

BID RESULTS				
CK09MERCER2008-27 MOVING SERVICES FOR A PERIOD OF TWO YEARS				
FOR THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM				
DATE: DECEMBER 18, 2008				
BIDDERS MUST SUBMIT WITH BID: NJ MOVERS CERTIFICATE NUMBER NUMBER OF YEARS EXPERIENCE & THREE REFERENCES CONTACT NAME(S) & NUMBER(S) OF MGMT PERSONNEL TO CONTACT WITH PROBLEMS (EVENINGS & WEEKENDS INCLUDED)				
NUMBER OF RESPONSES	4			
NAME OF BIDDER	TRAFFIC MOVING SYSTEMS, INC.	PRINCETON VAN SERVICE	BROADWAY MOVING & STORAGE, INC.	ACE WORLD WIDE MOVING & STORAGE
ADDRESS	66 ALEXANDER STREET	P.O. BOX 3094	130 DURAND AVENUE	24 CONNERTY COURT
CITY, STATE, ZIP	YONKERS, NY 10701	PRINCETON, NJ 08543	TRENTON, NJ 08611	EAST BRUNSWICK, NJ 08816
CONTACT	JOSEPH BERTOLINI	LOUIS DECIBUS	RICHARD CROCKER	BRUCE POWERS
TELEPHONE	914-968-7100	609-497-9600	609-396-4561	732-254-1002
FAX	914-965-0674	609-434-0005	609-396-2712	732-254-2802
EMAIL	LUNASTRAFFIC@OPTONLINE.NET	LOU@PRINCETONMOVING.COM	RCROCKER@BROADWAYMOVERS.COM	BRUCE.POWERS@ACEWORLDWIDE.COM
BUSINESS REGISTRATION CERTIFICATE	OK	OK	OK	OK
AFFIRMATIVE ACTION COMPLIANCE NOTICE	SIGNED	SIGNED	SIGNED	SIGNED
EXHIBIT A	SIGNED	SIGNED	SIGNED	SIGNED
AFFIRMATIVE ACTION CERTIFICATE	#40559 EXPIRES 09/15/14	AA302 NEEDED	AA302 NEEDED	AA302 NEEDED
STOCKHOLDER DISCLOSURE	OK	OK	OK	OK
NJ BUSINESS REGISTRATION CERTIFICATE	OK	OK	OK	OK
COOPERATIVE PURCHASING SYSTEM CONDITIONS REVIEWED	OK	OK	OK	OK
INSURANCE	REQUIRED IF AWARDED	REQUIRED IF AWARDED	REQUIRED IF AWARDED	REQUIRED IF AWARDED
EXECUTIVE ORDER 98-1	SIGNED	SIGNED	SIGNED	SIGNED
PROPOSAL SHEET	OK	OK	OK	OK
HOURLY RATE BETWEEN THE HOURS OF 8:00 AM TO 5:00 PM LABORER	\$23.50	\$22.50	\$31.50	\$29.90
DRIVER/SUPERVISOR	\$24.25	\$29.50	\$37.75	\$31.90
PROJECT MANAGER	\$0.00	\$27.00	\$12.00	\$34.90
TOTAL	\$47.75	\$79.00	\$81.25	\$96.70
PRICE LIST FOR PACKING MATERIALS & STORAGE BOXES	YES	YES	YES	YES
EXTEND TO COOP	YES	YES	YES	YES
NJ PUBLIC MOVERS & WAREHOUSEMEN CERT & FILED TARIFF	39PM00088400 EXPIRES 09/30/08	39PC00071200 EXPIRES 09/30/09	39PC00030502 EXPIRES 09/30/09	39PC00055603 EXPIRES 9/30/09
EXCEPTIONS	NONE	NONE	1. RATESQUOTED ARE FOR MON - FRIDAY, NON-HOLIDAYS ONLY 2. RATES QUOTED ARE NOT APPLICABLE WHEN PREVAILING WAGE RATES AND CERTIFIED PAYROLL RECORDS ARE REQUESTED BY MERCER COUNTY. PREVAILING WAGE RATES FOR CERTAIN PROJECTS CAN BE PROVIDED UPON REQUEST. 3. THE SUPPLY OF PACKING MATERIALS IS NOT INCLUDED IN RATES. PLEASE REFER TO SEPARATE PACKING MATERIALS PRICE LIST	NONE
YEARS EXPERIENCE	19	25 - REQUEST REFERENCES	72	20
MANAGEMENT CONTACT	YES	YES	YES	YES
FATAL FLAWS	CERTIFICATION EXPIRED 9/30/08 - VERIFIED WITH MR. BERTOLINI THAT THEY ARE NOT CURRENTLY LICENSED AS A PUBLIC MOVER	NO	NO	NO

