



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**Request for
 Quotation**

RFQ NUMBER
DNR80113

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**BUYER 32
 304-558-0492**

PROPERTY

*709014928 01 724-778-8200
**ALLEGHENY LAWN & GOLF
 1241 FREEDOM ROAD
 CRANBERRY TWP PA 16066**

SHIP TO

**DIVISION OF NATURAL RESOURCES
 JOBSITE
 SEE SPECIFICATIONS**

DATE PRINTED 12/28/2006	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
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BID OPENING DATE: **01/24/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
REQUEST FOR QUOTATION						
THE PURCHASING DIVISION IS SOLICITING BIDS FOR THE DEPARTMENT OF NATURAL RESOURCES TO PROVIDE AN OPEN-END CONTRACT FOR MISCELLANEOUS GOLF COURSE TURF CARE CHEMICALS, FERTILIZERS, AND SEED PRODUCTS.						
ATTACHMENTS: 1. SPECIFICATIONS 2. BID FORM 3. AFFIDAVIT						
0001	1	LS		335-78		
MISC. GOLF COURSE FERTILIZER, SEED & CHEMS.						
EXHIBIT 1						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.						

RECEIVED
 2007 JAN 24 A 10:41
 PURCHASING DIVISION
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum -** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130



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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
12/28/2006				

BID OPENING DATE: 01/24/2007 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS, AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) SUCCESSIVE ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK).</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p style="text-align: center;">VENDOR PREFERENCE CERTIFICATE</p>						

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M O D E R N

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S H I P T O

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<p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p> <p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p><input checked="" type="checkbox"/> BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p><input type="checkbox"/> BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p><input type="checkbox"/> BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p><input type="checkbox"/> BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT,</p>						

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<p>DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;</p> <p>OR</p> <p>() BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF</p>						

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<p>TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p> <p>BIDDER: <u>Allegheny Lawn & Golf</u></p> <p>DATE: <u>1/22/2007</u></p> <p>SIGNED: <u>[Signature]</u></p> <p>TITLE: <u>Sales Representative</u></p> <p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST</p>						

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				CHARLESTON, WV 25305-0130		
<p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: RON PRICE-----</p> <p>RFQ. NO.: DNR80113-----</p> <p>BID OPENING DATE: JANUARY 24, 2007-----</p> <p>BID OPENING TIME: 1:30 PM-----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- (775) 667-2520 -----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): ----- Kirby Lewis -----</p>						

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ DNR80113 ***** TOTAL:						\$ 508,127.64

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DNR80113 – GOLF COURSE CHEMICALS RFQ SPECIFICATIONS
BID OPENING: JANUARY 24, 2007; 1:30 PM

To provide golf certified chemicals, soil amendments, turf type seed and general turf care products for West Virginia State Parks operated golf courses: Cacapon, Hawks Nest, Pipestem and Twin Falls State Park Facilities. West Virginia State Park non-golf course facilities may also purchase non-regulated chemicals, seed, and turf products within this contract; also all county and municipalities may purchase from this contract. The State of West Virginia always has preference over all other agencies regardless of the time of order. Should inventory of any chemical be low, the state-owned golf courses listed on this RFQ will have first preference over any and all other agencies.

This contract provides for product(s) to be ordered by case, unless noted within description as described within this request for quotations. Due to high cost of some chemicals, a few products are listed both in case items as well as single units items.

Vendor Bids:

If a product lists a company, and/or manufacturer agency product then "No Substitutions" or generic will be approved. Product line items that do not note Manufacturer/Company, vendor must provide product label, which includes chemical/product data, and proof that product meets or exceeds specifications.

Product selection:

Selection of those product substitutions (if Manufacturer is not specified) will be made on the basis of cost per unit, label ingredients, and product application rate comparisons as evaluated by golf course facility operators and their specific application use. There shall only be one vendor award per line item.

We expect multiple vendor awards to manufacturer agency chemicals: In the best interest of the State of West Virginia individual item numbers will be awarded to prospective low bidder. In the case of "agency" chemicals, there will be multiple awards if same low bids are quoted.

Life of contract

The life of this contract will be effective on date of award and extends until the end of Calendar year 2007, or until such "reasonable time" thereafter as is necessary to obtain a new contract or renew the original contract. The "reasonable time" period shall not exceed four (4) months. During this "reasonable time" the vendor may terminate this contract for any reason upon giving the Director of Purchasing 30 days written notice.

Eligible park facilities:

All West Virginia State Park Facilities may order within this contract: (Specific chemicals may be excluded depending chemical applicator permits requirement). Vendor is responsible for verification of permits as guided by West Virginia State law.

Facilities include:

Golf Course Facilities within this contract**Cacapon Resort State Park**

Tom Ambrose, Superintendent
818 Cacapon Lodge Drive
Berkeley Springs, WV 25411, (304) 258-6691; FAX (304) 258-8867

Hawks Nest State Park

Thomas Shriver, Superintendent
P.O. Box 857
177 West Main Street
Ansted, WV 25812, (304) 658-5196; FAX (304) 658-4549

Pipestem Resort State Park

Steve Bolar, Superintendent
Rt.20 Box 150
Pipestem, WV 25979, (304) 466-1800; FAX (304) 466-2803

Twin Falls Resort State Park

Nathan Hanshaw, Assistant Superintendent
Rt. 97 P.O. Box 667
Mullens, WV 25882, (304) 294-6000; FAX (304) 294-5000

Also Facilities that may order items within the contract include:

- * Lodge parks, without golf course facilities
- * Vacation parks
- * Day use parks
- * Historical parks

Individual address and contact names for park locations and bidding evaluation purposes may be evaluated on the web: www.wvstateparks.com .

Specific order(s) through the year will be determined by seasonal needs of individual State Park Superintendents.

Delivery of product:

Product purchase orders will be made from the respective facilities as needed throughout the 2007 calendar year. Orders from this contract shall be delivered

FOB destination prepaid and allowed. Agency may make purchases of less than \$500 from a local source if price includes delivery and a savings results from local purchase.

Vendor Order form: - The vendor shall work jointly with the Parks and Recreation section in developing an order form and catalogue. Information and instructions on the ordering process shall be provided to employees with the order forms.

Vendor(s) award to this purchase order shall make delivery of product to specific golf courses as listed within a maximum of 10 days of order. See below for address location of the State Park operated golf courses.

Items that are shipped to location and do not meet contract product specifications shall be returned at no cost to the State park course.

Products shall be received in sealed original containers. Items delivered damaged will be returned to vendor for replacement at no cost to buyer.

Payment:

Orders under the value of \$2500.00 shall be paid using State of West Virginia issued VISA purchasing credit card as condition of award. Purchase orders over the \$2500.00 dollar amount shall be invoiced to the park. Original invoice is required with delivery slip.

Training and technical service:

Vendor supplying product within their award shall provide facility technical service and professional training a minimum of twice a year to the respective park golf course staff relating to the product award at no charge. This training shall be scheduled with golf manager for appropriate timeframes of course needs. Training and chemical service shall include at minimum but not be limited to product safety, proper handling, storage, application rates and approved uses within golf turf care.

Product Estimates:

Quantities listed below are approximations only, based on estimated usage from respective golf course managers. Actual products ordered will be determined by seasonal changes depending on weather and site specific turf care needs whether that be more or less than the quantities shown.

