



LAKE COUNTY FOREST PRESERVES
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Preservation, Restoration, Education and Recreation

DATE: March 5, 2018

MEMO TO: Carol Calabresa, Chair
Planning Committee

Agenda Item# 8.2

FROM: James L. Anderson
Director of Natural Resources

RECOMMENDATION: Recommend approval of a Resolution awarding Contracts for the Purchase and Delivery of Native Seed for Habitat Restoration at Multiple Preserves to Prairie Moon Nursery, Winona, MN, in the Contract Price of \$199,454.33; Shooting Star Native Seeds, Spring Grove, MN, in the Contract Price of \$60,384.29; Genesis Nursery, Tampico, IL, in the Contract Price of \$56,165.88; Spence Restoration Nursery, Muncie, IN, in the Contract Price of \$33,267.61; and Agrecol, LLC., Evansville, WI, in the Contract Price of \$28,633.70.

STRATEGIC DIRECTION SUPPORTED: Conservation

FINANCIAL DATA: The native seed supply for the various projects was approved as part of the adopted FY 2017/2018 Budget. The cost of purchase and delivery of native seed for the various projects was estimated at \$398,630.00. The actual cost is \$381,437.81. Of the actual cost, the following accounts and funds will be charged for the various projects:

1. \$53,733.26 Habitat Restoration Fund (20104100-803200-60004);
2. \$71,663.48 to the Farm Management Fund (28644000-705100-62804);
3. \$12,336.40 to the Kettle Grove project account (20104100-803200-61504);
4. \$69,711.67 to the Lakewood Schreiber project account (35304100-803200-61005);
5. \$13,882.89 to the Lakewood Schreiber project account (35634100-803200-61005);
6. \$22,845.73 to the Cuba Marsh project account (35304100-803200-64104);
7. \$31,335.50 to the Grant Woods project account (20104100-803200-60604);
8. \$72,618.43 to the Prairie Wolf Mitigation project account (24614100-803200-62504);
9. \$4,854.41 to the Waukegan Savanna-Phase 1 project account (35304100-803200-64610);
10. \$28,456.04 to the Lyons Woods Grant account (69644100-803200-56013).

BACKGROUND: The District will be installing native seed in the fall of 2018 at Van Patten Woods, Lakewood, Kettle Grove, Lyons Woods, Wadsworth, Grant Woods, Waukegan Savanna, Cuba Marsh, and Prairie Wolf Forest Preserves as part of ongoing ecological restoration efforts. Seed installation will occur after species control and additional preparations are completed by District staff and volunteers. Seed installation will occur across more than 255 acres.

The project was advertised on December 28, 2017 and six bids were received. A summary of the lowest recommended bids received for approval is listed below:

<u>BIDDERS</u>	<u>TOTAL BID</u>
Prairie Moon Nursery	\$ 199,454.33
Shooting Star Native Seeds	\$ 60,384.29
Genesis Nursery	\$ 56,165.88
Spence Restoration Nursery	\$ 33,267.61
Agrecol, LLC.	\$ 28,633.70
<u>SUCCESSFUL BIDDERS UNDER \$25,000.00</u>	
Cardno, Inc.	\$ 3,532.00

Materials were bid on a unit price per species. Staff has awarded a contract to Cardno, Inc. whose total bid is less than \$25,000.00. Staff recommends that Prairie Moon Nursery, Genesis Nursery, Spence Restoration Nursery, Shooting Star Native Seeds and Agrecol, LLC, each be awarded a contract as the lowest responsible bidder for the species for which it was the low bidder. Each submitted total low bids greater than \$25,000.00, thus requiring Committee recommendation and Board approval of the contracts for those bids. Work is anticipated to begin in November 2018 and be completed by January 2019.

REVIEW BY OTHERS: Executive Director, Chief Operations Officer, Director of Finance, Purchasing Manager, Corporate Counsel.

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)

**BOARD OF COMMISSIONERS
LAKE COUNTY FOREST PRESERVE DISTRICT
REGULAR MARCH MEETING
MARCH 13, 2018**

MADAM PRESIDENT AND MEMBERS OF THE BOARD OF COMMISSIONERS:

Your **PLANNING COMMITTEE** presents herewith a "A Resolution Awarding Contracts for the Purchase of Native Seed 2018 for Habitat Restoration at Multiple Preserves" and requests its approval.

PLANNING COMMITTEE

Date: 3-5-2018 Roll Call Vote: Ayes: _____ Nays: _____
 Voice Vote Majority Ayes; Nays: 0

**LAKE COUNTY FOREST PRESERVE DISTRICT
LAKE COUNTY, ILLINOIS**

**A RESOLUTION AWARDING CONTRACTS FOR THE PURCHASE OF
NATIVE SEED 2018 FOR HABITAT RESTORATION AT
MULTIPLE PRESERVES**

WHEREAS, the Lake County Forest Preserve District (the "District") has advertised in The News Sun for sealed bids to purchase native seed for Habitat Restoration Projects 2018 at Multiple Preserves (the "Products"); and

WHEREAS, all sealed bids were received and opened by the District at its General Offices, 1899 West Winchester Road, Libertyville, Illinois on January 22, 2018 at 9:00 a.m.; and

WHEREAS, the District's staff, the Purchasing Manager, the Director of Natural Resources, and the Planning Committee have reviewed the bids identified on Exhibit A and recommend that the Board of Commissioners find (i) Prairie Moon Nursery to be the lowest responsible bidder with respect to the bids on Exhibit A in the columns titled "Prairie Moon Nursery" (the Prairie Moon Nursery Bids"), (ii) Shooting Star Native Seeds to be the lowest responsible bidder with respect to the highlighted bid items on Exhibit A in the columns titled "Shooting Star Native Seeds" (the "Shooting Star Native Seeds Bids"), (iii) Genesis Nursery to be the lowest responsible bidder with respect to the highlighted bids on Exhibit A in the columns titled "Genesis Nursery" (the "Genesis Nursery Bids"), (iv) Spence Restoration Nursery to be the lowest responsible bidder with respect to the highlighted bid items on Exhibit A in the columns titled "Spence Restoration Nursery" (the "Spence Restoration Nursery Bids"), and (v) Agrecol, LLC to be the lowest responsible bidder with respect to the highlighted bid items on Exhibit A in the columns titled "Agrecol, LLC" (the "Agrecol, LLC Bids"), and award contracts for the Products to these bidders consistent therewith; and

WHEREAS, the Board of Commissioners hereby finds that Prairie Moon Nursery, Shooting Star Native Seeds, Genesis Nursery, Spence Restoration Nursery, and Agrecol, LLC are the lowest responsible bidders for the Products, as set forth in the previous clause;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Lake County Forest Preserve District, Lake County, Illinois, **THAT**:

Section 1: Recitals. The recitals set forth above are incorporated as part of this Resolution by this reference.

Section 2: Award of Contract. The Prairie Moon Nursery Bids in the total amount of \$199,454.33 (the "Prairie Moon Nursery Contract Price") are hereby accepted and a contract for the Products in the amount of the Prairie Moon Nursery Contract Price is hereby awarded to Prairie Moon Nursery (the "Prairie Moon Nursery Contract"). The Shooting Star Native Seeds Bids in the total amount of \$60,384.29 (the "Shooting Star Native Seeds Contract Price") are hereby accepted and a contract for the Products in the amount of the Shooting Star Native Seeds Contract Price is hereby awarded to Shooting Star Native Seeds (the "Shooting Star Native Seeds Contract"). The Genesis Nursery Bids in the total amount of \$56,165.88 (the "Genesis Nursery Contract Price") are hereby accepted and a contract for the Products in the amount of the Genesis

Nursery Contract Price is hereby awarded to Genesis Nursery (the "Genesis Nursery Contract"). The Spence Restoration Nursery Bids in the total amount of \$ 33,267.61 (the "Spence Restoration Nursery Contract Price") are hereby accepted and a contract for the Products in the amount of the Spence Restoration Nursery Contract Price is hereby awarded to Spence Restoration Nursery (the "Spence Restoration Nursery Contract"). The Agrecol, LLC Bids in the total amount of \$28,633.70 (the "Agrecol, LLC Contract Price") are hereby accepted and a contract for the Products in the amount of the Agrecol, LLC Contract Price is hereby awarded to Agrecol, LLC (the "Agrecol, LLC Contract"). (collectively, the Prairie Moon Nursery Contract, the Shooting Star Native Seeds Contract, the Genesis Nursery Contract, the Spence Restoration Nursery Contract and the Agrecol, LLC Contract are the "Contracts").

Section 3: Execution of Contracts. The Executive Director of the District is hereby authorized and directed to execute the Contracts in the amounts of the Prairie Moon Nursery Contract Price, Shooting Star Native Seeds Contract Price, Genesis Nursery Contract Price, Spence Restoration Nursery Contract Price, and the Agrecol, LLC Contract Price.