**CK09MERCER2008-27 MOVING SERVICES FOR A PERIOD OF TWO YEARS
FOR THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM
PACKING MATERIALS PRICE LIST**

	PRINCETON VAN SERVICE	BROADWAY MOVING & STORAGE, INC.	TRAFFIC MOVING SYSTEMS, INC.	ACE	
1.5 CARTON - EACH	\$1.75	\$2.15			\$2.00
2.5 TOTES - EACH		\$2.95			
3.1 CARTON - EACH	\$1.85				
4.5 CARTON - EACH	\$2.05				
1 ROLL TAPE - EACH	\$1.60				\$0.50
LABELS (ROLL OF 500) - EACH		\$15.00			
COMMERCIAL BIN -E ACH	\$14.00				
FILE TOTES (2.5) - EACH	\$2.20				
CARTONS, COMMERCIAL LEGAL - EACH			\$6.00		
CARTONS, FILE - EACH			\$5.45		
TAPE, STD ROLL - EACH			\$5.25		
TAPE, DUCT ROLL - EACH			\$9.50		
DOOR BUCK PROTECTION, PAIRS - EACH			\$4.00		
SECURITY CARTONS/TYPEWRITERS, PCS - EACH			\$21.00		
SECURITY BINS/TYPEWRITERS, PCS - EACH			\$29.00		
LIBRARY BINS - EACH			\$11.90		
TAGS PER ROLL - EACH			\$27.00		
PLACARDS - EACH			\$4.90		
BUBBLE PACK ROLLS - EACH			\$65.00		
SHRINK WRAP - PER ROLL			\$39.75		
PAPER PADS - EACH			\$14.95		

**CK09-MERCER2008-25 GRASS SEED, FERTILIZER, CHEMICALS, GREENS TOPDRESSING, LIME, TEE AND FAIRWAY DIVOT MIX AND TRAP SAND
FOR A PERIOD OF ONE (1) YEAR FOR MERCER COUNTY AND MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM**