DNR80113 - GOLF COURSE CHEMICALS BID FORM - BID OPENING: JANUARY 24, 2007: 1:30 PM

Item No:	Est. Purchase Quantity	Description	Unit Price	* Extended Amount
1	1	Acclaim Extra, Bayer, 4 x 1 gal , No substitutions	\$1962.74	\$1962.74
2	1	Acclaim Extra, Bayer, 2 x 2.5 gal, No substitutions	\$2209.47	\$2209.47
3	10	All clear-tank cleaner, Loveland, 4 x 1 gal, No substitutions	—	—
4	10	Goosegrass / Crabgrass Control, Andersons, Bensulide 5.2%	\$72.00	\$720.00
5	25	Arena 0.5G , Arysta Lifescience 25 lbs bag , Insecticide , No substitutes	—	—
6	15	Arena 50 WDG , Insecticide, 2x40 oz. , no substitutions	—	—
7	2	Banner Maxx, Syngenta, 10 gal. link pak, no substitutions	\$3,000.00	\$6,000.00
8	8	Banner Maxx, Syngenta, 2 x 1 gal, no substitutions	\$627.36	\$5,018.88
9	5	Banner Maxx, Syngenta, 1 gallon only , no substitutions	\$313.68	\$1568.42
10	20	Banol, Bayer, 2 x1 gal, no substitutions	\$785.26	\$15,705.20
11	2	Banol, Bayer, 1 gallon only , No substitutions	\$392.63	\$785.26
12	1	Bayleton 1 G, Bayer, ²⁵ 30 lb , no substitutions	\$47.37	\$47.37
13	110	Bayleton Granular, Bayer, 15 lb. bag, no substitutions	—	—
14	3	Bayleton mini bulk, Bayer , 11 ounce x 50 mini drum , No substitutions	\$2,558.00	\$7,674.00
15	10	Bayleton 50 WSP, Bayer, 4 x 4 x 5.5 oz , no substitutions	\$444.04	\$4,440.46
16	6	Bensumec 4 LF, PBI Gordon, 4 x 1 gal, No substitutions	—	—
17	16	Bensumec 4 LF, PBI Gordon, 2 x 2.5 gal , no substitutions	\$379.47	\$6071.58
18	12	Blazon, Miliken Turf Chemicals, 4 x 1 gal , no substitutions	—	—
19	2	Cascade, 2 x 2.5 gal, no substitutions	\$406.00	\$812.00
20	7	Cleary's- 36/26, Cleary, 2 x 2,5 gal, no substitutions	—	—
21	30	Chipco 26 GT, Bayer, 2 x 2.5 gal, no substitutions	\$316.42	\$9,492.60
22	34	Chipco Signature, Bayer, 4 x 5.5#, no substitutions	\$461.77	\$15,700.18
* Multiply the Est. Purchase Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$78,208.10

DNR80113 - GOLF COURSE CHEMICALS BID FORM - BID OPENING: JANUARY 24, 2007: 1:30 PM

Item No:	Est. Purchase Quantity	Description	Unit Price	* Extended Amount
23	3	Cleary Spectro Fungicide, Cleary Chemical, 4 x 5 lb, no substitutions	\$ 316.84	\$ 950.53
24	40	Cleary 3336 F, Cleary Chemical, 2 x 2.5 gal, no substitutions	—	—
25	40	Cleary 3336 Plus, Cleary Chemical, 2 x 2.5 gal., no substitutions	\$ 850.00	\$ 34,000.00
26	5	Cleary 3336 WSP Mini-drum, Cleary Chemical, 48 x 1 lb, no substitutions	—	—
27	3	Cleary 3336 WSP , Cleary Chemical, 6 x 2 lb, no substitutions	\$ 255.66	\$ 766.98
28	10	Cleary Gran 3336 GC, Cleary Chemical, 50 lb greens grade, no subs	—	—
29	1	Compass, Bayer, 10 lb min drum, no substitutions	\$ 3,234.00	\$ 3,234.00
30	1	Compass, Bayer, 4 x 1 lb. , no substitutions	\$ 1,385.68	\$ 1,385.68
31	1	Confront, Dow Agri Chemical, 4 x 1 gal, no substitutions	\$ 447.37	\$ 447.37
32	1	Curalan EG, BASF, 11# case, no substitutions	\$ 300.38	\$ 300.38
33	1	Cultrine Plus, granular, Aquatic weed control, 30 lb bag, No subs	\$ 41.37	\$ 41.37
34	12	Daconil Zn, Flowable, Syngenta, 2 x 2.5 gal, no substitutions	\$ 265.00	\$ 3,180.00
35	8	Daconil Ultrex, Syngenta, 4 x 5 lb., no substitutions	\$ 205.00	\$ 1,640.00
36	70	Daconil Weather Stik, Syngenta, 2 x 2.5 gal, no substitutions	\$ 375.00	\$ 26,250.00
37	15	Dylox, 6.2 G, Bayer, 30 lb bag, no substitutions	\$ 26.84	\$ 402.60
38	10	Dimension Ultra 1E , Dow Agro Sciences, 2 x 2.5 gal, no substitutions	\$ 564.21	\$ 5,642.11
39	1	Dimension Ultra WSP, Dow Agro Sciences, 8 x 2.5 #, no substitutions	\$ 1,029.89	\$ 1,029.89
40	10	Dithane 75 DG, Rainshield ,4x12 lb bag, WSP, Dow, no substitutions	\$ 164.21	\$ 1,642.10
* Multiply the Est. Purchase Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 80,913.01

DNR80113 - GOLF COURSE CHEMICALS BID FORM - BID OPENING: JANUARY 24, 2007: 1:30 PM

Item No:	Est. Purchase Quantity	Description	Unit Price	* Extended Amount
41	20	Drive 75 DF , BASF, 6 x 1 lb , no substitutions	\$416.84	\$8,336.84
42	20	Dursban 50 WSP, Dow Agro, 8 x 1.75, no substitutions	—	—
43	2	Dursban Pro, Dow Agro Sciences, 2 x 2 gal, no substitutions	\$192.42	\$384.84
44	2	Dylox 80 SP, Bayer, 10 x 5 lb., no substitutions	\$525.26	\$1,050.53
45	20	Embark 2S, PBI Gordon, 4 x 1 gal , no substitutions	\$974.74	\$19,494.80
46	10	Eagle 20EW, Dow, 2 x 2.5 gal., no substitutions	\$1,274.21	\$12,742.10
47	100	Ferromec AC, liquid iron, PBI Gordon, 2 x 2.5 gal, no substitutions	\$37.72	\$3,772.00
48	100	Fighter F, Loveland, 24 x 1pt., no substitutions	—	—
49	15	Foam-Spray tracker /Tuff-trax, 4 x 1 gal, or equal	—	—
50	50	Fore, Rain shield, Dow Agro, 8 x 6#, no substitutions	\$300.63	\$15,031.50
51	45	Fungicide IX, Andersons, snow mold, 44.7# bag, no substitutions	\$67.50	\$3,037.50
52	3	Headway, Syngenta, 10 gal link pack , no substitutions	\$4,650.00	\$13,950.00
53	5	Headway, Syngenta , 2x 1 , no substitutions	\$1,170.00	\$5,850.00
54	5	Heritage X, Syngenta , 4x6 lb , no substitutions	\$8,202.00	\$41,010.00
55	6	Heritage, Syngenta, 20 x 4 Oz. , no substitutions	—	—
56	5	HerbiMaxx, Loveland Products, 2 x 2.5 gal, no substitutions	—	—
57	6	Instrata , Syngenta, 2 x 2.5 gal , no substitutions	\$725.00	\$4,350.00
58	20	Incide out , Precision, 4 x 1 gal., no substitutions	—	—
* Multiply the Est. Purchase Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$129,010.11

DNR80113 - GOLF COURSE CHEMICALS BID FORM - BID OPENING JANUARY 24, 2007; 1:30 PM

Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
59	21	Kleenup Pro, UHS, 2 x 2.5 gal, no substitutions	—	—
60	2	Mach 2 liquid, Dow Agro Sciences, 2 x 2.5 gal, no substitutions	\$ 520.74	\$ 1,041.48
61	175	Mach 2 G, 1.5 % granular, 33lb bag. Dow Agro, No substitutions	\$ 30.49	\$ 5,335.75
62	2	Malathion, Clean crop, 2 x 2.5 gal., no substitutions	\$ 141.80	\$ 283.60
63	3	Manage, Monsanto, 30 x .9 gram, no substitutions	—	—
64	4	Manage, Monsanto, 10 x 1.33 oz, no substitutions	\$ 806.32	\$ 3,225.28
65	50	Maxi-cal – greens grade, Kelly's, 50#, no substitutions	—	—
66	5	Maxi-cal – standard grade, Kelly's, 50#, no substitutions	—	—
67	10	MCP4 Amine, Riverdale, 2 x 2.5 gal, no substitutions	\$ 168.42	\$ 1,684.20
68	10	Mec-Amine D , 2 x 2.5 gal. , no substitutions	—	—
69	10	Merit .5G, Bayer, 30#, no substitutions	\$ 66.00	\$ 660.00
70	1	Merit 75 WSP ,mini-drum, Bayer, 8.8 lb, no substitutions	\$ 2,497.00	\$ 2,497.00
71	4	Millennium ultra 2 , Riverdale, 2 x 2.5 gal, no substitutions	\$ 226.11	\$ 904.44
72	50	MSMA 6 Plus, Helena Group , 2 x 2.5 gal , No substitutions	—	—
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 15,631.75