Section 4: Payments. The District Treasurer shall make payments under the Contracts only pursuant to and in accordance with the Contracts' terms.

Section 5: Effective Date. This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED this 13th day of MARCH, 2018

AYES: 20

NAYS: 0

APPROVED this 13th day of MARCH, 2018

Ann B. Maine
Ann B. Maine, President
Lake County Forest Preserve District

ATTEST:

Julie Gragnani
Julie Gragnani, Secretary
Lake County Forest Preserve District

Exhibit No. 5365

NATIVE SEED PURCHASE 2018 - HABITAT RESTORATION; MULTIPLE PRESERVES

PROJECT #: 60004-18020-896

EXHIBIT A: BID RESULTS

VENDOR: AGRECOL LLC		AGRECOL LLC				
PROJECT 1: VAN PATTEN - PHASE 2 CLEARING		QTY PLS LBS	Qty Avail	Tier 1?	PPU	Extension
Species	spp substitutions; DF/DH					
Carex bicknellii		1.00			\$160.00	\$160.00
Carex sprengeii		0.25			\$300.00	\$75.00
Elymus villosus		3.00			\$80.00	\$240.00
Panicum virgatum		0.21			\$12.00	\$2.52
Scirpus pendulus	S. lineatus	0.14			\$320.00	\$44.80
Sporobolus heterolepis		1.13			\$200.00	\$226.00
PROJECT 3: LAKEWOOD - IVANHOE FARM						
Carex bicknellii		6.50			\$160.00	\$1,040.00
Carex brevior		4.30			\$120.00	\$516.00
Panicum virgatum		0.86			\$12.00	\$10.32
Sporobolus heterolepis		9.50			\$200.00	\$1,900.00
Stipa spartea		4.50			\$200.00	\$900.00
Cassia fasciculata		2.57			\$20.00	\$51.40
PROJECT 4: KETTLE GROVE - CEMETERY						
Carex bicknellii		1.4			\$160.00	\$224.00
Carex brevior		1.18			\$120.00	\$141.60
Sporobolus heterolepis		4.4			\$200.00	\$880.00
Antennaria plantaginifolia	DF	0.02		N	\$2,400.00	\$48.00
Cassia fasciculata		0.28			\$20.00	\$5.60
Potentilla arguta		0.04			\$200.00	\$8.00
PROJECT 5: LYONS - WET PRAIRIE						
Panicum virgatum		1.00			\$12.00	\$12.00
Scirpus atrovirens		0.05			\$120.00	\$6.00
Scirpus pendulus/lineatus		0.09			\$320.00	\$28.80
Solidago graminifolia	DF	0.02			\$1,200.00	\$24.00
PROJECT 6: LYONS - UPLAND PRAIRIE						
Carex bicknellii		4.67			\$160.00	\$747.20
Panicum virgatum		1.3			\$12.00	\$15.60
Sporobolus heterolepis		8.3			\$200.00	\$1,660.00
Potentilla arguta		0.19			\$200.00	\$38.00
PROJECT 7: LAKEWOOD - D/M PRAIRIE						
Carex bicknellii		8.00			\$160.00	\$1,280.00
Carex brevior		6.00			\$120.00	\$720.00
Panicum virgatum		3.00			\$12.00	\$36.00
Sporobolus heterolepis		18.00			\$200.00	\$3,600.00
Cassia fasciculata		2.00			\$20.00	\$40.00
Potentilla arguta		0.22			\$200.00	\$44.00
PROJECT 8: LAKEWOOD - WOODLAND						
Carex radiata		1.00		N	\$1,200.00	\$1,200.00
Carex sprengeii		1.00			\$300.00	\$300.00
Elymus villosus		36.00			\$80.00	\$2,880.00
PROJECT 9: WADSWORTH - ROUTE 41 CLEARING						
Elymus villosus		10.00			\$80.00	\$800.00
Panicum virgatum		0.40			\$12.00	\$4.80

PROJECT 10: GRANT - PHASE 2 CLEARING

Carex brevior		0.40			\$120.00	\$48.00
Elymus villosus		6.00			\$80.00	\$480.00

PROJECT 11: VOLUNTEER MIX

Panicum virgatum		45			\$12.00	\$540.00
Aster novae-angliae	DF	0.06			\$400.00	\$24.00

PROJECT 12: WAUKEGAN - DOG

Panicum virgatum		45.00			\$12.00	\$540.00
Heliopsis helianthoides		1.88			\$50.00	\$94.00

PROJECT 13: CUBA - PHASE 4 CLEARING DRY

Carex bicknellii		2.25			\$160.00	\$360.00
Panicum virgatum		1.13			\$12.00	\$13.56
Sporobolus heterolepis		2			\$200.00	\$400.00
Cassia fasciculata		6.75			\$20.00	\$135.00
Potentilla arguta		0.01			\$200.00	\$2.00
Veronicastrum virginica		0.02			\$500.00	\$10.00

PROJECT 14: CUBA - PHASE 4 CLEARING WET

Elymus riparia		1.25			\$50.00	\$62.50
Scirpus atrovirens		0.015			\$120.00	\$1.80
Sporobolus heterolepis		0.31			\$200.00	\$62.00

PROJECT 15: PRAIRIE WOLF - MITIGATION UPLAND

Carex brevior		4.00			\$120.00	\$480.00
Carex radiata		0.69		N	\$1,200.00	\$828.00
Carex sprengei		5.00			\$300.00	\$1,500.00
Elymus villosus		12.00			\$80.00	\$960.00
Sporobolus heterolepis		1.00			\$200.00	\$200.00

PROJECT 16: PRAIRIE WOLF - MITIGATION

Carex radiata		0.81			\$1,200.00	\$972.00
Scirpus atrovirens		0.1			\$120.00	\$12.00
Scirpus pendulus/lineatus		0.51			\$320.00	\$163.20
Penthorum sedoides		0.3			\$120.00	\$36.00

PROJECT 17: GRANT - COVER

Carex bicknellii		5			\$160.00	\$800.00
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TOTAL; ALL PROJECTS

\$28,633.70

VENDOR: GENESIS NURSERY

PROJECT 1: VAN PATTEN - PHASE 2 CLEARING		QTY PLS	GENESIS NURSERY			
Species	spp substitutions; DF/DH	LBS	Qty Available	Tier 1?	PPU	Extension
Carex molesta		0.70			\$92.00	\$64.40
Carex vulpinoidea		0.19			\$35.00	\$6.65
Elymus canadensis		25.00			\$13.50	\$337.50
Sorghastrum nutans		0.19			\$12.00	\$2.28
Spartina pectinata		1.41			\$78.00	\$109.98
Allium canadense		1.00			\$130.00	\$130.00
Baptisia leucantha		2.50			\$101.50	\$253.75
Desmodium canadense	DH	0.50			\$97.50	\$48.75
Eupatorium purpureum	DF	0.33			\$320.00	\$105.60
Eupatorium rugosum	DF	0.28			\$315.00	\$88.20
Euphorbia corollata		0.38			\$700.00	\$266.00
Liatris spicata	DF	0.50			\$105.00	\$52.50
Penstemon digitalis		0.25			\$120.00	\$30.00
Pycnanthemum virginianum		0.19			\$235.00	\$44.65
Rudbeckia hirta		0.50			\$31.50	\$15.75
Rudbeckia subtomentosa		1.00			\$62.50	\$62.50
Rudbeckia triloba		1.00			\$23.00	\$23.00
Silphium laciniatum		1.88			\$169.50	\$318.66

Silphium terebinthinaceum		1.88			\$141.00	\$265.08
Solidago nemoralis	DF	0.10			\$236.50	\$23.65
Solidago riddellii	DF	0.25			\$190.08	\$47.52
Solidago rigida	DF	0.38			\$162.00	\$61.56
Solidago speciosa	DF	0.19			\$170.00	\$32.30
Tradescantia ohimensis		2.00			\$250.00	\$500.00
Triosteum perfoliatum		0.75			\$299.00	\$224.25
Veronicastrum virginicum		0.09			\$420.00	\$37.80
Zizia aurea		2.50			\$100.00	\$250.00

PROJECT 2: VAN PATTEN - PHASE 2 COVER CROP

Carex annectens xanthocarpa		0.20			\$125.00	\$25.00
Carex vulpinoidea		0.10			\$35.00	\$3.50
Elymus canadensis		3.75			\$13.50	\$50.63
Spartina pectinata		0.30			\$78.00	\$23.40
Aster novae-angliae	DF	0.09			\$378.00	\$34.02
Eryngium yuccifolium		0.25			\$118.00	\$29.50
Liatris spicata	DF	0.10			\$105.00	\$10.50
Monarda fistulosa		0.15			\$140.00	\$21.00
Penstemon digitalis		0.10			\$120.00	\$12.00
Pycnanthemum virginianum		0.04			\$235.00	\$9.40
Rudbeckia hirta		0.25			\$31.50	\$7.88
Tradescantia ohimensis		0.09			\$250.00	\$22.50
Verbena hastata		0.06			\$60.00	\$3.60
Zizia aurea		0.33			\$100.00	\$33.00

