



LAKE COUNTY FOREST PRESERVES

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Preservation, Restoration, Education and Recreation

DATE: March 2, 2020
MEMO TO: Jessica Vealitzek, Chair
Operations Committee
Terry Wilke, Chair
Finance Committee
FROM: James L. Anderson
Director of Natural Resources

Agenda Item# 9.3

RECOMMENDATION: Recommend approval of a Resolution awarding Contracts for the Native Seed Purchase 2020 for Multiple Preserves to Shooting Star Native Seeds, Spring Grove, Minnesota, in the Contract Price of \$56,436.61 and to Genesis Nursery, Inc., Tampico, Illinois, in the Contract Price of \$68,240.15.

STRATEGIC DIRECTION SUPPORTED: Conservation

FINANCIAL DATA: The native seed supply for the various projects was either approved as part of the adopted FY 2020 budget or will be carried over from the FY2019 budget as part of an ongoing project. The cost of purchase and delivery of native seed for the various projects was estimated at \$212,000.00. The actual cost is \$125,611.48. Of the actual cost, the following accounts and funds will be charged for the various projects:

AMOUNT	FUND OR PROJECT ACCOUNT	ACCOUNT NUMBER
\$3,263.65 to the	Van Patten Woods 319 Grant Fund	69644100-803200-61604
\$86,157.96 to the	Habitat Restoration Fund	20104100-803200-60004
\$1,418.00 to the	Southern Des Plaines River CIP	35304100-803200-65004
\$25,923.85 to the	Grant Woods Donation	20104100-803200-60604
\$3,212.25 to the	Fourth Lake Donation	20104100-803200-63709
\$2,214.50 to the	Grassy Lake – Hurd Donation	35634100-803200-60701
\$3,421.28 to the	Farmland Management – Cover Crop	28644000-705100-62804

The bids under \$25,000.00 that do not require Committee and Board approval total \$934.72, and combined with the contract that would be approved by the attached resolution, total \$125,611.48.

BACKGROUND: The District will be installing native seed in the fall 2020 at Van Patten Woods, Middlefork Savanna, Captain Daniel Wright Woods, MacArthur Woods, Grant Woods, Fourth Lake, Grassy Lake and Wadsworth Savanna Forest Preserves as part of ongoing ecological restoration efforts. Additionally, a small amount of seed will be purchased to support in-house natural resource management projects and volunteer efforts following various habitat restoration efforts. Seed installation will occur across more than 345 acres.

The project was advertised on January 13, 2020 and four bids were received. A summary of the lowest bids received and recommended for approval is listed below:

<u>BIDDER</u>	<u>TOTAL BID</u>
Shooting Star Native Seeds; Spring Green, MN	\$ 56,436.61
Genesis Nursery, Inc.; Tampico, IL	\$ 68,240.15
<u>SUCCESSFUL BIDDERS UNDER \$25,000.00</u>	
Cardno, Inc.; Walkerton, IN	\$ 934.72

Materials were bid on a unit price per species. Staff recommends that the bid submitted by Applied Ecological Services be found not responsive because, for each of the species on which it attempted to bid, it failed to provide one or more of the following required information: Total Quantity Available, Unit Price, and Extension Price. Staff has awarded a contract to Cardno, Inc. whose total bid is less than \$25,000.00.

Staff recommends that Shooting Star Native Seeds and Genesis Nursery Inc. 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 fall 2020 and be completed by winter 2020/2021.

REVIEW BY OTHERS: 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 10, 2020**

MISTER PRESIDENT AND MEMBERS OF THE BOARD OF COMMISSIONERS:

Your **OPERATIONS COMMITTEE** and **FINANCE COMMITTEE** present herewith “A Resolution Awarding Contracts for the Native Seed Purchase 2020 for Multiple Preserves” and request its approval.

OPERATIONS COMMITTEE:

Date: 3-2-2020 Roll Call Vote: Ayes: ____ Nays: ____
 Voice Vote Majority Ayes; Nays: 0

FINANCE COMMITTEE:

Date: 3-5-2020 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 NATIVE SEED PURCHASE 2020 FOR 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 at multiple forest 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 29, 2020, at 11:00 a.m.; and

WHEREAS, the District's staff, the Purchasing Manager, the Director of Natural Resources; the Operations Committee and the Finance Committee have reviewed the bids identified on Exhibit A and recommend that the Board of Commissioners find (i) Shooting Star Native Seeds to be the lowest responsible bidder with respect to the bids that it submitted and which are listed on Exhibit A (the "Shooting Star Native Seeds Bids"); and (ii) Genesis Nursery, Inc. to be the lowest responsible bidder with respect to the bids that it submitted and which are listed on Exhibit A (the "Genesis Nursery, Inc. Bids") and award contracts for the Products to these bidders consistent therewith; and

WHEREAS, the Board of Commissioners hereby finds that the bids submitted by Applied Ecological Services, Inc. is not a responsive bid; and

WHEREAS, the Board of Commissioners hereby finds that Shooting Star Native Seeds and Genesis Nursery, Inc. are the lowest responsible bidders for the Products;

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 a part of this Resolution by this reference.

Section 2: Rejection of Certain Bids. The bids submitted by Applied Ecological Services, Inc. are hereby rejected as non-responsive.

Section 3: Award of Contract. The Shooting Star Native Seeds Bids in the total amount of \$56,436.61 (the "Shooting Star Native Seeds Contract Price") are hereby accepted and a contract for 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, Inc. Bids in the total amount of \$68,240.15 (the "Genesis Nursery, Inc. Contract Price") are hereby accepted and a contract for Products in the amount of the Genesis Nursery, Inc. Contract Price is hereby awarded to Genesis Nursery, Inc. (the "Genesis Nursery, Inc. Contract") (collectively, the Shooting Star Native Seeds Contract, and the Genesis Nursery, Inc. Contract are the "Contracts").