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
73	40	Naiad , 2 X 2.5 gal liquid , No substitutions	—	—
74	20	Naiad, tablets, 30 pellets/case, 1 pellet treats 1 acre, No substitutions	—	—
75	10	Naiad concentrate, 4oz. tubes, 20 per case, No substitutions	—	—
76	10	Naiad, 30 gallon pail, No Substitutions '	—	—
77	4	Naiad, dispenser, hand wand to be used with irrigation hose	—	—
78	10	Naiad, tablets for dispenser (Item 77)	—	—
79	1	Pendulum, BASF, 2 x 10 #, No substitutions	\$ 182.74	\$ 182.74
80	1	Primer 604, Aquatrols, 2 x 2.5 , No substitutions	—	—
81	3	Primo Maxx, Syngenta, 10 gal link pak , No substitutions	\$ 3860. ⁰⁰	\$ 11,580. ⁰⁰
82	15	Primo Maxx, Syngenta, 1 gallon only , No substitutions	\$ 403.14	\$ 6,047. ¹⁰
83	1	10 x 1 lb. Pro star, Bayer, 4 x 2.5 gal, No substitutions	\$ 453.16	\$ 453.16
84	1	Prograss, Bayer, 2 x 2.5 gal, No substitutions	\$ 564.11	\$ 564.11
85	1	Proxy, , Bayer, 2 x 2.5 gal, No substitutions	\$ 178.74	\$ 178.74
86	1	Reward, , 4x 1 gal, Syngenta, no Substitutions	\$ 451.37	\$ 451.37
87	20	Respond 3, granular, UHS, 50 lb, No substitutions	—	—
88	20	Roots 123, Roots, Inc., 2 x 2.5 gal, no substitutions	—	—
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 19,457.22

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
89	10	Roundup – QuickPro, Dry Pak, Monsanto, 1.5 on x 30 case, no subs	\$ 43.89	\$ 438.90
90	10	RoundUp, Monsanto, 2 x 2.5 gal, , no substitutions	\$ 210.53	\$ 2,105.30
91	5	Rubigan, Gowan, 1 x 1 gal , no substitutions	—	—
92	1	Sevin SL, Bayer, 2 x 2.5 gal, no substitutions	\$ 169.47	\$ 169.47
93	1	Snapshot , Dow Agro, 50 # , no substitutions	\$ 83.16	\$ 83.16
94	10	Subdue GR, Syngenta, 25 lb, no substitutions	—	—
95	4	Subdue Maxx, Syngenta, 10 gal link pak, no substitutions	\$ 5,520	\$ 22,080.00
96	18	Subdue Maxx, Syngenta, 2 x 1 gal, no substitutions	\$ 1,153.58	\$ 20,764.44
97	10	Subdue, Maxx, Syngenta, 1 gallon only , no substitutions	\$ 576.79	\$ 5,767.90
98	15	Suspend SC, Bayer, 2 x 2.5 gal., no substitutions	—	—
99	15	Suspend, SC, Bayer, pint, no substitutions	—	—
100	6	Talstar F, "GC" ,FMC,4 x 1 gal, no substitutions	\$ 579.62	\$ 3,477.73
101	2	Talstar, GC Granular,FMC, 50 lb., no substitutions	\$ 31.58	\$ 63.16
102	1	Tartan, Bayer, 2 x 2.5 gal , no substitutions	\$ 2,000.00	\$ 2,000.00
103	1	Team 2 G, Knox, 40 lb. , no substitutions	—	—
104	8	Tempo SC Ultra, Bayer, 12 x 240 ml. , no substitutions	\$ 375.66	\$ 3,005.28
105	8	Tempo, 20 GC, Bayer , 4x4/55 gm, no substitutions	—	—
106	1	Terra Cyte, Bio Safe System , 70 lb. no substitutions	\$ 100.47	\$ 100.47
107	1	Terrazole 35 WP, Uniroyal, 6 x 2 lb, no substitution	—	—
108	6	TransFilm 2.5, PBI Gordon, 2 x 2.5 gal, no substitutions	\$ 112.95	\$ 677.70
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 35,969.07

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
109	10	Trimec Bent, PBI Gordon, 2 x 2.5 gal, no substitution	\$ 130.21	\$ 1302.10
110	10	Trimec Classic, PBI Gordon, 2x2.5 gal, no substitution	\$ 138.95	\$ 1389.50
111	10	Trimec Plus, PBI Gordon, 2 x 2.5 gal, no substitution	\$ 169.79	\$ 1,697.90
112	5	Trimec, Super, PBI Gordon, 2 x 2.5 gal, no substitutions	\$ 315.47	\$ 1,577.35
113	5	Trimec, 992, PBI Gordon, 2 x 2.5 gal, no substitutions	\$ 107.26	\$ 536.30
114	15	Trimmit 2SC, Syngenta, 2 x 1 gal, no substitutions	\$ 766.11	\$ 11,491.65
115	2	Tupersan 50 WP, PBI Gordon , 12 x 4 lb, no substitutions	\$ 820.55	\$ 1,641.10
116	2	Tupersan, Granular 4.7, PBI Gordon , 20 lb., no substitutions	—	—
117	2	Turfcide 400, Flowable , Crompton , 2 x 2.5 gal., no substitutions	\$ 154.74	\$ 309.48
118	1	Zerotol, Bio Safe System, 30 gal, no substitutions	—	—
119	10	Zerotol , Bio Safe System, 2.5 gal, no substitutions	\$ 101.05	\$ 1,010.50
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 20,955.88

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
120	1	Spotrete F, Thiram, protects treated plants from rabbit and deer, and rodent damage, Cleary, 2X2.5 gal./case, or equal; Must provide label	_____	_____
121	10	Spray pattern indicator - BLUE, no-marking on shoes after drying, 2X2.5 gal./case, or equal. Must provide label	_____	_____
122	10	Spray pattern indicator - GREEN, no-marking on shoes after drying, 2X2.5 gal./case or equal. Must provide label	_____	_____
123	20	Spray indicator BLUE color, water soluble packets, 4 x 12 x 2 oz - Must supply label	_____	_____
124	10	Spray indicator, GREEN color, water soluble packets, 4 x 12 x 2 oz., - Must supply label	_____	_____
125	2	SR-2000 Rotary Spreader, APT-8091-3, High quality stainless steel frame, pneumatic tires, cone- adjust spread pattern, Hopper cover included, Anderson/Scott, no substitutions	\$ 525.00	\$ 1,050.00
126	3	Scent, wintergreen, 12X1 qt., Concentrate, Spray Aid, odor masking agent or equal, supply label	_____	_____
127	3	Scent, bubblegum, 12x1 qt, Concentrate, Spray Aide, odor masking agent or equal. Must supply label	_____	_____
128	20	Backlapping compound, 120 grit, Gel-Tec or equal, 25 # bucket	_____	_____
129	20	Backlapping compound, 80 grit, Gel-Tec or equal, 25 lb bucket,	_____	_____
130	20	Backlapping compound, 180 grit, Gel-Tec or equal, 10 # bucket,	_____	_____
131	6	D-Tox, Flowable, liquid product, to neutralize pesticides, and petroleum spills; 2X2.5 gal./case, Cleary or equal	—	—
132	4	Spray adjuvant, Rewet, Exhault, or equal. 2 x 2.5 gal, Must supply labels	—	—
133	4	Hole-in-white, white paint aerosol canused to improve visual effect of putting green cup, 12 x 12 oz case, Hole-in white Co. or equal.	—	—
134	4	Hole white, applicator tool, Designed for paint can as specified above.	—	—
135	4	Dye/ Green turf dye, -restores natural green color to turf during dormant periods, or seasonal browning, no hazardous chemicals, heavy metals or other inert ingredients harmful to turf, may be applied to divot mix, Becker Underwood, 2x 2.5 gal/ case, or equal	—	—
136	4	DYE/ Green-Zit, dyes grass a natural green color, and maybe used for top dressing, 2 x 2.5 gal/case Cleary, or equal	—	—
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 1,050.00