PROJECT 3: LAKEWOOD - IVANHOE FARM

Agropyron trachycaulum		3.00			\$6.00	\$18.00
Carex annectens xanthocarpa		4.30			\$125.00	\$537.50
Carex vulpinoidea		0.34			\$35.00	\$11.90
Elymus canadensis		105.00			\$13.50	\$1,417.50
Koeleria cristata		1.25			\$65.00	\$81.25
Sorghastrum nutans		0.25			\$12.00	\$3.00
Asclepias tuberosa	DF	4.28			\$265.00	\$1,134.20
Aster ericoides	DF	0.43			\$800.00	\$344.00
Aster laevis	DF	2.00			\$365.00	\$730.00
Aster novae-angliae	DF	1.30			\$378.00	\$491.40
Eryngium yuccifolium		9.00			\$118.00	\$1,062.00
Eupatorium purpureum	DF	0.50			\$320.00	\$160.00

PROJECT 3: LAKEWOOD - IVANHOE FARM (CON'T.)

Lespedeza capitata	DH	2.50			\$85.00	\$212.50
Liatris spicata	DF	2.25			\$105.00	\$236.25
Monarda fistulosa		1.30			\$140.00	\$182.00
Parthenium integrifolium		6.50			\$75.00	\$487.50
Penstemon digitalis		1.30			\$120.00	\$156.00
Petalostemum purpureum	DH	1.75			\$40.00	\$70.00
Pycnanthemum virginianum		0.45			\$235.00	\$105.75
Ratibida pinnata		0.90			\$105.00	\$94.50
Rudbeckia hirta		1.28			\$31.50	\$40.32
Rudbeckia subtomentosa		0.86			\$62.50	\$53.75
Silphium integrifolium		1.07			\$85.00	\$90.95
Solidago nemoralis	DF	0.50			\$236.00	\$118.00
Solidago rigida	DF	1.75			\$162.00	\$283.50
Solidago speciosa	DF	0.75			\$170.00	\$127.50
Verbena stricta		2.25			\$70.00	\$157.50
Veronicastrum virginicum		0.50			\$420.00	\$210.00

PROJECT 4: KETTLE GROVE - CEMETERY

Anemone cylindrica	DF	0.22			\$518.50	\$114.07
Aster ericoides	DF	0.03			\$800.00	\$24.00
Aster laevis	DF	0.13			\$365.00	\$47.45
Baptisia leucophaea		3.52			\$686.50	\$2,416.48

Coreopsis lanceolata		0.28			\$28.00	\$7.84
Dodecatheon meadia		0.09			\$995.00	\$89.55
Echinacea pallida		1.17			\$100.00	\$117.00
Eryngium yuccifolium		0.69			\$118.00	\$81.42
Kuhnia eupatorioides	DF	0.2			\$140.00	\$28.00
Lespedeza capitata	DH	0.55			\$85.00	\$46.75
Monarda fistulosa		0.06			\$140.00	\$8.40
Parthenium integrifolium		0.61			\$75.00	\$45.75
Petalostemum candidum	DH	0.3			\$80.00	\$24.00
Petalostemum purpureum	DH	0.32			\$40.00	\$12.80
Ratibida pinnata		0.15			\$105.00	\$15.75
Rudbeckia hirta		0.06			\$31.50	\$1.89
Silene stellata		0.14			\$950.00	\$133.00
Solidago nemoralis	DF	0.02			\$236.50	\$4.73
Solidago speciosa	DF	0.06			\$170.00	\$10.20
Verbena stricta		0.18			\$70.00	\$12.60
Zizia aurea		0.56			\$100.00	\$56.00

PROJECT 5: LYONS - WET PRAIRIE

Carex bebbi		0.44			\$236.00	\$103.84
Carex vulpinoidea		0.29			\$35.00	\$10.15
Elymus canadensis		6.00			\$13.50	\$81.00
Spartina pectinata		5.76			\$78.00	\$449.28
Asclepias incarnata	DF	3.90			\$218.00	\$850.20
Aster novae-angliae	DF	0.26			\$378.00	\$98.28
Aster simplex	DF	0.09			\$325.00	\$29.25
Gentiana andrewsii		0.07			\$905.00	\$63.35
Liatris spicata	DF	1.65			\$105.00	\$173.25
Mimulus ringens		0.07			\$225.00	\$15.75
Monarda fistulosa		0.13			\$140.00	\$18.20
Physostegia virginiana		1.00			\$295.00	\$295.00
Pycnanthemum virginica		0.07			\$235.00	\$16.45
Silphium terebinthinaceum		1.32			\$141.00	\$186.12
Solidago riddellii	DF	0.20			\$190.08	\$38.02
Verbena hastata		0.17			\$60.00	\$10.20
Vernonia fasciculata	DF	0.78			\$81.50	\$63.57
Veronicastrum virginica		0.03			\$420.00	\$12.60
Zizia aurea		1.86			\$100.00	\$186.00

PROJECT 6: LYONS - UPLAND PRAIRIE

Elymus canadensis		16.6			\$13.50	\$224.10
Sorghastrum nutans		3			\$12.00	\$36.00
Anemone cylindrica	DF	1.14			\$518.50	\$591.09
Aster laevis	DF	0.67			\$365.00	\$244.55
Baptisia leucantha		3.11			\$101.50	\$315.67
Coreopsis lanceolata		1.66			\$28.00	\$46.48
Dodecatheon meadia		0.49			\$995.00	\$487.55
Lespedeza capitata	DH	3.27			\$85.00	\$277.95
Monarda fistulosa		0.44			\$140.00	\$61.60
Penstemon digitalis		0.29			\$120.00	\$34.80
Ratibida pinnata		1.14			\$105.00	\$119.70
Rudbeckia hirta		0.31			\$31.50	\$9.77
Silphium laciniatum		3.37			\$169.50	\$571.22
Silphium terebinthinaceum		2.28			\$141.00	\$321.48
Solidago rigida	DF	0.73			\$162.00	\$118.26
Solidago speciosa	DF	0.33			\$170.00	\$56.10
Verbena stricta		1.09			\$70.00	\$76.30
Zizia aurea		3.22			\$100.00	\$322.00

PROJECT 7: LAKEWOOD - D/M PRAIRIE

Agropyron trachycaulum		16.00			\$6.00	\$96.00
Carex annectens v. xanthoc.		1.00			\$125.00	\$125.00

Elymus canadensis		16.00			\$13.50	\$216.00
Sorghastrum nutans		6.00			\$12.00	\$72.00
Anemone cylindrica	DF	1.32			\$518.50	\$684.42
Aster ericoides	DF	0.22			\$800.00	\$176.00
Aster laevis	DF	0.81			\$365.00	\$295.65
Astragalus canadense	DF	1.92			\$76.50	\$146.88
Baptisia leucantha		9.11			\$101.50	\$924.67
Coreopsis lanceolata		1.92			\$28.00	\$53.76
Echinacea pallida		7.59			\$100.00	\$759.00
Eryngium yuccifolium		4.66			\$118.00	\$549.88
Monarda fistulosa		0.51			\$140.00	\$71.40
Parthenium integrifolium		4.76			\$75.00	\$357.00
Penstemon digitalis		0.30			\$120.00	\$36.00
Petalostemum purpureum	DH	2.03			\$40.00	\$81.20
Ratibida pinnata		1.16			\$105.00	\$121.80
Rudbeckia hirta		0.35			\$31.50	\$11.03
Rudbeckia triloba		1.11			\$23.00	\$25.53
Silphium laciniatum		8.10			\$169.50	\$1,372.95
Silphium terebinthinaceum		5.06			\$141.00	\$713.46
Solidago rigida	DF	0.71			\$162.00	\$115.02
Solidago speciosa	DF	0.37			\$170.00	\$62.90
Verbena stricta		1.22			\$70.00	\$85.40
Veronicastrum virginica		0.05			\$420.00	\$21.00

PROJECT 8: LAKEWOOD - WOODLAND

Carex davisi		1.00			\$450.00	\$450.00
Carex grisea		2.00			\$450.00	\$900.00
Elymus canadensis		15.00			\$13.50	\$202.50
Caulophyllum thalictroides		3.00			\$178.00	\$534.00
Clematis virginiana	DF	4.66			\$465.00	\$2,166.90
Osmorhiza claytonii		12.35			\$395.00	\$4,878.25
Phryma leptostachya		1.00			\$1,015.00	\$1,015.00
Rudbeckia subtomentosa		1.24			\$62.50	\$77.50
Rudbeckia triloba		1.81			\$23.00	\$41.63
Solidago flexicaulus	DF	0.74			\$800.00	\$592.00
Solidago ulmifolia	DF	0.48			\$600.00	\$288.00
Verbena urticifolia		0.41			\$82.50	\$33.83