BID RESULTS

December 19, 2008

CONTRACT PERIOD: MAY 23, 2009 - MAY 22, 2010

<p>DELIVERY SHALL BE MADE TO EACH INDIVIDUAL SITE; DELIVERY MUST BE PROVIDED WITHIN ONE (1) WEEK OF RECEIPT OF PURCHASE ORDER GRASS SEED SHALL BE BLUE TAGGED CERTIFIED NO MINIMUM OR MAXIMUM QUANTITIES APPLY; BIDDERS MUST HOLD PRICING ONE YEAR</p>				
<p align="center">RESOLUTION # 2009-43</p>				
NAME OF BIDDER	GRASS ROOTS TURF PRODUCTS INC.	LESCO, INC.	REED AND PERRINE SALES INC.	SEETON TURF WAREHOUSE, LLC
ADDRESS	4 MIDDLEBURY BLVD., SUITE 7	1301 EAST 9TH STREET SUITE 1300	PO BOX 100	25 ROLAND AVENUE
CITY, STATE, ZIP	RANDOLPH, NJ 07869	CLEVELAND, OHIO 44114-1849	TENNET, NJ 07763	MOUNT LAUREL, NJ 08054
CONTACT	KENNETH P. KUBIK	MARGE DVORZNAK	ROBERT BULKOWSKI	LANCE T. SEETON
TELEPHONE	973 252 6634	216 706 9250	732 446 6363	856-273-5939
FAX	973 252 6630	216 706 1612	732 446 1344	856-273-0998
E-MAIL	KEN.KUNIK@GRASSROOTSTURFONLINE.COM	BIDS@JOHNDEERELANDSCAPES.COM	BOBB@REEDANDPERRINE.COM	STEVE@SEETONTURF.COM
EXTEND TO COOP MEMBERS	YES	YES	YES	YES
INSURANCE	NEED ORIGINAL	NEED ORIGINAL	NEED ORIGINAL	NEED ORIGINAL
BUSINESS REGISTRATION CERTIFICATE	OK	OK	OK	OK
AFFIRMATIVE ACTION CERTIFICATE	#11885 EXPIRES 8/15/13	#1544 EXPIRES 07/15/10	#8058 EXPIRES 5/15/12	NEED EIC IF AWARDED
EXHIBIT A	OK	OK	OK	OK
STOCKHOLDER DISCLOSURE	OK	OK	OK	OK
SIGNED PROPOSAL PAGE	OK	OK	OK	OK
EXCEPTIONS	YES, REFERENCED ON PAGE 40, JAY LONG TO REVIEW AND DETERMINE EQUIVALENCY; PRODUCT SHEETS ENCLOSED	NUMEROUS EXCEPTIONS; ALL PRODUCTS NOTED WITH A STAR (*) ARE EITHER A SUB./ALTERNATE OR A DIFFERENT PACKAGE SIZE THAN REQUESTED ALL PRODUCTS NOTED WITH: (AGENCY PRICE) ARE SUBJECT TO PRICE INCREASE IF ANY FROM THE MANUFACTURER; JAY LONG TO DETERMINE EQUIVALENCY; PRODUCT SHEETS ENCLOSED	YES, REFERENCED ON PAGE 40, JAY LONG TO REVIEW AND DETERMINE EQUIVALENCY; PRODUCT SHEETS ENCLOSED	"OR EQUAL" SUBSTITUTES FOR ITEM #S 50, 51, 52, 53, 56, 59, 60, 74, 78, 79, 82, 91, 95 SEE ENCLOSED DEVIATION INFORMATION & LABELS; JAY LONG TO REVIEW AND DETERMINE EQUIVALENCY; PRODUCT SHEETS ENCLOSED
FATAL FLAW	NO	NO	NO	NO
NAME OF BIDDER	SHEMIN NURSERIES, INC.	TRISTATE MATERIALS LLC	TUCKAHOE SAND AND GRAVELS, INC.	UNIVAR USA INC.
ADDRESS	209 BAKERS BASIN ROAD	PO BOX 265	PO BOX 991	2102 UTICA AVENUE
CITY, STATE, ZIP	LAWRENCEVILLE, NJ 08648	BOUND BROOK, NJ 08805	PLEASANTVILLE, NJ	BROOKLYN, NY 11234
CONTACT	CHRIS AVANI	WESTLEY PERRINE	RONALD D. CARUSI	STEVE MULLANEY
TELEPHONE	609-844-1075	908 647 0159	609 861 2082	718 677 1328
FAX	609-844-0239	908 647 0835	609 861 3671	718 677 0928
E-MAIL	CAVANI@SHEMIN.NET	WES@GREEPROMATERIALS.COM	RCARUSI@TUCKAHOESAND-GRAVEL.COM	STEVE.MULLANEY@UNIVARUSA.COM
EXTEND TO COOP MEMBERS	YES	YES	YES	YES
INSURANCE	NEED ORIGINAL	NEED ORIGINAL	NEED ORIGINAL	NEED ORIGINAL
BUSINESS REGISTRATION CERTIFICATE	OK	OK	OK	OK
AFFIRMATIVE ACTION CERTIFICATE	NEED EIC IF AWARDED	#41851 EXPIRES 5/15/15	NEED EIC IF AWARDED	#28919 EXPIRES 8/15/10
EXHIBIT A	NEEDED IF AWARDED	OK	OK	OK
STOCKHOLDER DISCLOSURE	OK	OK	OK	OK
SIGNED PROPOSAL PAGE	OK	OK	OK	OK
EXCEPTIONS	AS NOTED ON ATTACHED PAGES FOR ITEMS 9, 10, 11, 13, 15, 21, 28, 29, 30, 32, 35, 42, 46, 48, 49, 89; JAY LONG TO REVIEW AND DETERMINE EQUIVALENCY; PRODUCT SHEETS ENCLOSED	NO NO PRODUCT SHEETS	NO, INCLUDED GRADATION SHEET FOR WHITE BUNKER SAND	NO NO PRODUCT SHEETS
FATAL FLAW	NO	NO	NO	NO