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
		Fairway and Tees (Turf Type Seed) vendor must supply tag/ label with bid		
137	25	MED GOLD 3-way Perennial Ryegrass Blend, Mixture shall comprised of 3 Rye's in equal parts all Ryes' being gray leaf spot resistant, NTEP rated variety for Mid Atlantic Region. within blend, Oregon Certified Seed, >84% germination current year , 50 lb bag package , vendor must supply tag/label , must be golf quality seed	\$ 63.50	\$ 1,587.50
138	25	GRIDIRON 4-way blend of Bluegrass, Fescue, and Rye shall comprised of 2 Blue grass Cultivars , 1 tall turf type fescue, 1 perennial rye- which is gray leaf spot resistant, Seed,> 84% germination current year, Oregon Certified Seed, 50 lb. vendor must supply tag / label ,must be NTEP rated varieties for mid Atlantic region, must be golf quality seed product	\$ 62.50	\$ 1,562.50
139	25	ATHLETIC PRO II 4-way Bluegrass/ Rye Blend, with approx 75% Kentucky bluegrass and 25% Ryegrass which is gray leaf spot resistant, must be NTEP rated variety for mid Atlantic region > 84% Germination current year, No noxious weeds, 50 Lb bag. Must provide label vendor must supply tag/ label , must be golf quality seed product	\$ 80.00	\$ 2,000.00
140	12	Bentgrass Seed (Turf Type) vendor must supply tag/ label with bid Two Seed Cultivar Blend , Seed Research Varieties of Bentgrass, in equal parts, Oregon Certified Seed, >84% germination current year, no noxious weed, No subs, 25 lb, Dominant- SR 119 and McKenzie cultivar blend, vendor must supply tag/ label	—	—
141	12	Penncross Bent , Oregon Certified Seed, >84% germination in current year, no noxious seed, 25 lb bag vendor must supply label	\$ 205.00	\$ 2,460.00
142	6	L-93 Creeping Bent seed , Germination >84% germination current year, No noxious seed, 25 bag, Oregon Certified Seed vendor must supply tag/ label	\$ 200.00	\$ 1,200.00
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 8,810.00

Med Gold Perennial Ryegrass Blend

STRENGTHS:

- A blend of Jacklin's best ryegrasses.
- Endophyte enhanced for improved insect resistance.
- Superior density in closely mown turf.
- Exceptional dark green color.
- Improved disease resistance.

FORMULA:

Med Gold is comprised of three vigorous perennial ryegrass varieties (Accent, Goalkeeper, APM, or Caddieshack)

PRODUCT DESCRIPTION:

APM was ranked in the top three nationally for overall quality in National Turfgrass Evaluation Program (NTEP) trials. APM excelled in categories such as density, mowing quality, wilt tolerance, and percent live cover. APM has also demonstrated improved resistance to common turfgrass diseases such as red thread, leaf rust, brown patch, and *Pythium*. In two university trials of dormant bermudagrass overseeding, APM ranked first in seasonal turfgrass quality.

Accent's quality performance has been among the top ten varieties in the National Turfgrass Evaluation Program's (NTEP) 1994 Perennial Ryegrass Trial. Accent's speedy germination and seedling vigor provide quick establishment even under adverse growing conditions. Accent is a medium dark green variety that forms a dense turf. It is especially dark and dense during the spring and summer months. Accent has improved disease resistance (Brown patch, Dollar spot, Red thread) in conjunction with high endophyte content. Its excellent persistence is reflected in a high living ground coverage through the four seasons with reduced winter damage.

New in 1998—GoalKeeper had good performance under net blotch pressure followed by moderate brown patch. GoalKeeper outperformed Prelude II, Advent, Manhattan II, and Fiesta II when net blotch activity was heaviest. Seed stock of GoalKeeper has an endophyte content over 90% providing enhanced resistance to many surface-feeding insects. Endophytes are fungal organisms that have a symbiotic relationship with ryegrass plants. The ryegrass plants provide them with a home, in return the endophytes produce plant protectants that discourage insects from eating the plants. In overseeding trials at the University of Florida, GoalKeeper was among the best in resistance to dollar spot.

RECOMMENDED USES:

Med Gold is formulated for both permanent northern turf and southern dormant bermudagrass overseeding. On permanent turf, Med Gold is used for rejuvenating thin, heavily trafficked or diseased turf or where rapid turf replacement is necessary. When overseeded into dormant bermudagrass in the South Med Gold produces both an excellent playing surface for sports and a great looking lawn for home and commercial landscapes. It is particularly suited to golf course and athletic field turf because of its excellent tolerance to traffic, compacted soil, low clipping heights, and its ability to establish rapidly. Med Gold tolerates medium to high maintenance in full sun to partial shade.

SEEDING RATES, PERMANENT TURF:

Establishment:	200 - 275 lbs./acre
Interseeding: 20 - 50% cover:	175 - 200 lbs./acre
50 - 75% cover:	100 - 175 lbs./acre

DORMANT BERMUDAGRASS OVERSEEDING:

Greens	25 - 40 lbs./1,000 sq. ft.
Fairways	200 - 500 lbs./acre
Athletic Fields and Landscapes	7 - 20 lbs./1,000 sq. ft.

12/00



The
First Tee®

5300 West River
Phone 208-773-7588

4-9499
jacklin.com



Grid Iron Mixture

GRID IRON

80% Tall Fescue/10% Kentucky Bluegrass/10% Perennial Ryegrass

STRENGTHS:

- Excellent heat and drought tolerance from a deep root system.
- Superior wear tolerance and recuperative potential.
- Improved sod-forming characteristics.
- Excellent density and leaf texture.
- Good adaptation to sun or shade.
- Adapts well to a low maintenance program.
- Superior resistance to brown patch, *Pythium*, and net blotch diseases.

FORMULA:

GRID IRON MIXTURE uses 80% by weight of two tall fescue varieties selected from Amigo, Quest, and/or Pixie with 10% NuBlue or BlueChip Kentucky bluegrass and 10% Accent or ASAP Perennial Ryegrass.

PRODUCT DESCRIPTION:

GRID IRON MIXTURE provides all of the outstanding characteristics of our Triple-A tall fescue blend plus improved sod-forming characteristics and recuperative potential by using either NuBlue or BlueChip Kentucky bluegrasses. These two Kentucky bluegrass varieties will also maintain a denser and finer textured turf by creeping into voids caused by divots or excessive wear.

SEEDING RATES:

New Seeding	275 - 300 lbs./acre
Overseeding	100 - 200 lbs./acre

7/01

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Athletic Pro® II

STRENGTHS:

- Superior performance on lower maintenance athletic fields
- Excellent cold hardiness
- Excellent wear tolerance and recuperative potential
- Very good resistance to diseases common to lower maintenance turf

FORMULA:

50% 2 of 4 Kentucky bluegrasses
(Absolute, BlueChip, Rugby II, NuBlue)

50% 2 of 3 perennial ryegrasses
(Accent, GoalKeeper, APM)

PRODUCT DESCRIPTION:

Athletic Pro II is tailored to athletic fields, playgrounds, golf course roughs, or other high traffic areas that receive less-than-optimal maintenance, where superior quality and long-term durability are desired. **Athletic Pro II** performs well at $\frac{3}{4}$ inch mowing heights and should be maintained above 1 inch under restricted moisture and fertility programs.

The bluegrasses were selected to combine wear tolerance, vigorous recuperative ability, and broad based disease resistance. BlueChip, NuBlue and Rugby II exhibit excellent seedling vigor and sod forming characteristics for superior performance in new establishment and overseeding programs. Absolute is top ranked in the NTEP trials. NuBlue is well known for maintaining high summer density.

GoalKeeper, Accent and APM perennial ryegrass provide rapid establishment, excellent wear resistance and recuperative ability, plus a unique combination of superior winter hardiness and transition zone adaptation. APM and Goalkeeper are two of the cleanest mowing varieties according to NTEP trial reports, which means they will perform well even with rotary mowing. All three perennial ryegrasses are endophyte enhanced for excellent persistence and insect resistance. Accent is one of Jacklin's highest scoring ryegrass varieties, nationally.

Rugby II, NuBlue, APM, GoalKeeper and Accent display a reduced fertility requirement compared to other cultivars. Early spring greenup, superior summer density and excellent fall color retention provide year-round quality.

SEEDING RATES:

New establishment	125 - 225 lbs./acre
Overseeding	75 - 125 lbs./acre

01/02

JACKLIN
Quality Inside

The
First Tee

Tips for Seeding and Renovation

Overseeding an existing turf area with thin or bare spots:

- Start by mowing the existing turf as short as possible.
- Aerate or power rake the area to be seeded to bring soil to the surface.
- Rake away the thatch and lawn clippings.
- For best results, conduct a soil test to determine if the soil pH or fertility needs to be adjusted. Add lime, sulfur, or basic fertilizer to correct imbalances.
- Apply starter fertilizer at 1 to 2 lbs. of actual nitrogen per 1000 ft² (for example, 6-20-20 XB or 15-15-15).
- Apply the seed with a drop or spinner spreader and gently rake it in to a depth of no more than 1/4".
- Roll the surface with a weighted packer to improve seed-to-soil contact.
- Keep the area constantly moist with frequent light applications of water until the seedlings are well established (3-4 weeks). After that, resume a normal watering schedule.
- Begin mowing shortly after the blades exceed the intended cutting height.
- Follow up with a slow-release maintenance fertilizer beginning at 3-4 weeks after emergence (for example, Polyon or equivalent).