PROJECT 9: WADSWORTH - ROUTE 41 CLEARING

Carex annectens xanthocarpa		4.00			\$125.00	\$500.00
Elymus canadensis		48.00			\$13.50	\$648.00
Penstemon digitalis		0.20			\$120.00	\$24.00
Rudbeckia hirta		0.50			\$31.50	\$15.75
Rudbeckia subtomentosa		0.50			\$62.50	\$31.25
Verbena stricta		0.40			\$70.00	\$28.00
Verbena urticifolia		0.20			\$82.50	\$16.50

PROJECT 10: GRANT - PHASE 2 CLEARING

Carex annectens xanthocarpa		0.50			\$125.00	\$62.50
Elymus canadensis		40.00			\$13.50	\$540.00
Allium canadense		2.00			\$130.00	\$260.00
Penstemon digitalis		0.40			\$120.00	\$48.00
Pycnanthemum virginianum		0.40			\$235.00	\$94.00
Rudbeckia hirta		0.80			\$31.50	\$25.20
Rudbeckia subtomentosa		1.40			\$62.50	\$87.50
Rudbeckia triloba		2.00			\$23.00	\$46.00
Solidago rigida	DF	0.80			\$162.00	\$129.60
Solidago speciosa	DF	0.40			\$170.00	\$68.00
Solidago ulmifolia	DF	0.20			\$600.00	\$120.00
Triosteum perfoliatum		1.20			\$299.00	\$358.80
Veronicastrum virginicum		0.20			\$420.00	\$84.00

PROJECT 11: VOLUNTEER MIX

Elymus canadensis		30			\$13.50	\$405.00
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Baptisia leucantha		1.88			\$101.50	\$190.82
Eryngium yuccifolium		1			\$118.00	\$118.00
Monarda fistulosa		0.19			\$140.00	\$26.60
Teucrium canadense		0.19			\$205.00	\$38.95
Asclepias tuberosa		1			\$265.00	\$265.00
Heliopsis helianthoides		1.88			\$45.00	\$84.60
Silphium laciniatum		2			\$169.50	\$339.00
Rudbeckia triloba		0.31			\$23.00	\$7.13
Veronicastrum virginicum		0.03			\$420.00	\$12.60

PROJECT 12: WAUKEGAN - DOG

Elymus canadensis		60.00			\$13.50	\$810.00
Aster novae-angliae		0.06			\$378.00	\$22.68
Baptisia leucantha		1.88			\$101.50	\$190.82
Monarda fistulosa		0.19			\$140.00	\$26.60
Teucrium canadense		0.19			\$205.00	\$38.95
Asclepias tuberosa		1.00			\$265.00	\$265.00

PROJECT 13: CUBA - PHASE 4 CLEARING DRY

Elymus canadensis		10.13			\$13.50	\$136.76
Asclepias tuberosa	DF	3			\$265.00	\$795.00
Aster ericoides	DF	0.11			\$800.00	\$88.00
Aster laevis	DF	0.56			\$365.00	\$204.40
Aster novae-angliae	DF	0.34			\$378.00	\$128.52
Astragalus canadense	DF	1.13			\$76.50	\$86.45
Baptisia leucantha		5.63			\$101.50	\$571.45
Baptisia leucophaca		1			\$686.50	\$686.50
Cassia marilandica		4.5			\$57.00	\$256.50
Echinacea pallida		3.38			\$100.00	\$338.00
Eryngium yuccifolium		2.25			\$118.00	\$265.50
Lespedeza capitata	DH	1.13			\$85.00	\$96.05
Liatris spicata	DF	2.25			\$105.00	\$236.25
Monarda fistulosa		0.23			\$140.00	\$32.20
Parthenium integrifolium		2.25			\$75.00	\$168.75
Petalostemum candidum	DH	0.68			\$80.00	\$54.40
Petalostemum purpureum	DH	0.34			\$40.00	\$13.60
Pycnanthemum virginica		0.01			\$235.00	\$2.35
Ratibida pinnata		0.23			\$105.00	\$24.15
Rudbeckia hirta		0.11			\$31.50	\$3.47
Solidago nemoralis	DF	0.1			\$236.50	\$23.65
Solidago rigida	DF	0.23			\$162.00	\$37.26

PROJECT 14: CUBA - PHASE 4 CLEARING WET

Carex annectens v. xanthoc.		0.03			\$125.00	\$3.75
Carex stipata		0.16			\$35.00	\$5.60
Carex vulpinoidea		0.06			\$13.50	\$0.81
Elymus canadensis		0.63			\$16.00	\$10.08
Spartina pectinata		0.31			\$78.00	\$24.18
Asclepias incarnata	DF	0.94			\$218.00	\$204.92
Aster laevis	DF	0.09			\$365.00	\$32.85
Aster novae-angliae	DF	0.06			\$378.00	\$22.68
Dodecatheon meadia		0.01			\$995.00	\$9.95
Eryngium yuccifolium		0.63			\$118.00	\$74.34
Gentiana andrewsii		0.00125			\$905.00	\$1.13
Heliopsis helianthoides		0.94			\$45.00	\$42.30
Liatris spicata	DF	0.63			\$105.00	\$66.15
Monarda fistulosa		0.06			\$140.00	\$8.40
Parthenium integrifolium		0.31			\$75.00	\$23.25
Physostegia virginiana		0.31			\$295.00	\$91.45
Pycnanthemum virginica		0.02			\$235.00	\$4.70
Solidago riddellii	DF	0.06			\$190.00	\$11.40
Teucrium canadense		0.31			\$205.00	\$63.55

PROJECT 15: PRAIRIE WOLF - MITIGATION UPLAND

Carex molesta		2.50			\$92.00	\$230.00
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Elymus canadensis		20.00			\$13.50	\$270.00
Monarda fistulosa		0.30			\$140.00	\$42.00
Penstemon digitalis		0.40			\$120.00	\$48.00
Pycnanthemum virginica		0.30			\$235.00	\$70.50
Rudbeckia hirta		2.00			\$31.50	\$63.00
Rudbeckia subtomentosa		2.00			\$62.50	\$125.00
Rudbeckia triloba		2.00			\$23.00	\$46.00
Solidago flexicaulus (DF)	DF	0.40			\$800.00	\$320.00
Solidago ulmifolia (DF)	DF	1.00			\$600.00	\$600.00
Veronicastrum virginica		0.20			\$420.00	\$84.00

PROJECT 16: PRAIRIE WOLF - MITIGATION

Carex bebbii		1.02			\$236.00	\$240.72
Carex molesta		1.22			\$92.00	\$112.24
Carex vulpinoidea		0.51			\$35.00	\$17.85
Elymus canadensis		3.05			\$13.50	\$41.18
Spartina pectinata		1.52			\$78.00	\$118.56
Asclepias incarnata (DF)	DF	3.55			\$218.00	\$773.90
Aster simplex (DF)	DF	0.51			\$325.00	\$165.75
Gentiana andrewsii		0.2			\$905.00	\$181.00
Physostegia virginiana		2.64			\$295.00	\$778.80
Solidago riddellii (DF)	DF	0.81			\$190.00	\$153.90
Verbena hastata		0.81			\$60.00	\$48.60
Veronicastrum virginica		0.2			\$420.00	\$84.00

TOTAL; ALL PROJECTS

\$56,165.88

VENDOR: PRAIRIE MOON NURSERY		PRAIRIE MOON NURSERY				
PROJECT 1: VAN PATTEN - PHASE 2 CLEARING		QTY PLS	Qty Avail	Tier 1?	PPU	Extension
Species	spp substitutions; DF/DH	LBS				
Carex annectens xanthocarpa		0.25			\$118.00	\$29.50
Carex blanda		0.50		N	\$760.00	\$380.00
Carex tenera		0.75			\$882.00	\$661.50
Glyceria striata		0.25			\$188.00	\$47.00
Panicum oligosanthos	P. scribnerianum	0.75		N	\$1,688.00	\$1,266.00
Agastache nepetoides		0.38			\$215.00	\$81.70
Agastache scrophulariaefolia		0.20			\$440.00	\$88.00
Allium cernuum		1.50			\$243.00	\$364.50
Anemone virginiana	DF	0.56			\$1,720.00	\$963.20
Antennaria plantaginifolia	DF	0.12			\$3,900.00	\$468.00
Aquilegia canadensis		0.38			\$560.00	\$212.80
Asclepias verticillata	DF	0.50			\$696.00	\$348.00
Blephilia hirsuta		0.10			\$1,220.00	\$122.00
Campanula americana		0.25			\$670.00	\$167.50
Gentiana flavida		0.25			\$740.00	\$185.00
Heracleum maximum		0.94			\$74.00	\$69.56
Hydrophyllum virginianum		0.40			\$820.00	\$328.00
Pedicularis canadensis		0.38		N	\$1,222.00	\$464.36
Prenanthes alba		0.28		N	\$1,220.00	\$341.60
Scrophularia marilandica		0.19			\$420.00	\$79.80
Smilacina racemosa		0.94			\$318.00	\$298.92
Thalictrum dasycarpum		1.25			\$340.00	\$425.00
Thalictrum dioicum		0.70			\$670.00	\$469.00
Verbena urticifolia		0.19			\$145.00	\$27.55