	DESCRIPTION	AWARDED BRAND/EQUIVALENT	PKG	LOW BID	AWARDED VENDOR
	GRASS SEED				
	*All seed must be blue tag certified				
2	Penn G2/Penn A4 Bentgrass blend	Penn G2, A4 Blend	25lb	\$255.00	Lesco
3	PennTrio	Penn Trio	25lb	\$173.50	Reed and Perrine
4	007 Bentgrass Greens Grade	007 Bentgrass	25lb	\$225.00	Grass Roots
5	Lesco Bentgrass Tee and Fairway Blend	Tee and Fairway bentgrass	25lb	\$130.00	Grass Roots
6	Paragon Ryegrass	Paragon Rye	50lb	\$59.00	Lesco
7	Palmer IV ryegrass (Gray leafspot resistant)	Palmer IV Rye	50lb	\$54.00	Reed and Perrine
8	UAP mix: DivaKB,PrincetonKB, MidnightKB,PalmerIVPR	Rye/Blue mix	50lb	\$99.00	Lesco
9	Rough Supreme seed mix: fescue,blue,rye mix	Rough Supreme	50lb	\$58.70	Reed and Perrine
10	Shade mix: fescue,blue,rye	Shade Mix	50lb	\$70.00	Seeton Turf Warehouse, LLC
11	Tall Fescue Mix:SR8250,Bingo,Watchdog,Lexington,Tahoe	Tall Fescue mix	50lb	\$52.00	Lesco
12	Creeping fescue mix:SR3150HF,SR5130CF,SRCalypsoPR	Creeping Fescue mix	50lb	\$80.00	Lesco
13	Athletic Field Rye/ Blue mix	Athletic field mix	50lb	\$65.00	Seeton Turf Warehouse, LLC
14	Horse Pasture seed	Horse Pasture Seed	50lb	\$84.00	Lesco
15	13-25-12 starter (large prill)	13-25-12	50lb	\$14.82	Reed and Perrine
16	19-0-9 (large prill)	19-0-9	50lb	\$8.40	Reed and Perrine
17	26-3-7 w/Fe (large prill)	26-3-7	50lb	\$9.64	Reed and Perrine
18	8-4-24 (fwy grade)	8-4-24 FWY	50lb	\$11.20	Reed and Perrine
19	12-0-18 1%Fe ammonium sulfate (greens grade)	12-0-18 Greens	50lb	\$23.31	Lesco
21	20-10-10 50% organic N (large prill)	20-10-10 50%organic	50lb	\$14.48	Reed and Perrine
22	25-0-5 Mesa/Fe	25-0-5 Mesa	50lb	\$28.25	Shemin Nurseries, Inc.
24	24-2-14 Fe,Mn, (miniFwy)	24-2-14 Fe,Mn	50lb	\$32.69	Lesco
25	18-2-18 elite 1.5%Fe1%Mn(grns grade)	18-2-18 Elite	50lb	\$29.31	Lesco
26	24-5-11, 50%SRN, 2%Fe,1%Mn	24-5-11	50lb	\$15.18	Reed and Perrine
27	13-0-7+.20%Stonewall	13-0-7+Stonewall	50lb	\$21.86	Lesco
28	19-0-6+.07%Dimension	19-0-6+Dimension	50lb	\$20.76	Lesco
29	21-0-5+.15%Dimension	21-0-5+Dimension	50lb	\$23.46	Lesco
30	12-4-8+.19%Dimension	12-4-8+Dimension	50lb	\$22.19	Lesco
31	21-0-11+Momentum force	21-0-11+Momentum	50lb	\$31.79	Lesco
32	20-3-7+trimec (weed and feed)	20-3-7+Trimec	50lb	\$19.34	Lesco
33	Solu Cal 6-12-6 17% Ca	solu-cal 6-12-6	50lb	\$28.00	Shemin Nurseries, Inc.
34	Par Ex IBDU 21-3-16 micro greens grade	IBDU 21-3-16	50lb	\$31.34	Lesco
35	20-10-5 Ornamental tablets	ornamental tablets	22.5lb	\$55.50	Shemin Nurseries, Inc.
36	Micro Mix	Micro-mix	2x2.5gal/cs	\$33.88	Lesco