Establishing a new turf area:

- Control existing weeds with a non-selective herbicide.
- Till the soil to a depth of 4 to 6". Incorporate organic material if the soil is sandy or has heavy clay.
- Remove large stones and debris and rake smooth.
- For best results, conduct a soil test to determine if the soil pH or fertility needs to be adjusted. Add lime, sulfur, or basic fertilizer to correct imbalances.
- Apply starter fertilizer at 1 to 2 lbs. of actual nitrogen per 1000 ft² (for example, 6-20-20 XB or 15-15-15).
- Apply the seed with a drop or spinner spreader and gently rake it in to a depth of no more than 1/4".
- Roll the surface with a weighted packer to improve seed-to-soil contact.
- Apply a straw or wood-fiber mulch (for cool-season grasses only).
- Keep the area constantly moist with frequent light applications of water until the seedlings are well established (3-4 weeks). After that, resume a normal watering schedule.
- Begin mowing shortly after the blades exceed the intended cutting height.
- Follow up with a slow-release maintenance fertilizer beginning at 3-4 weeks after emergence (for example, Polyon or equivalent).

Sobresembrar de una área extendida existente de césped o zacate que contenga lugares poco densos o pelados:

- Empezar el proceso de siembra con cortar la extensión existente de césped o zacate lo más corto posible.
- Airear el área para sembrarse.
- Quitar rastrillando cualquier paja o recortes de césped.
- Para los mejores resultados, efectuar una prueba del suelo para determinar si el pH del suelo o a la fertilidad necesitan ajustarse. Agregar cal, azufre, o un fertilizante básico si los resultados de la prueba del suelo lo indican.
- Aplicar un fertilizante para comenzar a 1 a 2 libra de nitrógeno por cada 1000 pies cuadrados. (Por ejemplo, 6-20-20 XB o 15-15-15)
- Aplicar las semillas con una esparcidora del tipo que deja caer el fertilizante, e incorporarlas rastrillando suavemente en el suelo hasta una profundidad no más de 1/4 pulgada (0.63 centímetro)
- Apretar la superficie con un rodillo para mejorar el contacto entre las semillas y el suelo.
- Mantener el área constantemente húmeda con aplicaciones ligeras de agua hasta que las plántulas se hayan establecido bien (por 3 a 4 semanas)
- Después, vuelve a su horario de regar agua regular.
- Comenzar segando después que el césped crezca poco más de la altura deseada
- Después de 3 a 4 semanas, cuando el césped emerge, haga un seguimiento con fertilizante de distribución uniforme. (Por ejemplo, Polyon o equivalente)

Establecimiento de una nueva área extendida de césped o zacate:

- Controla las hierbas malas existentes con un herbicida no selectivo.
- Cultivar el suelo hasta una profundidad de 4 a 6 pulgadas (10 a 15 centímetros), e incorporar un material orgánico si el suelo es arenoso o tiene arcilla pesada.
- Quitar cualesquier piedras y escombros que el cultivador haya desenterrado.
- Para los mejores resultados, efectuar una prueba del suelo para determinar si el pH del suelo o a la fertilidad necesitan ajustarse. Agregar cal, azufre, o un fertilizante básico si los resultados de la prueba del suelo lo indican.
- Aplicar un fertilizante para comenzar a 1 a 2 libra de nitrógeno por cada 1000 pies cuadrados. (Por ejemplo, 6-20-20 XB o 15-15-15)
- Aplicar las semillas con una esparcidora del tipo que deja caer el fertilizante, e incorporarlas rastrillando suavemente en el suelo hasta una profundidad no más de 1/4 de pulgada (0.63 centímetro)
- Apretar la superficie con un rodillo para mejorar el contacto entre las semillas y el suelo.
- Aplica paja o pajote de fibras de madera (Solamente por especies de clima frío)
- Mantener el área constantemente húmeda con aplicaciones ligeras de agua hasta que las plántulas se hayan establecido bien (3 a 4 semanas) Después, vuelve a su horario de regar agua regular.
- Comenzar segando después que el césped crezca poco más de la altura deseada.
- Después de 3 a 4 semanas, cuando el césped emerge, haga un seguimiento con fertilizante de distribución uniforme. (Por ejemplo, Polyon o equivalente)

DNR80113 - GOLF COURSE CHEMICALS BID FORM - BID OPENING: JANUARY 24, 2007; 1:30 PM

Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
		Specialized Fertilizers (Landscaping, bedding plants and ornamental plantings)		
143	1	15-0-15Plus, Hi Cal, 10.5 % Ca, water soluble, 25 Lb bag, Plant Marvel, or equal, supply label if substitute	\$ 24.00	\$ 24.00
144	1	28-18-8Plus, High Acid, For acid loving plantings,trees,Shrubs,landscapes Water soluble, 25 lb bag, Plant Marvel or equal, supply label if substitute	\$ 24.00	\$ 24.00
145	1	10-30-20Plus, Blossom booster for landscaping annual plant beds, Water soluble, 25 lb bag, Plant Marvel or equal, Supply label if substitute	\$ 24.00	\$ 24.00
146	1	15-3-20Plus, 3% Ca, 1% Mag, For winter bedding plants, water soluble 25 Lb package, Plant Marvel or equal, supply label if substitute	\$ 24.00	\$ 24.00
147	1	19-26-14Plus, Rose food, landscaping, water soluble, 25 lb bag, Plant Marvel or equal, supply label if substitute	\$ 24.00	\$ 24.00
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 120.00

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
Andersons - Polyon				
148	20	Polyon 0-0-50 , SGN 100, Sulfate of Potash, No substitutions	—	—
149	10	Polyon 16-3-26 SGN 140, 50% Polymer coated N, 82% Polymer coated K, Polyon 41, no substitutions	—	—
150	10	Polyon 22-2-19 SGN 140, 86% Polymer coated N, 80% Polymer coated K, Polyon 41, Polyon SOP with micros, Sulphate of Potash, no substitutions	—	—
Dimension Products - Pre-emergent Herbicide				
151	150	18-3-12 , Andersons w/.103% Dimension & 25% NS-52, Stock # APT184DM5.1, SGN 150, no substitutions	\$ 21.00	\$ 3,150.00
152	150	18-3-12 , Andersons w/0.164% Dimension & 25% NS-52, Stock # APT18DM5.2, SGN 150, no substitutions	\$ 21.00	\$ 3,150.00
153	200	19-3-6 , Andersons w/.072% Dimension & 20% NS-52, Stock # APT193DM5, SGN 215, no substitutions	\$ 14.00	\$ 2,800.00
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 9,100.00

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Item No:	Est. Order Quantity	Description	Unit Price	* EXTENDED AMOUNT
		Andersons Tee Time (Homogenous 80-120 Contec)		
154	30	9-18-18 w/ 25% methylene Urea, SGN 110, MAP, 7%S,4%,Ca,2% Mg Andersons, 50 lb bag, no subs , AGC8429	\$ 33.25	\$ 997.50
155	30	17-3-17 w/50% Methylene, Urea, +Micros, MAP, #.3% Amm N, 10%S, 1%Fe, .5Mn Andersons, 50 lb bag, no subs, AGC84825	\$ 38.50	\$ 1,155.00
156	30	17-3-17 Andersons, SGN 80, 50% Methylene, Urea, Potassium Sulfate, 10% S, 1% Fe, 0.5% Mn, 50 lb bag, AGC 84825, no substitutions	\$ 38.50	\$ 1,155.00
157	30	18-9-18, Andersons, SGN 80, Potassium Sulfate , 6.7% S, 0.28% Fe, 0.14% Mn, 50 Lb bag, AGC8348-1, no subs	\$ 33.50	\$ 997.50
158	30	19-3-19,w/100% Methylene Urea, 6.5% S, SSP/TSP, 6.5% S, AGC8381, Andersons, no substitutions	\$ 36.50	\$ 1,095.00
159	30	19-2-15 w/100% methylene urea +micros,SSP/TSP, 7.5%S, .1% Fe, 2% Mg, .02%B,.05%Cu,.05%Mn,.0005% Mo, .05%Zn, 50 lb bag, No Substitutions , AGC8346	\$ 41.50	\$ 1,245.00
		100 SGN- Methylene Urea, Tee Time Blended		
160	30	10-5-25w/50%, Methylene Urea, DAP, 8.5%S, 1%Fe, .1%Cu, .1% Mn, .1% Zn Micros, Andersons, No Substitutions, item # AGC101M5.1, SGN 100	\$ 25.50	\$ 765.00
161	30	13-2-13w/Am sulfate,2% Iron, micros, Andersons, AGC13M5.1, no subs	\$ 21.50	\$ 645.00
162	30	13-2-13 SGN 100, Andersons, Amm Sulfate, Potassium Sulfate, w/micros (18.3% S, 2.0% Fe, 0.1% Cu, .01% Mn, 0.1% Zn), 50 lb bag, no subs	\$ 21.50	\$ 645.00
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			\$	\$ 8700.00