PROJECT 2: VAN PATTEN - PHASE 2 COVER CROP

Carex scoparia		0.10			\$140.00	\$14.00
Carex stipata		0.25			\$188.00	\$47.00
Glyceria striata		0.10			\$188.00	\$18.80
Allium cernuum		0.15			\$243.00	\$36.45
Anemone canadensis		0.20			\$688.00	\$137.60

Campanula americana		0.08			\$670.00	\$53.60
Coreopsis tripteris		0.30			\$314.00	\$94.20
Helenium autumnale		0.04			\$314.00	\$12.56
Thalictrum dasycarpum		0.25			\$340.00	\$85.00

PROJECT 3: LAKEWOOD - IVANHOE FARM

Carex gravida		1.20			\$1,340.00	\$1,608.00
Carex scoparia		0.43			\$140.00	\$60.20
Carex tenera		1.75			\$882.00	\$1,543.50
Panicum oligosanthos		1.25		N	\$1,688.00	\$2,110.00
Allium canadense		25.50			\$300.00	\$7,650.00
Allium cernuum		9.00			\$243.00	\$2,187.00
Antennaria neglecta	DF	0.09		N	\$4,800.00	\$432.00
Antennaria plantaginifolia	DF	0.21			\$3,900.00	\$819.00
Aquilegia canadensis		0.21			\$560.00	\$117.60
Asclepias verticillata	DF	2.75			\$696.00	\$1,914.00
Cacalia atriplicifolia	DF	3.50			\$159.00	\$556.50
Campanula americana		0.50			\$670.00	\$335.00
Cirsium discolor	DF	2.14			\$884.00	\$1,891.76
Desmodium illinoense	DH	4.30			\$320.00	\$1,376.00
Echinacea pallida		14.25			\$139.00	\$1,980.75
Euphorbia corollata		1.75			\$1,058.00	\$1,851.50
Galium boreale		0.43		N	\$1,522.00	\$654.46
Heuchera richardsonii		0.20			\$3,600.00	\$720.00
Liatris aspera	DF	4.30			\$750.00	\$3,225.00
Thalictrum dasycarpum		5.25			\$340.00	\$1,785.00

PROJECT 4: KETTLE GROVE - CEMETERY

Panicum oligosanthos	P. scribnerianum	1.03		N	\$1,688.00	\$1,738.64
Allium cernuum		0.74			\$243.00	\$179.82
Blephilia ciliata		0.02			\$1,560.00	\$31.20
Euphorbia corollata		0.63			\$1,058.00	\$666.54
Galium boreale		0.09		N	\$1,522.00	\$136.98
Gentiana flavida		0.03			\$740.00	\$22.20
Gentiana quinquefolia		0.03		N	\$2,400.00	\$72.00
Hypericum punctatum		0.02			\$600.00	\$12.00
Liatris aspera	DF	0.43			\$750.00	\$322.50
Penstemon pallida		0.05			\$728.00	\$36.40
Ruellia humilis		1.38			\$760.00	\$1,048.80
Sisyrinchium albidum		0.29			\$4,200.00	\$1,218.00
Zizia aptera		0.56			\$448.00	\$250.88

PROJECT 5: LYONS - WET PRAIRIE

Carex annectens		0.36			\$118.00	\$42.48
Carex scoparia		0.40			\$140.00	\$56.00
Carex stipata		0.96			\$188.00	\$180.48
Carex tribuloides		0.28			\$180.00	\$50.40
Glyceria striata		0.23			\$188.00	\$43.24
Juncus dudleyi		0.01			\$1,200.00	\$12.00
Allium cernuum		2.19			\$243.00	\$532.17
Epilobium coloratum	DF	0.35		N	\$1,344.00	\$470.40
Eupatorium perfoliatum	DF	0.10			\$495.00	\$49.50
Rumex altissimus		1.65			\$310.00	\$511.50
Saxifraga pensylvanica		0.05		N	\$1,800.00	\$90.00
Thalictrum dasycarpum		1.44			\$340.00	\$489.60

PROJECT 6: LYONS - UPLAND PRAIRIE

Allium cernuum		3.79			\$243.00	\$920.97
Aquilegia canadensis		0.91			\$560.00	\$509.60
Blephilia ciliata		0.08			\$1,560.00	\$124.80
Desmodium canadense	DH	2.75			\$218.00	\$599.50
Galium boreale		0.48		N	\$1,522.00	\$730.56
Gentiana flavida		0.17			\$740.00	\$125.80
Heuchera richardsonii		0.04			\$3,600.00	\$154.80

<i>Liatris aspera</i>	DF	2.28			\$750.00	\$1,710.00
<i>Smilacina stellata</i>		2.59			\$1,850.00	\$4,791.50

PROJECT 7: LAKEWOOD - D/M PRAIRIE

<i>Allium cernuum</i>		4.05			\$243.00	\$984.15
<i>Antennaria plantaginifolia</i>	DF	0.13			\$3,900.00	\$507.00
<i>Arabis glabra</i>		0.10		N	\$520.00	\$52.00
<i>Blephilia ciliata</i>		0.09			\$1,560.00	\$140.40
<i>Cacalia atriplicifolia</i>	DF	4.46			\$159.00	\$709.14
<i>Camassia scilloides</i>		5.00			\$640.00	\$3,200.00
<i>Desmodium canadense</i>	DH	5.06			\$218.00	\$1,103.08
<i>Desmodium illinoense</i>	DH	6.08			\$320.00	\$1,945.60
<i>Dodecatheon meadia</i>		0.56			\$1,114.00	\$623.84
<i>Euphorbia corollata</i>		2.00			\$1,058.00	\$2,116.00
<i>Galium boreale</i>		0.50		N	\$1,522.00	\$761.00
<i>Gaura biennis</i>		6.00		N	\$229.00	\$1,374.00
<i>Gentiana flavida</i>		0.21			\$740.00	\$155.40
<i>Heuchera richardsonii</i>		0.05			\$3,600.00	\$180.00
<i>Penstemon pallida</i>		0.25			\$728.00	\$182.00

PROJECT 8: LAKEWOOD - WOODLAND

<i>Carex gracilescens</i>		1.00	1.00		\$800.00	\$800.00
<i>Carex hirsutella</i>		1.00			\$940.00	\$940.00
<i>Carex rosea</i>		1.00		N	\$2,120.00	\$2,120.00
<i>Festuca obtusa</i>		4.00			\$740.00	\$2,960.00
<i>Actea rubra</i>		1.00			\$1,200.00	\$1,200.00
<i>Agastache nepetoides</i>		0.67		N	\$340.00	\$227.80
<i>Agastache scrophulariaefolia</i>		0.84			\$440.00	\$369.60
<i>Allium cernuum</i>		6.65			\$243.00	\$1,615.95
<i>Allium tricocceum</i>		2.00		N	\$770.00	\$1,540.00
<i>Aquilegia canadensis</i>		1.76			\$560.00	\$985.60
<i>Aralia racemosa</i>		1.00			\$1,411.00	\$1,411.00
<i>Arisaema triphyllum</i>		2.00			\$658.00	\$1,316.00
<i>Aster lateriflorus</i>	DF	0.28			\$920.00	\$257.60
<i>Aster macrophyllus</i>	DF	1.00		N	\$1,190.00	\$1,190.00
<i>Aster prenanthoides</i>	DF	0.52		N	\$820.00	\$426.40
<i>Aster shortii</i>	DF	1.00			\$1,520.00	\$1,520.00
<i>Blephilia hirsuta</i>		0.26			\$1,220.00	\$317.20
<i>Campanula americana</i>		0.14			\$670.00	\$93.80
<i>Desmodium glutinosum</i>		4.00			\$654.00	\$2,616.00
<i>Eupatorium purpureum</i>	DF	1.24			\$690.00	\$855.60
<i>Eupatorium rugosum</i>	DF	0.43			\$690.00	\$296.70
<i>Hydrophyllum virginianum</i>		2.00			\$820.00	\$1,640.00
<i>Isopyrum biternatum</i>		1.00		N	\$3,115.00	\$3,115.00
<i>Lobelia inflata</i>		0.12			\$1,800.00	\$216.00
<i>Mitella diphylla</i>		1.00			\$3,800.00	\$3,800.00
<i>Polemonium reptans</i>		1.00			\$1,610.00	\$1,610.00
<i>Polygonatum caniculatum</i>		4.75			\$210.00	\$997.50
<i>Prenanthes alba</i>		2.00		N	\$1,220.00	\$2,440.00
<i>Scrophularia marilandica</i>		0.34			\$420.00	\$142.80
<i>Silene stellata</i>		1.00			\$1,850.00	\$1,850.00
<i>Smilacina racemosa</i>		7.60			\$318.00	\$2,416.80
<i>Smilax lasioneura</i>	S. herbacea	7.60			\$288.00	\$2,188.80
<i>Thalictrum dioicum</i>		3.00			\$670.00	\$2,010.00
<i>Uvularia grandiflora</i>		1.00			\$1,280.00	\$1,280.00