	DESCRIPTION	AWARDED BRAND/EQUIVALENT	PKG	LOW BID	AWARDED VENDOR
37	0-0-25 potassium+17% sulfur	0-0-25 Potassium	2x2.5gal/cs	\$48.73	Lesco
38	9-3-6 liquid fert.	9-3-6 Liquid	2x2.5gal/cs	\$161.00	Lesco
39	8-32-5 liquid starter fert.	Liquid Starter Fert	25lb	\$52.52	Lesco
40	10-10-10 liquid fert.	10-10-10 liquid fert	25lb	\$47.57	Lesco
42	Chelated calcium	Chelated Calcium	2x2.5gal/cs	\$37.90	Lesco
43	CPR	CPR	2x2.5gal/cs	\$211.45	Grass Roots
44	Pana sea plus	Pana Sea plus	2x2.5gal/cs	\$328.45	Grass Roots
45	Iron Max 15-0-0 6%Fe, 2% Mn	Iron Max 15-0-0-Fe,Mn	2x2.5gal/cs	\$54.70	Grass Roots
46	Tree/Shrub Fertilizer Spikes	Tree/Shrub Fert. Spikes	100ct.	\$95.50	Shemin Nurseries, Inc.
47	Solu Cal Lime	Solu Cal Lime	50lb	\$12.28	Reed and Perrine
	CHEMICALS				
48	Biological pond clarifier	Bio Pond Clarifier	25lb	\$245.00	Shemin Nurseries, Inc.
49	Bee and Wasp spray 15 OZ Can	Bee/wasp spray (15oz can)	12cans/cs.	\$45.60	Shemin Nurseries, Inc.
51	Chipco 26 GT FLO	26GT	2x2.5gal/cs.	\$282.00	Reed and Perrine
52	26/36 Fungicide	26/36	2x2.5gal/cs.	\$604.05	Lesco
54	Charzorb	Charzorb	2x2.5gal/cs.	\$156.60	Lesco
55	Deer Repellent	Deer Repellent	2x2.5gal/cs.	\$94.62	Lesco
56	Drive 75DF	Drive	1lbx6/cs.	\$292.98	Reed and Perrine
57	Drive XLR8	Drive XLR8	2x2.5gal/cs.	\$356.95	Grass Roots
58	Daconil Granular	Daconil G	25lb	\$28.00	Seeton Turf Warehouse, LLC
59	Daconil Ultrex	Dac Ultrex	4x5lbs.	\$115.00	Reed and Perrine
60	Daconil Weather Stick	Dac Weather Stik	2x2.5gal/cs.	\$177.80	Reed and Perrine
62	Dursban Pro	Dursban Pro	2x2gal	\$208.00	Grass Roots
63	Emerald	Emerald	10x.49lb	\$1,372.00	Grass Roots, Lesco, Reed and Perrine, Seeton Turf Warehouse, LLC
66	18 +	18+	2x2.5gal/cs.	\$291.30	Lesco
67	Heritage TL	Heritage	2x1gal	\$1,193.40	Grass Roots, Lesco, Reed and Perrine
68	Hawkeye Organosilicone	Hawkeye	64oz.x6	\$136.77	Lesco
70	Insignia	Insignia	3x2.4lb	\$1,152.00	Grass Roots, Lesco, Reed and Perrine Seeton Turf Warehouse, LLC
73	Preen plus	Preen plus	30lb	\$38.00	Grass Roots