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
New 2007 Fertilizers - Andersons				
163	30	5-0-20, w/40% PCSU/MOP/Micros ALA52M5, Andersons, no substitutions, 50 lb bag,	-	-
164	30	5-10-31, w/20% PCSCU, + 10% FE, ALA51FE5, Andersons, no substitutions, 50 lb bag.	\$ 13.25	\$ 397.50
165	30	10-22-22 Starter, w /DAP/MOP , ALA105, Andersons, No substitutions , 50 lb bag.	-	-
166	30	18-0-18, w/50% PCSCU, 50% AS+ 1% Fe Andersons, ALA189FE5, no substitutions, 50 lb bag.	-	-
167	30	24-4-11, w/ 25% AS, 35% PCSCU, +3% Fe Andersons, ALA248FE5, no substitutions, 50 lb bag	-	-
168	30	32-3-10 w/ 20% PCSCU Andersons ALA3265, No substitutions, 50 lb bag	-	-
169	30	5-5-30 w/ .48% prodiamine Andersons, No substitutions ALA5PR5 50 lb bag	\$ 32.50	\$ 975.00
Greens Grade Fertilizers- Andersons - New for 2007				
170	20	18-9-18 w/ 63% Methylene Urea, + Micros Andersons, No substitutions, SGN 80, 50 lb bag	\$ 33.50	\$ 670.00
171	20	13-2-13, W / Am. Sulfate, DG Pro, 2% Iron, Micros Andersons, No substitutions, SGN 100 , 50 lb bag	\$ 21.50	\$ 430.00
172	20	21-3-16, w/97% Nutralene, DG PRO, 1% iron, Micros Andersons, No substitutions , SGN 100, 50 lb bag	\$ 32.30	\$ 646.00
173	20	10-5-25, w 50% Nutralene, DG PRO, Micros Andersons, No substitutions, SGN 100, 50 lb bag	\$ 23.50	\$ 470.00
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 3588.50

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
Lebanon country club -NX- pro				
174	30	13-25-12, Lebanon Country Club, SGN 195, Potassium Chloride, 2% S, 0.5% Fe, 50 lb bag, no subs	—	—
175	30	16-16-16, Lebanon Country Club, 40% IBDU, SGN 230, Sulfate of Potash, 5.4% S, 1.0% Fe, 0.8% Mg, 0.4% Mn, 50 lb bag, no subs	—	—
176	30	18-5-9, Lebanon Country Club, 51% MU, SGN 195, Sulfate of Potash, 5.4% S, 1.0% FE, 1% Mg, 0.25% Mn, 50 lb bag, no subs	—	—
177	30	10-18-22, Lebanon Par Ex , SGN 90, Sulfate of Potash, 1% Mg, 7.2% S, 0.8% Fe, 50 lb bag, no subs	—	—
178	30	13-20-20 , NX Pro, 47% Meth-EX40 Micros Greens SGN 100, 50 lb bag, Lebanon Turf, NO Subs	—	—
179	30	16-0-30, Lebanon NX-Pro, SGN 100, Sulfate of Potash, 9.8% S, 1% Fe, 0.7% Mn, 50 lb bag, no subs	—	—
180	30	17-3-17, Lebanon NX-Pro, SGN 145, Sulfate of Potash, 8% S, 0.5% Fe 50 lb bag, no subs	—	—
181	30	20-4-10, Lebanon Greenskeeper ,43% CRN, SGN 190 Muriate of Potash, 0.5% Fe, no subs	—	—
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ —

DNR80113 - GOLF COURSE CHEMICALS BID FORM - BID OPENING: JANUARY 24, 2007; 1:30 PM

Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
Andersons - TEE TIME				
182	20	18-6-15, w/65% methylene Urea, 2%Iron, Micros,65% N from Urea, 5.1% S, 2% Fe, .1% Cu, .1% Mn, .1% Zn Andersons, AGC184M5.1 50 lb bag, no substitutions SGN 100	\$ 31.50	\$ 630.00
183	20	21-3-16 w/97% methylene Urea, 1% iron, micros, 97% of N from Meth Urea's 5.4% S, 1% Fe, .1% Cu, .1% Mn, .1%Zn, Andersons, # AGC217m50.1 50 lb bag, , no substitutions SGN 100	\$ 32.50	\$ 650.00
Greens - low cut turf , Tees SGN 120-140				
184	20	19-25-5 w/35% methylene urea, starter fertilizer, SGN 120,greens grade MAP, AGC8383-1 , 50 lb bag, Andersons, no substitutions	\$ 32.50	\$ 650.00
185	15	31-3-10 w/45% methylene Urea, micros, MAP, 3.8% S, .2% Fe, .1% Mn AGC8331-1, 50 lb bag, Andersons, no substitutions	\$ 29.50	\$ 442.50
186	15	22-3-14 w/33% methylene Urea, MAP, 10% S, 5.7%Amm N, 50 lb bag, Andersons, AGC8414-2, no substitutions	\$ 22.50	\$ 337.50
Blended - SGN 125- Methylene Urea, Tee Time				
187	10	0-0-45, Andersons, 100% Poly Coated, SGN 125, Sulfate of Potash AGC830456, no substitutions	\$ 49.50	\$ 495.00
188	20	25-5-15 w/50% methylene urea, 1% Iron, Micros, DAP, 5.1% S, 1% Fe SGN 125 , AGC254M5, Andersons , 50 lb bag, no substitutions	\$ 22.50	\$ 450.00
189	20	22-4-18 w/ 93% Methylene Urea, 1% Iron, DAP, 6% S, 1%Fe Andersons, AGC22715, 50 lb bag , no substitutions	\$ 26.50	\$ 530
190	20	19-26-5 w/ 18% Methylene Urea, 1% iron, Micros, 1.7% S,1% Fe, .1% Cu .1% Mn, .1% Zn, Andersons , 50 lb bag, no substitutions	\$ 22.50	\$ 450.00
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 4635.00

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
Blended- NS-52 SGN 215				
191	30	10-15-30 w /1%iron, NS-52,AGC105, Andersons, 50 lb bag, No substitutions SGN 215, 50 lb bag, no substitutions , Andersons ,	\$ 17.50	\$ 525.00
192	30	17-3-17,Andersons,SGN 150.NS-52, Potassium Sulfate,19.6% S, 2% FE, 0.1% Cu, 1.0% Mn, 0.1% Zn, 50 lb bag, AGC1715M5, no substitutions	\$ 17.25	\$ 517.50
193	20	8-24-12, 25% NS-52, MOP, Andersons, APT1845, SGN 215. No substitutions,50 lb bag,	\$ 13.50	\$ 270.00
194	100	21-28-7 starter fertilizer, 10.95% ammonium nitrate, 10.95% urea, SGN 215 Andersons, no substitutions	\$ 13.50	\$ 1,350.00
195	100	25-5-12 w/50%, NS-52, 2% iron, Micros, AGC251m50, Andersons, 50 lb bag , no substitutions	\$ 14.95	\$ 1,495.00
196	200	5-10-31 w/ 20% NS-52, 10% iron, 4%Ammon N, 1% Urea, , .41%S, Andersons, no subs, 50 lb bag SGN 215 -	\$ 13.25	\$ 2,650.00
197	100	25-5-15 w/32% NS-52, AGC255, Andersons, 50 Lb bag, no substitutions	\$ 17.75	\$ 1,775.00
198	100	28-3-10 w/21% NS-52 , AGC2856, Andersons, 50lb bag, no substitutions	\$ 18.00	\$ 1,800.00
199	100	28-3-10 w /96%, NS-52, AGC28265, Andersons, 50 lb bag, no substitutions	\$ 21.50	\$ 2,150.00
Blended- Poly-S SGN 240				
200	100	19-3-19 w/94% poly-S, micros, Andersons AGC8361, 50 lb bag, no substitutions	\$ 24.50	\$ 2,450.00
201	100	25-3-10 w/96%, Poly-S, 2% Iron, MAP, Andersons, 50 lb bag, AGC8385, no substitutions	\$ 30.00	\$ 3,000.00
			Subtotal	\$ 17,982.50

* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
Anderson -Sprayable Nutrient packages				
202	30	Fluids minors package, 2 x 2.5 gal case, 2.45% FE, 1%Mg, .05% Zn, .02%B, .235% MN, Andersons, AGC83025 ,0-4-4, no subs	\$ 203.00	\$ 6,090.00
203	100	17-3-5 fluid fertilizer, w/25% CRN,proactin, +micros, Provides, L-Amino acids, vitamins, and secondary binutrients, Sprayable Nutrients, AGC174AV5 , Andersons, 5 gal, no substitutions	\$ 70.00	\$ 7,000.00
204	100	29-2-3 Anderson's Fluid Fertilizer, 29% Total N, 2% Ph, 3%soluble Potash, 2- 2.5 gal case, AGC83009, No Subs	\$ 75.00	\$ 7,500.00
Andersons Fertilizers, w/post emergent weed control				
205	120	13-3-26 w/ .869% millennium Ultra, 50% NS, SOP, Andersons, 50 lb bag, no substitutions -	\$ 17.95	\$ 2,154.00
206	300	18-5-9 w/ millennium Ultra, /30% NS-52 , AGC185ML4.2 SGN 150, Andersons, no substitutions	\$ 15.50	\$ 4,650.00
Lebanon Country Club				
207	300	20-4-10 with 1.15% Team, Lebanon Country Club, NO Substitutions 50 lb bag Fairway grade, , 39% Controlled release N.		
208	150	18-5-9 Lebanon Country Club, fairway grade, <150 SGN , No substitutions 3.6% slow release N , homogenous blend , 50 lb bag		
209	150	16-16-16, Country Club, 40% IBDU, SGN 230, Sulfate of Potash, 5.4% S, 1.0% Fe, 0.8% Mg, 0.4% Mn, No substitutions		
210	140	18-5-9, Country Club, 51% MU, SGN 195, Sulfate of Potash, 5.4% S. 1.0% FE, 1% Mg, 0.25% Mn, No substitutions		
211	100	18-3-18, Country Club, Meth-EX40, 65% Controlled Release N, SGN 100 , greens grade , PIN > 245, 4.5% WIN, 7.2 OWSN, NO Substitutions		
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 27,394.00

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
UAP - Greens Grade				
212	20	0-0-28, 7.5%Fe,6.5% Mn, SOP, UAP/Loveland 50 lb bag, greens grade, SGN-90-100,no substitutions		
213	20	0-0-26, 3% Fe Polymer Coated potassium, SOP, UAP/Loveland 50lb bag, greens grade, SGN-90-100,no substitutions		
214	30	5-2-8 80% Milorganite, 4.8% FE, SOP UAP , SGN90-100 50 lb bag, greens grade, no substitutions		
215	30	5-4-5 , natural organic, with minimum 8% CA,micros, SGN 95 50 lb bag, UAP/Loveland , No substitutions		
216	30	6-2-0 4% Fe,100% Milorganite,50lb bag, no substitutions, SGN90-100, greens grade		
217	30	7-1-14, 60% Milorganite, 50% Nutralene, SOP, 50 lb bag, UAP, No substitutions SGN90-100 , greens grade		
218	50	10-18-22-UAP, 62% BCMU, SOP, 1%FE, ,micros, SGN 90-100, greens grade , 50 lb bag, no subs		
219	50	12-1-12, 40% Org, 40% BCMU, 40% AS, 2.4% F,SOP, UAP/Loveland 50 lb bag, no subs , Greens grade SGN 90-100		
220	50	12-2-24,77%BCMU, 1.2% Fe, + Micros, SOP, UAP/Loveland 50 lb bag, greens grade, SGN 90-100, No substitutions		
221	50	14-3-14,70% BCMU, 2% Fe,+micros, SOP, UAP\Loveland, 50 lb bag SGN- 90-100 greens grade , No substitutions		
222	20	15-0-30, 100% BCMU, 1%Fe, SOP, UAP/Loveland , 50 lb bag SGN 90-100, greens grade, No substitutions		
223	30	16-4-8, 1% Fe, 100% Ammonium sulfate, SOP, UAP/Loveland 50lb bag, greens grade, SGN 90-100,no substitutions		
224	30	18-0-18, 75% BCMU, 25% AS, 1.3% Fe,+Micros, SOP, 50 lb bag SGN 90-100, 50 lb bag, UAP/Loveland , no substitutions		
225	20	18-3-18 92% BCMU, .9% FE+Micros, SOP, UAP/Loveland 50 lb bag, greens grade, < No substitutions, SGN- 90-100		
226	20	21-3-12, 63%BCMU, 0.9% Fe,+Micros, UAP/Loveland 50 lb bag, greens grade, SGN- 90-100, no substitutions		
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
		UAP- tee cut and fairways		
227	20	12-1-12, 50% Org,54%BCMU,21% Pot Nitrate, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN 125-150, no substitutions		
228	20	12-24-12, 30% STU, SOP, UAP/ Loveland , starter fert 50 lb bag, tee and low cut fairways, SGN- 125-150 , no substitutions		
229	20	16-2-22, 61% BCMU, + Micros, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN-125-150, no substitutions		
230	20	19-0-19, 100% SRN,1% FE, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN- 125-150,no substitutions		
231	20	15-0-30, 100%STU, 1%Fe, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN125-150, no substitutions		
232	20	22-0-22, 60% BCMU, 1.5% FE, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN 125-150 , no substitutions		
233	20	22-4-20,70% STU, 1% Fe, Prospect, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN 125-150 , no substitutions		
234	20	28-3-10,72% BCMU, 1% Fe, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN 125-150, no substitutions		
235	20	21-0-21, 100 % BCMU, SOP, UAP/Loveland 50 lb bag, low cut, fairways, SGN 125-150, no substitutions		
236	20	24-2-12, 50% BCMU, 1% Fe, SOP, UAP/Loveland 50 lb bag, low cut, fairways, SGN 125-150 , no substitutions		
237	20	25-5-11, 70% STU, 1% FE, Prospect, SOP, UAP/Loveland 50 lbbag, low cut fairways, tees, SGN 125-150,no substitutions		
238	20	28-3-10, 72% BCMU, 1% Fe, SOP, UAP/Loveland 50 lb bag, tees and low cut fairways, no substitutions		
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
UAP- -Golf Turf -Lawn Care				
239	20	11-11-11, w/ lime SGN- standard grade, UAP, no substitutions 50 lb bag		
240	30	12-1-12, 50 % org, 54% BCMU,21% Pot Nitrate, UAP/Loveland 50 Lb bag, standard grade, golf and lawn care, SGN 200-220 ,no subs		
241	100	12-24-14, 30% STU, 2% Fe, Prospect, UAP/Loveland - starter fert 50 lb bag, standard grade, golf and lawn care, SGN 200-220, no subs		
242	100	19-19-19 30% STU, SOP, UAP /Loveland ,50 lb bag standard grade, golf and lawn care SGN 200-220, no subs		
243	100	20-3-20,70% STU, 2% Fe, SOP, UAP/Loveland standard grade, golf and lawn care, SGN 200-220, no substitutions		
244	100	20-8-8 30% STU,UAP /Loveland , 50 lb bag, Standard grade golf and lawn care, SGN 200-220, no substitutions		
245	100	28-3-10 50% STU, 1% Fe, UAP/Loveland 50 lb bag, golf and lawn care, SGN 200-220 , no substitutions		
246	100	30-0-10, 50% STU, Prospect, SOP, UAP/Loveland 50lb bag, golf and lawn care, SGN 200-220, no substitutions		
247	100	23-3-6, 25% SCU, .82 % Trimec., UAP/Loveland 50 lb bag, golf and lawn care ,standard grade\ no substitutions		
248	100	18-24-12, 25% SRN, UAP/Loveland 50lb bag,standard grade, golf and lawn care, SGN -200-220, No , subs		
249	100	20-3-20, 70% STU, 2% Fe, OP, UAP 50 lb bag, standard grade, golf and lawn care, SGN 200-220, no subs		
250	100	20-4-10, 75% SRN, 1% Fe, UAP/Loveland, 50 lb bag standard grade, golf and lawn care, SGN 200-220,no subs		
251	100	20-5-20, 50% STU, Prospect, SOP, UAP/Loveland 50 lb bag, golf and lawn care, SGN 200-220, No subs		
252	100	21-3-16, 60% BCMU, 30% SCU, 3% Fe, SOP, UAP/Loveland 50 lb bag, no substitutions, SGN 200-220		
253	100	22-3-11, 40% SCU, ,2% Fe, UAP/Loveland, 50 lb bag, no substitutions, SGN 200-220		
254	100	34-0-15, ALL Mineral, Prospect, UAP/Loveland 50 lb bag, no substitutions, SGN- 200-220		
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
		Fertilizer + Insect Control- Lawn Care UAP		
255	5	0-0-7, .225% Allectus, UAP/Loveland 50 lb bag, lawn care, insect control , no substitutions		
256	5	18-2-5 40% SCU,.225% Allectus, UAP/Loveland 50 lb bag, lawn care, insect control, no substitutions		
257	5	15-3-5, 20% SCU, .20 % Merit, UAP/Loveland 50 lb bag, lawn care, insect control, no substitutions		
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
Pre-emergent crabgrass Control -UAP				
258	100	15-0-05, 25% STU, .17% Dimension, (.38 lb Al) UAP/Loveland 50 lb bag, no substitutions		
259	100	15-3-5 .86% Team Pro mn, 20% STU, 50 lb bag - UAP (1.5 Al) standard medium grade, Fairway, crab grass control preemergent ,no subs		
260	100	19-3-5, .10% dimension, Mini, 25% STU, (.17lb Al) fairway, 50 lb bag., UAP, No subs		
Fertilizer, with Broad leaf control				
261	100	15-2-5 25% SCU, .87 Millennium ultra, UAP 50 lb bag, no substitutions		
Soluble / Liquid Fertilizers				
262	125	18-3-6 , The Classic, Slow available liquid nitrogen, w / micros 2 x 2.5 gal containers, Growth Products, No Subs		
263	25	28-8-18 + Micros, bent special, FeRION, UAP/Loveland 25 lb bag, soluble , no substitutions , 1-3 bags per acre		
264	25	13-0-44 + Micros, , Pot Nitrate, FeRION, UAP/Loveland 25 lb bag, soluble, no substitutions, 2-4 lbs/ gal/ 1,000 sq. ft.		
265	25	13-28-20, UAP, BCMU, SOP, Micros, minimum 6% sulphur, , 50 lb bag , or equal		
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$

