (Installation Only)	0.96	5%	0.912
College or University Lacrosse Field	Cost Sq. Ft. (Installation Only)	0.96	5%	0.912
Installation of Fields 0-10,000 sq. ft.	Cost Sq. Ft. (Installation Only)	2.50	5%	2.38
Installation of Fields 10,001 to 25,000 sq. ft.	Cost Sq. Ft. (Installation Only)	2.00	5%	1.90
Installation of Fields 25,001 to 50,000 sq. ft.	Cost Sq. Ft. (Installation Only)	1.50	5%	1.425

Description of Cost Factors		Unit of Measure	Bid Price		
Supplier Part Number	Product Description	Unit of Measure	List Price	Bid Discount Percentage	
FIFADX-44-11	PRIMETIME FIFA 2 STAR Synthetic Turf - Xtreme Turf DX 60, Dual monofilament fiber, 44 oz. pile weight, 2.375" pile height, ambient rubber and sand(45% by weight) infill	Cost Sq. Ft. (material and labor)	\$ 5.35	5%	
FIFADX-46-11	PRIMETIME FIFA 2 STAR Synthetic Turf - Xtreme Turf DX 60,dual monofilament fiber, 46 oz. pile weight, 2.375" pile height, ambient rubber and sand(45% by weight) infill	Cost Sq. Ft. (material and labor)	\$ 5.55	5%	
FIFABX-44-11	PRIMETIME FIFA 2 STAR Synthetic Turf - Xtreme Turf BX 60,Slit-film and monofilament fiber, 44 oz. pile weight, 2.375" pile height, ambient rubber and sand(45% by weight) infill	Cost Sq. Ft. (material and labor)	\$ 5.25	5%	
FIFABX-46-11	PRIMETIME FIFA 2 STAR Synthetic Turf - Xtreme Turf BX 60,Slit-film and monofilament fiber, 46 oz. pile weight, 2.375" pile height, ambient rubber and sand(45% by weight) infill	Cost Sq. Ft. (material and labor)	\$ 5.45	5%	
GLGT-40-11	Xtreme Turf DX 54 - 100% monofilament fiber, 40 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 3.94	5%	
GLGT-42-11	Xtreme Turf DX 54 - 100% monofilament fiber, 42 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 3.98	5%	
GLGT-44-11	Xtreme Turf DX 54 - 100% monofilament fiber, 44 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 3.99	5%	

Description of Cost Factors	Unit of Measure	Bid Price	List Price	Bid Discount %
GLGT-46-11	Xtreme Turf DX 54 - 100% monofilament fiber, 46 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 4.10	5%
GLIN-40-11	Xtreme Turf FB 54 - 100% paralell slit-film fiber, 40 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 3.84	5%
GLIN-42-11	Xtreme Turf FB 54 - 100% paralell slit-film fiber, 42 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 3.91	5%
GLIN-44-11	Xtreme Turf FB 54 - 100% paralell slit-film fiber, 44 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 3.97	5%
GLIN-46-11	Xtreme Turf FB 54 - 100% paralell slit-film fiber, 46 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 4.03	5%
GLBL-40-11	Xtreme Turf BDX 54 -50% monofilament fiber and 50% paralell slit-film fiber, 40 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 3.94	5%
GLBL-42-11	Xtreme Turf BDX 54 -50% monofilament fiber and 50% paralell slit-film fiber, 42 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 3.98	5%
GLBL-44-11	Xtreme Turf BDX 54 -50% monofilament fiber and 50% paralell slit-film fiber, 44 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 4.03	5%
GLBL-46-11	Xtreme Turf BDX 54 -50% monofilament fiber and 50% paralell slit-film fiber, 46 oz. pile weight, 2.125" pile height, all ambient rubber infill	Cost Sq. Ft. (material and labor)	\$ 4.10	5%

Description of Cost Factors	Unit of Measure	Bid Price	List Price	Bid Discount %
BABL-38-11	Xtreme Turf HR 51 - green fiber -50% monofilament fiber and 50% paralell slit-film fiber , brown/clay red fiber - 100% paralell slit-film fiber, 38 oz. pile weight, 2.00" pile height, baseball infill system	Cost Sq. Ft. (material and labor)	\$ 3.98	5%
BABL-40-11	Xtreme Turf HR 51 - green fiber -50% monofilament fiber and 50% paralell slit-film fiber , brown/clay red fiber - 100% paralell slit-film fiber, 40 oz. pile weight, 2.00" pile height, baseball infill system	Cost Sq. Ft. (material and labor)	\$ 4.09	5%
TPALT-48-15	Xtreme Turf ST 45+ - green fiber - 100% monofilament fiber, 48 oz. pile weight, 1.75" pile height, infill and pad listed seperately	Cost Sq. Ft. (material and labor)	\$ 4.25	5%
MPWPD-40-15	Xtreme Turf Multi Play with 3mm Foam pad - 1" pile height, 40 oz. pile weight; for indoor use only	Cost Sq. Ft. (material and labor)	\$ 4.50	5%
			List Price	Bid Discount %
TG-15MM-15	Therma Green "Sportlite" 5/8" c/w 122g/m^2 geotextile	Cost Sq. Ft. (minimum of 80,000 SF) - matrial and labor included	\$ 1.55	5%
PP23D - 15	Schmitz ProPlay 23D shock and drain pad	Cost Sq. Ft. (minimum of 80,000 SF) - matrial and labor included	\$ 1.60	5%
REMAR-15	removal and legal disposal of existing synthetic turf and infill- all rubber system	Cost Sq. Ft. (minimum of 80,000 SF) - matrial and labor included	\$ 0.53	5%
REMSR-15	removal and legal disposal of existing synthetic turf and infill- rubber/sand	Cost Sq. Ft. (minimum of 80,000 SF) - matrial and labor included	\$ 0.63	5%
RECTRF-15	recycling only of existing turf and infill ( removal not included)	Cost Sq. Ft. (minimum of 80,000 SF) - matrial and labor included	\$ 0.85	5%

\*\*\*\*\*All Synthetic turf pricing includes shipping and/or mobilization





**Form G.3 – Volume Discounts Schedule**  
**ESCNJ/AEPA IFB #016 - G - Athletic Surfaces – S**



**Bidding Company Name: Pro Grass, LLC**

<b>Form G.3</b>			
<b>Dollar Amount FROM</b>	<b>Dollar Amount TO</b>	<b>Catalog, Item or Project</b>	<b>Additional Discount Offered (%)</b>
\$ 1,000,000	\$ 2,500,000	<i>Any item or service offered on Pro Grass, LLC AEPA #016 G.1 pricing sheet</i>	1.0%
\$ 2,500,001	\$ 5,000,000	<i>Any item or service offered on Pro Grass, LLC AEPA #016 G.1 pricing sheet</i>	1.5%
\$ 5,000,001	\$ 10,000,000	<i>Any item or service offered on Pro Grass, LLC AEPA #016 G.1 pricing sheet</i>	2.5%



# Form G.2 – STATE PRICE MULTIPLIER BY STATE



## ESCNJ/AEPA IFB #016 - G - Athletic Surfaces – Synthetic Turf

Bidding Company Name: **Pro Grass, LLC**

Bid term: 6/30/17 - 2/28/18

Note: Multiplier/factor to be applied to the base product cost provided to arrive at the ESCNJ/AEPA state price for the product.

Project types		NJ State Multiplier
Non-Prevailing Wage Project:		1.00
Prevailing Wage Project:		1.10