	DESCRIPTION	AWARDED BRAND/EQUIVALENT	PKG	LOW BID	AWARDED VENDOR
74	Prodigy Signature	Prodigy	4x5.5lb	\$571.60	Lesco
75	Pro-Max 0-0-12	Pro Max	.25lbx32/cs.	\$265.10	Lesco
77	Subdue Granular	Subdue G	25lb	\$91.80	Grass Roots
78	Subdue Maxx	Subdue maxx	2x1gal	\$808.00	Reed and Perrine
79	Talstar EZG	Talstar	25lb	\$19.19	Lesco
81	Lesco Green Flow Phtye	Green Phlo phyte	30gal	\$618.00	Lesco
82	LescoFlo ultra wetting agent	Lesco flo	2x2.5gal/cs.	\$218.70	Lesco
83	Advantage pellets wetting agent	Wetting Agent Pellets	30x4oz.	\$137.90	Lesco
84	Tartan	Tartan	2x2.5gal/cs.	\$2,144.00	Grass Roots, Lesco, Univar
85	Trinity	Trinity	2x2.5gal/cs.	\$1,625.00	Grass Roots, Lesco, Seeton Turf Warehouse, LLC
86	Triton	Tritron	6x2lb	\$1,560.00	Grass Roots, Lesco
87	Rodeo	Rodeo	2x2.5gal/cs.	\$170.00	Reed and Perrine
88	Sevin SL	Sevin	2x2.5gal/cs.	\$144.00	Reed and Perrine
89	Spectator	Spectator	2x2.5gal/cs.	\$1,279.00	Lesco
90	Triamine Jet spray	Triamine Jet Spray	12cans/cs.	\$54.53	Lesco
91	Touche EG	Touche	2.75lbx12	\$1,024.65	Grass Roots
92	Tupersan 4.6G	Tupersan	20lb	\$40.90	Reed and Perrine
93	Mancozeb 4 Flowable	Mancozeb	2x2.5gal/cs.	\$105.50	Lesco
95	Roundup Quick-pro	Roundup quickpro	30x1.5oz	\$52.44	Reed and Perrine
96	Spray Dye Indicator	Spray Dye	2x2.5gal/cs.	\$118.45	Lesco
	Other Requirements/ Product				
97	Greens Topdressing 90/10	Topdressing 90/10	ton	\$55.00	Tri-State
98	Bunker sand, crushed Quartzite,GC450	bunker sand gc450	ton	\$30.55	Tuckahoe
99	Baseball infield mix	baseball infield mix	ton	\$27.30	Tri-State
100	Infield Conditioner	Infield Conditioner	ton	\$215.00	Lesco
101	Infield Drying Agent	Infield Drying Agent	ton	\$254.80	Lesco
102	Crumb rubber playground mulch	Rubber Mulch	ton	\$1,000.00	Lesco
104	Ice melter Calcium Magnesium Acetate	Ice Melt Ca,Mg	50lb	\$9.38	Reed and Perrine
105	Ice Melter Calcium Chloride	Ice Melt CaCl	50lb	\$11.22	Reed and Perrine
106	Netted Mulch Mat	mulch mat	82"x135'	\$52.94	Reed and Perrine