PROJECT 9: WADSWORTH - ROUTE 41 CLEARING

<i>Carex rosea</i>		0.60		N	\$2,120.00	\$1,272.00
<i>Carex tenera</i>		1.00			\$882.00	\$882.00
<i>Glyceria striata</i>		0.40			\$188.00	\$75.20
<i>Allium cernuum</i>		4.00			\$243.00	\$972.00
<i>Dodecatheon meadia</i>		0.40			\$1,114.00	\$445.60
<i>Thalictrum dioicum</i>		0.40			\$670.00	\$268.00

PROJECT 10: GRANT - PHASE 2 CLEARING

Carex blanda		1.00		N	\$760.00	\$760.00
Carex rosea		1.30		N	\$2,120.00	\$2,756.00
Carex tenera		1.60			\$882.00	\$1,411.20
Glyceria striata		0.20			\$188.00	\$37.60
Agastache scrophulariaefolia		0.40			\$440.00	\$176.00
Allium cernuum		3.00			\$243.00	\$729.00
Blephilia hirsuta		0.20			\$1,220.00	\$244.00
Campanula americana		0.50			\$670.00	\$335.00
Desmodium canescens	DH	1.00			\$218.00	\$218.00
Desmodium glutinosum	DH	2.00			\$654.00	\$1,308.00
Eupatorium purpureum	DF	0.60			\$690.00	\$414.00
Eupatorium rugosum	DF	0.20			\$690.00	\$138.00
Euphorbia corollata		1.00			\$1,058.00	\$1,058.00
Heracleum maximum		2.00			\$74.00	\$148.00
Hydrophyllum virginianum		0.80			\$820.00	\$656.00
Isopyrum biternatum		0.20		N	\$3,115.00	\$623.00
Polemonium reptans		1.60			\$1,610.00	\$2,576.00
Polygonum virginianum		4.00		N	\$440.00	\$1,760.00
Prenanthes alba	DF	0.80		N	\$1,220.00	\$976.00
Scrophularia marilandica		0.40			\$420.00	\$168.00
Smilacina racemosa		2.00			\$318.00	\$636.00
Taenidia integerrima		0.80			\$1,600.00	\$1,280.00
Thalictrum dasycarpum		3.00			\$340.00	\$1,020.00
Thalictrum dioicum		1.40			\$670.00	\$938.00
Verbena urticifolia		0.34			\$145.00	\$49.30

PROJECT 11: VOLUNTEER MIX

Allium cernuum		0.80			\$243.00	\$194.40
Eupatorium purpureum	DF	0.63			\$690.00	\$434.70
Cacalia atriplicifolia		0.60			\$159.00	\$95.40
Lobelia inflata		0.03			\$1,800.00	\$54.00
Glyceria striata		0.13			\$188.00	\$24.44
Agastache nepetoides		0.01		N	\$340.00	\$3.40
Campanula americana		0.06			\$670.00	\$40.20

PROJECT 12: WAUKEGAN - DOG

Allium cernuum		2.00			\$243.00	\$486.00
Erygium yuccifolium		1.88			\$199.00	\$374.12

PROJECT 13: CUBA - PHASE 4 CLEARING DRY

Allium cernuum		5.63			\$243.00	\$1,368.09
Aclepias verticillata	DF	1.50			\$696.00	\$1,044.00
Blephilia ciliata		0.06			\$1,560.00	\$93.60
Camassia scilloides		1.00			\$650.00	\$650.00
Cirsium discolor	DF	0.50			\$884.00	\$442.00
Desmodium canadense	DH	2.00			\$218.00	\$436.00
Dodecatheon meadia		0.45			\$1,114.00	\$501.30
Euphorbia corollata		0.50			\$1,058.00	\$529.00
Galium boreale		0.23		N	\$1,522.00	\$350.06
Gentiana quinquefolia		0.01		N	\$2,400.00	\$24.00
Liatris aspera	DF	1.13			\$750.00	\$847.50
Lithospermum canescens		0.10		N	\$4,200.00	\$420.00
Lobelia spicata		0.01			\$4,000.00	\$40.00
Pedicularis canadensis		0.05		N	\$1,222.00	\$61.10
Penstemon pallida		0.11			\$728.00	\$80.08
Sisyrinchium albidum		0.11			\$4,200.00	\$462.00
Zizia aptera		1.13			\$448.00	\$506.24

PROJECT 14: CUBA - PHASE 4 CLEARING WET

Carex annectens		0.06			\$118.00	\$7.08
Glyceria striata		0.06			\$188.00	\$11.28
Actinomeris alternifolia		0.31			\$215.00	\$66.65
Allium cernuum		0.63			\$243.00	\$153.09
Cacalia plantaginea/tuberosa	DF	0.63			\$1,840.00	\$1,159.20
Camassia scilloides		0.31			\$640.00	\$198.40

Desmodium canadense	DH	0.94			\$218.00	\$204.92
Epilobium coloratum	DF	0.13		N	\$1,344.00	\$174.72
Eupatorium serotinum	DF	0.09		N	\$500.00	\$45.00
Gentiana quinquefolia		0.03		N	\$2,400.00	\$72.00
Helenium autumnale		0.03			\$314.00	\$9.42
Napaea dioica		0.63			\$74.00	\$46.62
Pedicularis lanceolata		0.03		N	\$160.00	\$4.80
Phlox glaberrima v. interior		0.10			\$3,400.00	\$340.00
Thalictrum dasycarpum		0.31			\$340.00	\$105.40

PROJECT 15: PRAIRIE WOLF - MITIGATION UPLAND

Carex annectens		2.00			\$118.00	\$236.00
Carex cephalophora		1.00			\$1,200.00	\$1,200.00
Carex rosea		0.50		N	\$2,120.00	\$1,060.00
Carex scoparia		1.00			\$140.00	\$140.00
Carex tenera		1.80			\$882.00	\$1,587.60
Festuca obtusa		2.00			\$740.00	\$1,480.00
Glyceria striata		3.00			\$188.00	\$564.00
Agastache nepetoides		0.50		N	\$340.00	\$170.00
Allium canadense		2.00			\$300.00	\$600.00
Allium cernuum		3.00			\$243.00	\$729.00
Anemone canadense		1.00			\$688.00	\$688.00
Aquilegia canadensis		1.00			\$560.00	\$560.00
Arisaema triphyllum		1.00			\$658.00	\$658.00
Aster lateriflorus (DF)	DF	0.30			\$920.00	\$276.00
Blephilia hirsuta		0.40			\$1,220.00	\$488.00
Desmodium glutinosum		1.00			\$654.00	\$654.00
Dodecatheon meadia		0.40			\$1,114.00	\$445.60
Eupatorium purpureum (DF)	DF	0.80			\$690.00	\$552.00
Euphorbia corollata		0.20			\$1,058.00	\$211.60
Galium boreale		1.00		N	\$1,522.00	\$1,522.00
Gaura biennis		1.00		N	\$229.00	\$229.00
Gentiana flavida		0.30			\$740.00	\$222.00
Heraclium maximum		3.00			\$74.00	\$222.00
Hydrophyllum virginianum		2.00			\$820.00	\$1,640.00
Hypericum punctatum		0.40			\$600.00	\$240.00
Impatiens capensis		1.00			\$1,590.00	\$1,590.00
Lobelia inflata		0.20			\$1,800.00	\$360.00
Pedicularis canadensis		0.60		N	\$1,222.00	\$733.20
Phryma leptostachya		1.00			\$1,610.00	\$1,610.00
Polemonium reptans		0.50			\$1,610.00	\$805.00
Polygonum virginiana		2.00		N	\$440.00	\$880.00
Prenanthes alba		1.00		N	\$1,220.00	\$1,220.00
Scrophularia marilandica		0.50			\$420.00	\$210.00
Smilacina racemosa		2.00			\$318.00	\$636.00
Thalictrum dasycarpum		4.00			\$340.00	\$1,360.00
Thalictrum dioicum		2.00			\$670.00	\$1,340.00
Triosteum perfoliatum		3.00			\$516.00	\$1,548.00
Verbena urticifolia		0.60			\$145.00	\$87.00