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Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
		Griggs Brothers /Green Spec Fertilizers		
266	15	Griggs Brothers 7-7-7 iron, 50. lb bag, No substitutions	—	—
267	15	Griggs Brothers , granular, Turf Rally, 16-4-8, 50 lb.bag, no Substitutions	—	—
268	15	Griggs brothers, 10-2-4, All natural organic, 50 lb bag, No substitutions	—	—
269	25	Griggs Brothers, Endurance, 8-4-16, 50 lb bag, No substitutions	—	—
270	25	Griggs Brothers, Aerator, 38% Calcium, 50 lb bag , No substitutions	—	—
271	125	Griggs Brothers, Gary's green ultra 13-2-3+Iron, , 2x 2.5 gal , no substitutions	—	—
272	100	Griggs brothers, P-K-plus , 3-21-18 + micros, 2x 2.5 gal , no substitutions	—	—
273	125	Gary's Green,18-3-4, iron-micros, 2 x 2.5 gal., No substitutions	—	—
274	50	Griggs Brothers, A-O-K, 1-0-24, 2 x 2.5 gal , No substitutions	—	—
		Milorganite		
275	240	Milorganite, organic fertilizer, 6-2-0, Fairway, SGN <150, 50 lb, No subs	—	—
276	700	Milorganite, organic fertilizer, 6-2-0, Greens grade, SGN <100, 50 lb, no subs	—	—
277	120	Milorganite, organic fertilizer, 6-2-0 Classic, Pro Only, 4% iron, 50 # bag, No subs	—	—
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ <u> </u>

DNR80113 - GOLF COURSE CHEMICALS BID FORM - BID OPENING: JANUARY 24, 2007; 1:30 PM

Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
Nature Safe Fertilizers				
278	50	5-6-6 starter fertilizer, Fine grade, nature safe, 50 lb bag , No substitutions	\$ 23.50	\$ 1,175.00
279	50	8-3-5 stress guard fert, Fine grade, nature safe, 50 lb bag, no substitutions	\$ 24.50	\$ 1,225.00
280	25	12-2-6- Ammonium sulfate fortified, fine, nature safe, 50 lb bag, no subs	\$ 25.50	\$ 637.50
281	250	10-2-8, all season fertilizer, coarse, nature safe, 50 lb bag, no substitutions	\$ 23.50	\$ 5,875.00
282	65	15-2-8- with Meth-ex 40, fine, nature safe , 50 lb bag no substitutions	\$ 26.50	\$ 1,722.50
283	250	15-2-8 with Meth-EX 40, coarse, SGN225, nature safe, 50 lb bag, no substitutions	\$ 25.25	\$ 6,312.50
284	10	8-5-5, pelleted, landscape fertilizer, nature safe, 50 lb, no substitutions	\$ 18.00	\$ 180.00
285	100	21-3-7, blended with Uflexx, coarse, slow release N, 8 weeks of feed , Nature Safe 50 lb bag, Coarse grade, no substitutions	\$ 22.50	\$ 2,250.00
286	100	13-0-0, Blending Base, super fine , 50 lb bag, Nature Safe, No substitutions	—	—
287	100	13-0-0, Blending Base, pelleted, 50 lb bag, Nature Safe, no substitutions	—	—
Seed- Fiber Mulch				
288	20	Penn- Mulch -Seed establishment mulch, 50# bag, green color granules with a starter fertilizer , Lebannon, or equal, Must supply label \.	—	—
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 19,377.50

DNR80113 - GOLF COURSE CHEMICALS BID FORM - BID OPENING: JANUARY 24, 2007; 1:30 PM

Item No:	Est. Order Quantity	Description	Unit Price	* Extended Amount
		Granular Nutrients (vendor supply label)		
289	15	Muriate of Potash, 0-0-62, 50 lb bag, , or equal		
290	15	Sulfate of Potash, 0-0-50, 50 lb bag, Greens grade, SGN <100, or equal		
291	15	0-0-52, sulfate potash, 50 lb bag, < 150 SGN, or equal		
292	10	Urea, 46-0-0, Prilled, 50 lb bag, or equal		
293	15	MonoPotassium Phosphate, MKP, 00-52-34 , or equal		
		Lime, Gypsum, Sulphur		
294	50	Gypsum Pellets, - Greens grade, 50# bag	\$ 9.20	\$ 460.00
295	50	Gypsum pellets - Standard grade, 50# bag	\$ 8.30	\$ 415.00
296	1000	Dolomitic Limestone - Micro Pellet greens applications 50 lb bag,	\$ 4.60	\$ 4600.00
297	1000	Hi-Cal lime, Micro Pellet., High Calcium content, low Mg. for greens applications, 50 lb bag	\$ 6.45	\$ 6,450.00
298	1000	Hi-Cal lime, standard pellet, Fairway grade, 50 lb bag	\$ 4.80	\$ 4,800.00
299	500	Granular Sulfur, AGC8870, Andersons, 90% S dispersible granular 50 lb bag, n o subs , SGN 100	\$ 21.00	\$ 10,500.00
		Turf Foliar Nutrient		
300	50	Cal-Vantage, Earth Works, ,2 x 2.5 gal, no substitutions		
301	5	Cal-Vantage, Earth Works, 30 gal, no substitutions		
302	5	Cal-Vantage, Earth Works, 55 gal , no substitutions		
303	25	C-Alpha Foliar, 2 x 2.5 gal container 10% Ca, No substitutions		
304	10	C-Alpha Foliar, 30 gallon, 10% Ca, No substitutions		
* Multiply the Est. Order Quantity by the Unit Price to equal the Extended Amount			Subtotal	\$ 27,225.00
			GRAND TOTAL	\$ 508,127.64

A F F I D A V I T

West Virginia Code §5A-3-10a states:

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION:

The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: Alleghevy Lawn + Golf

Authorized Signature: Kathy J. Lewis Date: 1/22/2007

Dear Sir,

I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the above mentioned matter.

The same has been referred to the proper authorities for their consideration.

I am, Sir, very respectfully,
Your obedient servant,

J. B. Smith

Secretary

Washington, D. C.

10th Nov 1891

Very truly yours,
J. B. Smith

Secretary