**SPECIFICATIONS FOR
GRASS SEED, FERTILIZER, CHEMICALS, GREENS TOPDRESSING, LIME, TEE
AND FAIRWAY DIVOT MIX AND TRAP SAND FOR VARIOUS FACILITIES WITHIN
THE MERCER COUNTY AND COOPERATIVE CONTRACT PURCHASING SYSTEM
FOR A PERIOD OF ONE (1) YEAR**

INTENT:

The County of Mercer requests bids from manufacturers or suppliers provided their **product and packaging** is equivalent to the specifications and suitable for the purpose for which it is intended. **If the bidder proposes any product other than specified, bidder shall elaborate on a separate sheet of paper any and all deviations from specifications.** Delivery shall be made to each individual site. All Grass Seed shall be Blue Tagged Certified. Multiple contracts shall be awarded for a period of one year. Bids submitted with an exception to the one year term shall be deemed non-responsive and shall be rejected.

The County of Mercer will not be bound by minimum or maximum quantities. Vendor(s) must provide delivery within one (1) week of receipt of purchase order.

Bidder must furnish with the bid the latest printed, technical data and/or specifications on the products they propose to furnish.

NOTE:

Vendor(s) must supply Manufacturer's Safety Data Sheets and Hazardous Substance Fact Sheets as per Right to Know Regulations. All products must be labeled in accordance with New Jersey Right to Know Regulations.

NOTE: QUANTITIES ARE ESTIMATES ONLY.

DELIVERY LOCATIONS & CONTACT PERSON:

Princeton Country Club
1 Wheeler Way
Princeton, N.J. 08540

Jay Long – 609-514-3920

Mountain View Country Club
24 Nursery Road
West Trenton, N. J. 08628

Jay Long - 609-514-3920

Mercer Oaks Golf Course East
725 Village Road West
Princeton Junction, N.J. 08550

Bob Bishop – 609-936-0842

Mercer Golf Course West
725 Village Road West
Princeton Junction, N.J. 08550

Bob Bishop 609-936-0842

Maintenance Garage
334 South Post Road
West Windsor N.J. 08550

Jeff Pivovarnick – 609-426-1181

Howell Living Farm
70 Woodens Road
Lambertville N.J. 08530

Pete Watson -609-737-3299

DELIVERY LOCATIONS & CONTACT PERSON CONT'D

Equestrian Center
431 B Federal City Road
Pennington N.J. 08534
Christine Cardinal 609-730-9059

South River Walk Park
334 South Post Road
West Windsor N.J. 08550
Jeff Pivovarnick -609-426-1181

County of Mercer Highway Division
300 Scotch Road
West Trenton, New Jersey 08628
Chris Markley – 609-530-7518

THE FOLLOWING LINE ITEMS MUST BE SPECIFIC TO THE FOLLOWING:

Greens Topdressing

90% Sand 10% Humus

The mixture must be treated with a chemical surfactant at rates not less than 10 oz per ton per 100% concentration.

<u>PARTICLE SIZE PARAMETERS</u>	<u>SEIVE</u>	<u>PERCENTAGE PASSING</u>
1.18 mm	# 16 mesh	100%
.50 mm	# 35 mesh	70-85%
.25 mm	# 60 mesh	13-21%
.15 mm	#100 mesh	2 -5 %
.05 mm	#270 mesh	2% max

Silt/Clay Content	< 2.0 %
PH	5.5
Particle Density	2.66 gm/cc
Bulk Density	1.60 gm/cc
Soluble Salts	< 0.1 mm hos/cm
No. of Hematodes/ 250 ml soil	None
Organic Source	Canadian peat humus (ash content less than 4%)
Organic Content (Dry Weight)	Mix shall contain between .6-1.0 dry Organic
Moisture Content	None – Must be completely dry
Hydrophobicity	None Must absorb water Immediately on contact

Samples:

The successful bidder shall supply the following samples upon request after bid is awarded. Sand used with particle size analysis, Dry finished Product, peat humus w/ lab analysis which shows ash content.