PROJECT 16: PRAIRIE WOLF - MITIGATION

Carex annectens		1.22			\$118.00	\$143.96
Carex buxbaumii		0.10	0.5		\$3,000.00	\$300.00
Carex lupulina		3.05			\$343.00	\$1,046.15
Carex retrorsa		2.03			\$340.00	\$690.20
Carex scoparia		0.61			\$140.00	\$85.40
Carex stipata		2.03			\$188.00	\$381.64
Carex tenera		0.81			\$882.00	\$714.42
Glyceria striata		0.71			\$188.00	\$133.48
Anemone canadense		0.81			\$688.00	\$557.28
Aster lateriflorus (DF)	DF	0.41			\$920.00	\$377.20
Chelone glabra		0.51			\$980.00	\$499.80
Cicuta maculata		1.50			\$340.00	\$510.00
Eupatorium perfoliatum (DF)	DF	0.20			\$495.00	\$99.00
Helenium autumnale		0.30			\$314.00	\$94.20

Impatiens capensis		3.00			\$1,590.00	\$4,770.00
Lobelia inflata		0.30			\$1,800.00	\$540.00
Rumex altissimus		2.03			\$310.00	\$629.30
Scutellaria lateriflora		1.50			\$880.00	\$1,320.00
Spiraea alba		0.20		N	\$3,800.00	\$760.00
Thalictrum dasycarpum		1.83			\$340.00	\$622.20

TOTAL; ALL PROJECTS

\$199,454.33

VENDOR: SHOOTING STAR NATIVE SEEDS		SHOOTING STAR NATIVE SEEDS				
PROJECT 1: VAN PATTEN - PHASE 2 CLEARING		QTY PLS	Qty	Tier	PPU	Extension
Species	spp substitutions; DF/DH	LBS	Available	1?		
Andropogon gerardii		0.19			\$10.80	\$2.05
Andropogon scoparius		17.00			\$13.80	\$234.60
Bouteloua curtipendula		17.00			\$11.40	\$193.80
Bromus pubescens	B. purgans	1.50		N	\$298.00	\$447.00
Carex normalis		1.20			\$218.00	\$261.60
Danthonia spicata		0.50		N	\$328.00	\$164.00
Elymus virginicus		15.00			\$10.80	\$162.00
Hystrix patula		3.00			\$72.00	\$216.00
Aster drummondii	DF	0.30			\$433.00	\$129.90
PROJECT 2: VAN PATTEN - PHASE 2 COVER CROP						
Andropogon gerardii		0.11			\$10.80	\$1.19
Carex cristatella		0.10		N	\$308.00	\$30.80
Carex normalis		0.20			\$218.00	\$43.60
Carex pellita		0.10		N	\$924.00	\$92.40
Elymus virginicus		3.00			\$10.80	\$32.40
Panicum virgatum		0.10		N	\$9.40	\$0.94
PROJECT 3: LAKEWOOD - IVANHOE FARM						
Andropogon gerardii		0.86			\$10.80	\$9.29
Andropogon scoparius		120.00			\$13.80	\$1,656.00
Bouteloua curtipendula		165.00			\$11.40	\$1,881.00
Danthonia spicata		0.43		N	\$328.00	\$141.04
Elymus virginicus		35.00			\$10.80	\$378.00
Anemone virginiana	DF	0.86		N	\$738.00	\$634.68
Aster azureus	DF	0.64		N	\$738.00	\$472.32
Aster drummondii	DF	0.86			\$438.00	\$376.68
Silphium terebinthinaceum		22.00			\$178.00	\$3,916.00
Tradescantia ohioensis		4.28			\$274.00	\$1,172.72
Zizia aurea		11.00			\$148.00	\$1,628.00
PROJECT 4: KETTLE GROVE - CEMETERY						
Andropogon scoparius		6.82			\$13.80	\$94.12
Bouteloua curtipendula		5.5			\$11.40	\$62.70
Danthonia spicata		1.38		N	\$328.00	\$452.64
Aster ptarmicoides	DF	0.09			\$168.00	\$15.12
Liatris cylindracea	DF	0.48		N	\$738.00	\$354.24
Tradescantia ohioensis		0.7			\$274.00	\$191.80
Viola pedatifida		0.23		N	\$978.00	\$224.94
PROJECT 5: LYONS - WET PRAIRIE						
Andropogon gerardii		1.80			\$10.80	\$19.44
Elymus virginicus		8.00			\$10.80	\$86.40
Lycopus americanus		0.11			\$274.00	\$30.14
Lythrum alatum		0.01			\$1,788.00	\$10.73
Tradescantia ohioensis		2.22			\$274.00	\$608.28
PROJECT 6: LYONS - UPLAND PRAIRIE						
Andropogon gerardii		3.63			\$10.80	\$39.20
Andropogon scoparius		41.5			\$13.80	\$572.70
Danthonia spicata		2.08		N	\$328.00	\$682.24

Aster drummondii	DF	0.23			\$438.00	\$100.74
Tradescantia ohiensis		3.84			\$274.00	\$1,052.16
PROJECT 7: LAKEWOOD - D/M PRAIRIE						
Andropogon gerardii		6.50			\$10.80	\$70.20
Andropogon scoparius		52.00			\$13.80	\$717.60
Bouteloua curtipendula		44.00			\$11.40	\$501.60
Danthonia spicata		5.00		N	\$328.00	\$1,640.00
Aster ptarmicoides	DF	0.56			\$168.00	\$94.08
Tradescantia ohiensis		4.56			\$274.00	\$1,249.44
Zizia aurea		3.75			\$148.00	\$555.00
PROJECT 8: LAKEWOOD - WOODLAND						
Hystrix patula		45.01			\$72.00	\$3,240.72
Anemone virginiana	DF	1.00		N	\$738.00	\$738.00
Aster drummondii	DF	0.43			\$438.00	\$188.34
Geranium maculatum		2.00		N	\$1,398.00	\$2,796.00
PROJECT 9: WADSWORTH - ROUTE 41 CLEARING						
Andropogon scoparius		12.00			\$13.80	\$165.60
Bouteloua curtipendula		16.00			\$11.40	\$182.40
Bromus pubescens	B. purgans	4.00		N	\$298.00	\$1,192.00
Elymus virginicus		24.00			\$10.80	\$259.20
Hystrix patula		16.00			\$72.00	\$1,152.00
Anemone virginiana	DF	0.40		N	\$738.00	\$295.20
Tradescantia ohiensis		1.00			\$274.00	\$274.00
Zizia aurea		2.00			\$148.00	\$296.00
PROJECT 10: GRANT - PHASE 2 CLEARING						
Bromus pubescens	B. purgans	3.20		N	\$298.00	\$953.60
Carex normalis		2.00			\$218.00	\$436.00
Danthonia spicata		0.60		N	\$328.00	\$196.80
Elymus virginicus		32.00			\$10.80	\$345.60
Hystrix patula		10.00			\$72.00	\$720.00
Anemone virginiana	DF	0.80		N	\$738.00	\$590.40
Aquilegia canadensis		0.40		N	\$338.00	\$135.20
Aster drummondii	DF	0.40			\$438.00	\$175.20
Tradescantia ohiensis		4.00			\$274.00	\$1,096.00
Zizia aurea		5.00			\$148.00	\$740.00
PROJECT 11: VOLUNTEER MIX						
Andropogon scoparius		45			\$13.80	\$621.00
Zizia aurea		1.88			\$148.00	\$278.24
Hystrix patula		30			\$72.00	\$2,160.00
PROJECT 12: WAUKEGAN - DOG						
Andropogon scoparius		60.00			\$13.80	\$828.00
Zizia aurea		1.88			\$148.00	\$278.24
PROJECT 13: CUBA - PHASE 4 CLEARING DRY						
Andropogon scoparius		7.88			\$13.80	\$108.74
Bouteloua curtipendula		5.63			\$11.40	\$64.18
Muhlenbergia mexicana		0.23		N	\$224.00	\$51.52
Silphium terebinthinaceum		3.38			\$178.00	\$601.64
Zizia aurea		1.13			\$148.00	\$167.24
PROJECT 14: CUBA - PHASE 4 CLEARING WET						
Andropogon gerardii		0.63			\$10.80	\$6.80
Andropogon scoparius		0.63			\$13.80	\$8.69
Carex cristatella		0.13		N	\$308.00	\$40.04
Carex normalis		0.31			\$218.00	\$67.58
Carex pellita/lanuginosa		0.19		N	\$924.00	\$175.56
Muhlenbergia mexicana		0.03		N	\$224.00	\$6.72
Lythrum alatum		0.00			\$1,788.00	\$0.11
Silphium perfoliatum		0.31			\$138.00	\$42.78
Silphium terebinthinaceum		0.94			\$178.00	\$167.32
Verbena hastata		0.02			\$118.00	\$2.36
Zizia aurea		0.63			\$148.00	\$93.24

PROJECT 15: PRAIRIE WOLF - MITIGATION UPLAND

Bromus ciliatus		6.00			\$24.00	\$144.00
Bromus pubescens/purgans		6.00		N	\$298.00	\$1,788.00
Carex granularis		3.00			\$58.00	\$174.00
Carex normalis		2.30			\$218.00	\$501.40
Danthonia spicata		2.50		N	\$328.00	\$820.00
Elymus virginicus		30.00			\$10.80	\$324.00
Hystrix patula		12.00			\$72.00	\$864.00
Muhlenbergia mexicana		0.70		N	\$224.00	\$156.80
Anemone virginiana (DF)		1.00		N	\$738.00	\$738.00
Aster drummondii (DF)		0.60			\$438.00	\$262.80
Geranium maculatum		2.00		N	\$1,398.00	\$2,796.00
Solidago juncea (DF)		0.40			\$538.00	\$215.20
Zizia aurea		8.00			\$148.00	\$1,184.00

PROJECT 16: PRAIRIE WOLF - MITIGATION

Carex normalis		1.52			\$218.00	\$331.36
Carex pellita	C. lanuginosa	0.81		N	\$924.00	\$748.44
Elymus virginicus		24.38			\$10.80	\$263.30
Muhlenbergia mexicana		0.51		N	\$224.00	\$114.24
Lycopus americanus		1.02			\$274.00	\$279.48
Silphium perfoliatum		10.16			\$138.00	\$1,402.08
Zizia aurea		3.55			\$148.00	\$525.40

PROJECT 17: GRANT - COVER

Andropogon scoparius		50.00			\$10.80	\$540.00
Bouteloua curtipendula		50.00			\$11.40	\$570.00

TOTAL; ALL PROJECTS

\$60,384.29

VENDOR: SPENCE RESTORATION NURSERY

PROJECT 1: VAN PATTEN - PHASE 2 CLEARING		QTY PLS	SPENCE RESTORATION NURSERY			
Species	spp substitutions; DF/DH	LBS	Qty Available	Tier 1?	PPU	Extension
Carex cristatella		0.25			\$600.00	\$150.00
Carex granularis		0.70			\$150.00	\$105.00
Coreopsis tripteris		1.50			\$300.00	\$450.00
Lobelia siphilitica		0.10			\$600.00	\$60.00

PROJECT 3: LAKEWOOD - IVANHOE FARM

Coreopsis palmata		4.30			\$600.00	\$2,580.00
Coreopsis tripteris		4.75			\$300.00	\$1,425.00
Helianthus occidentalis		1.50			\$600.00	\$900.00
Helianthus rigidus	H. laetiflorus	3.50			\$750.00	\$2,625.00
Penstemon calycosus		0.50		N	\$300.00	\$150.00
Silphium laciniatum		26.00			\$225.00	\$5,850.00

PROJECT 4: KETTLE GROVE - CEMETERY

Aster azureus	DF	0.08			\$600.00	\$48.00
Coreopsis palmata		0.55			\$600.00	\$330.00
Helianthus occidentalis		0.37			\$600.00	\$222.00

PROJECT 5: LYONS - WET PRAIRIE

Calamagrostis canadensis	DF	0.17			\$900.00	\$153.00
Carex cristatella		0.57			\$600.00	\$342.00
Carex granularis		1.00			\$150.00	\$150.00
Scirpus atrovirens		0.05			\$120.00	\$6.00
Eupatorium maculatum	DF	0.21			\$300.00	\$63.00

PROJECT 6: LYONS - UPLAND PRAIRIE

Aster azureus	DF	0.39			\$600.00	\$234.00
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Coreopsis palmata		2.7			\$600.00	\$1,620.00
Helianthus occidentalis		2.02			\$600.00	\$1,212.00
Silphium integrifolium		0.88			\$150.00	\$132.00
PROJECT 7: LAKEWOOD - D/M PRAIRIE						
Aster azureus	DF	0.46			\$600.00	\$276.00
Coreopsis palmata		3.14			\$600.00	\$1,884.00
Coreopsis tripteris		2.03			\$300.00	\$609.00
Helianthus occidentalis		2.13			\$600.00	\$1,278.00
Silphium integrifolium		1.92			\$150.00	\$288.00
PROJECT 9: WADSWORTH - ROUTE 41 CLEARING						
Cinna arundinacea		0.20			\$450.00	\$90.00
Coreopsis tripteris		1.00			\$300.00	\$300.00
PROJECT 10: GRANT - PHASE 2 CLEARING						
Carex granularis		1.20			\$150.00	\$180.00
Cinna arundinacea		0.20			\$450.00	\$90.00
Coreopsis tripteris		3.00			\$300.00	\$900.00
PROJECT 12: WAUKEGAN - DOG						
Silphium laciniatum		4.00			\$225.00	\$900.00
PROJECT 13: CUBA - PHASE 4 CLEARING DRY						
Aster azureus	DF	0.45			\$600.00	\$270.00
Coreopsis palmata		2.25			\$600.00	\$1,350.00
Coreopsis tripteris		1.13			\$300.00	\$339.00
Helianthus occidentalis		1.13			\$600.00	\$678.00
Silphium integrifolium		2.25			\$150.00	\$337.50
Silphium laciniatum		2.25			\$225.00	\$506.25
Tradescantia ohiensis		2.25			\$225.00	\$506.25
PROJECT 14: CUBA - PHASE 4 CLEARING WET						
Carex granularis		0.63			\$150.00	\$94.50
Panicum virgatum		0.16			\$16.00	\$2.56
Scirpus atrovirens		0.015			\$120.00	\$1.80
Aster puniceus var. firmus	DF	0.03			\$600.00	\$18.00
Coreopsis tripteris		0.31			\$300.00	\$93.00
Eupatorium maculatum	DF	0.06			\$300.00	\$18.00
Helianthus grosseserratus		0.16			\$450.00	\$72.00
Lobelia siphilitica		0.03			\$600.00	\$18.00
Silphium laciniatum		0.94			\$225.00	\$211.50
Tradescantia ohiensis		0.31			\$225.00	\$69.75
PROJECT 15: PRAIRIE WOLF - MITIGATION UPLAND						
Coreopsis tripteris		0.50			\$300.00	\$150.00
Penstemon calycosus		0.40			\$300.00	\$120.00
Tradescantia ohiensis		3.00			\$225.00	\$675.00
PROJECT 16: PRAIRIE WOLF - MITIGATION						
Carex cristatella		1.02			\$600.00	\$612.00
Carex granularis		2.64			\$150.00	\$396.00
Cinna arundinacea		0.61			\$450.00	\$274.50
Scirpus atrovirens		0.1			\$120.00	\$12.00
Eupatorium maculatum (DF)	DF	1			\$300.00	\$300.00
Lobelia cardinalis		0.3			\$1,200.00	\$360.00
Lobelia siphilitica		0.3			\$600.00	\$180.00

TOTAL; ALL PROJECTS

\$33,267.61

VENDOR: CARDNO, INC.		CARDNO, INC.				
PROJECT 1: VAN PATTEN - PHASE 2 CLEARING		QTY PLS	Qty	Tier 1?	PPU	Extension
Species	spp substitutions; DF/DH	LBS	Available			
Calamagrostis canadensis	DF	0.10			\$1,200.00	\$120.00
PROJECT 3: LAKEWOOD - IVANHOE FARM						
Juncus tenuis		0.04			\$400.00	\$16.00
PROJECT 9: WADSWORTH - ROUTE 41 CLEARING						
Juncus tenuis		0.20			\$400.00	\$80.00
PROJECT 13: CUBA - PHASE 4 CLEARING DRY						
Calamagrostis canadensis	DF	0.11			\$1,200.00	\$132.00
PROJECT 14: CUBA - PHASE 4 CLEARING WET						
Calamagrostis canadensis	DF	0.06			\$1,200.00	\$72.00
PROJECT 15: PRAIRIE WOLF - MITIGATION UPLAND						
Calamagrostis canadensis	DF	0.60			\$1,200.00	\$720.00
Juncus tenuis		0.80			\$400.00	\$320.00
PROJECT 16: PRAIRIE WOLF - MITIGATION						
Calamagrostis canadensis	DF	1.32			\$1,200.00	\$1,584.00
Carex lacustris		1.22			\$400.00	\$488.00

TOTAL; ALL PROJECTS

\$3,532.00