Tee And Fairway Divot Mix (DOES NOT APPLY TO THIS BID)

Tee and Fairway divot mix shall consist of 50/50 Blend by volume of USGA Specified Trap and sand and humus. Humus shall be prepared from a composted mixture of leaves, grass and small brush processed by a tub grinder and turned and composted in windrows for 8 – 10 weeks and screened through a ¼ " vibrating deck screen with a resulting PH of 7.1.

NUTRIENT ANALYSIS BY SECTAB EXTRACTION

Nitrate	35 ppm	Ammonium	2 pp
Calcium	18 ppm	Phosphates	14 ppm
Potassium	16 ppm	Magnesium	35 ppm
Iron	0.5ppm	Manganese	1ppm
Sulfate	10ppm	Chloride	200ppm

Total Kjeldahl Nitrogen 1.21%

Sand Analysis

Sieve (mm)	Percent
0.85	6.6
0.60	15.1
0.425	26.6
0.300	31.3
0.212	14.7
0.150	4.0
0.106	1.5
0.075	0.2

Mercer County reserves the right to take samples at the time of delivery to determine whether the material conforms to specifications and have them tested by an official testing laboratory. If material tested does not conform to specifications, vendor will remove said material at his expense and supply the County with proper material. If vendor is not willing or unable to provide correct material, Mercer County will purchase material from the next qualified bidder.

GC-450 Crushed Quartzite Bunker Sand

Particle Size Analysis	Sieve	%Retained	% Passing
Gravel 2.0 mm	#10 mesh	.6	99.4
V. Coarse 1.0 mm	#18 mesh	20.4	79.0
Coarse .5 mm	#35 mesh	30.7	48.3
Medium .25 mm	#60 mesh	24.6	23.7
Fine .15 mm	#100 mesh	17.2	6.5
V. Fine .05 mm	#270 mesh	4.0	2.5
Sand 98.9 %	Combined Silt/Clay 2.5 %		

Crusting: None

Color: 2.5 Y 8/1 White

Infiltration Rate: 18 Inches/HR

Penetrometer Value: 3.4- Very low tendency to bury ball

GREEN DIVOT REPAIR MIX-BOXED (DOES NOT APPLY TO THIS BID)

Green Color-80-20 sand: Humus

Particle Size Analysis	Sieve	% Retained	% Passing
Gravel 2.0 mm	#10 mesh		100.0
V. Coarse 1.0 mm	#18 mesh	.7	99.3
Coarse .5 mm	#35 mesh	25.8	73.5
Medium .25 mm	#60 mesh	57.4	16.1
Fine .15 mm	#100 mesh	12.9	3.2
V. Fine .05 mm	#270 mesh	2.1	1.1
Sand 98.9 %	Silt .8	Clay .3	

Color: Green

Particle Density: 2.66 G/CC

Bulk Density: 1.65 G/CC

Soluble Salts: 0.1 mmbos/cm

#of Nematodes/250 ml soil : None Detected

Mix Components: Sand per USGA sizing specifications

Humus

Natural Fertilizer

Tri Cure- Wetting Agent

Product shipped in **2,500 lb boxes**. Poly liner and shroud included. Product shipped dry for flow ability-Some residual moisture allowed for better efficiency and to eliminate hydrophobicity.

Horse Pasture Seed to Consist of:

20% Grand Daddy Tetraploid Perennial Ryegrass

20% Enhance Tall Fescue

20% Extend Orchard Grass

15% Summit Timothy

15% Troy Kentucky Blue Grass

5% Red clover

5% Ladino Clover

100% Total