Section 4: Execution of Contracts. The Executive Director of the District is hereby authorized and directed to execute the Contracts for the Products in the amounts of the Shooting Star Native Seeds Contract Price, and the Genesis Nursery, Inc. Contract Price.

Section 5: Payments. The Treasurer shall make payments under the Contracts only pursuant to and in accordance with the Contracts' terms.

Section 6: 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 _____ day of _____, 2020

AYES:

NAYS:

APPROVED this _____ day of _____, 2020

Angelo D. Kyle, President
Lake County Forest Preserve District

ATTEST:

Julie Gragnani, Secretary
Lake County Forest Preserve District

EXHIBIT A

VENDOR ORDER: SHOOTING STAR NATIVE SEED NURSERY

SPECIES	TOTAL PLS LBS	TIER 1 (YES/NO)	NOTES FOR TIER 2 SEED	UNIT PRICE (\$/PLS LB)	EXTENSION PRICE
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PROJECT #2: VAN PATTEN PHASE 4 CLEARING

Andropogon gerardii	1.81	Y		\$9.25	\$16.74
Andropogon scoparius	5.44	Y		\$9.75	\$53.04
Bromus kalmii	3.63	N	Polk Co, MN 510	\$72.00	\$261.36
Carex brevior	1.81	Y		\$114.00	\$206.34
Carex granularis	2.18	Y		\$144.00	\$313.92
Danthonia spicata	1.63	N	St. Louis Co, MN 364	\$318.00	\$518.34
Hystrix patula	35.00	Y		\$74.00	\$2,590.00
Sorghastrum nutans	0.36	Y		\$11.80	\$4.25
Sporobolus heterolepis	7.25	Y		\$244.00	\$1,769.00
Agastache scrophulariaefolia	0.54	Y		\$315.00	\$170.10
Allium canadense	5.44	N	Kossuth Co, IA 300	\$338.00	\$1,838.72
Allium cernuum	5.44	Y		\$230.00	\$1,251.20
Aclepias verticillata	3.26	N	Waushara Co, WI 110	\$844.00	\$2,751.44
Dodecatheon meadia	0.75	Y		\$964.00	\$723.00
Gentiana flavida	0.18	N	Allamakee Co, IA 155	\$432.00	\$77.76
Scrophularia marilandica	0.91	N	Clayton Co, IA 150	\$415.00	\$377.65
Silphium laciniatum	23.56	N	Houston Co, MN 170	\$184.00	\$4,335.04
Taenidia integerrima	2.18	Y		\$1,190.00	\$2,594.20
Tradescantia ohimensis	5.44	Y		\$224.00	\$1,218.56
Zizia aurea	5.50	Y		\$98.00	\$539.00

PROJECT TOTAL:

\$21,609.66

PROJECT #3: MID PHASE 6

Danthonia spicata	1.66	N	St. Louis Co, MN 364	\$318.00	\$527.88
Hystrix patula	3.33	Y		\$74.00	\$246.42
Agastache scrophulariaefolia	0.33	Y		\$315.00	\$103.95
Allium canadense	0.83	N	Kossuth Co, IA 300	\$338.00	\$280.54
Allium cernuum	2.83	Y		\$230.00	\$650.90
Dodecatheon meadia	0.50	Y		\$964.00	\$482.00
Scrophularia marilandica	0.17	N	Clayton Co, IA 150	\$415.00	\$70.55
Taenidia integerrima	0.33	Y		\$1,190.00	\$392.70
Thalictrum dioicum	0.17	N	Houston Co, MN 170	\$620.00	\$105.40
Tradescantia ohimensis	1.66	Y		\$224.00	\$371.84
Zizia aurea	2.33	Y		\$98.00	\$228.34

PROJECT TOTAL:

\$3,460.52

PROJECT #4: WRI UP

Danthonia spicata	0.40	N	St. Louis Co, MN 364	\$318.00	\$127.20
Hystrix patula	20.25	Y		\$74.00	\$1,498.50
Allium canadense	3.38	N	Kossuth Co, IA 300	\$338.00	\$1,142.44
Aquilegia canadensis	0.34	N	Allamakee Co, IA 155	\$530.00	\$180.20
Dodecatheon meadia	0.40	Y		\$964.00	\$385.60
Scrophularia marilandica	0.34	N	Clayton Co, IA 150	\$415.00	\$141.10
Zizia aurea	2.20	Y		\$98.00	\$215.60

PROJECT TOTAL:

\$3,690.64

PROJECT #5: WRI WET

Chelone glabra	0.22	N	Allamakee Co, IA 155	\$940.00	\$206.80
Cicuta maculata	0.50	N	St. Crois Co, WI 260	\$168.00	\$84.00
Penthorum sedoides	0.20	Y		\$115.00	\$23.00

PROJECT TOTAL:

\$313.80

PROJECT #6: MAC

Chelone glabra	0.30	N	Allamakee Co, IA 155	\$940.00	\$282.00
Cicuta maculata	1.00	N	St. Crois Co, WI 260	\$168.00	\$168.00
Penthorum sedoides	0.20	Y		\$115.00	\$23.00

PROJECT TOTAL:

\$473.00

PROJECT #7: GRANT MESIC

Andropogon gerardii	9.38	Y		\$9.25	\$86.77
Andropogon scoparius	12.50	Y		\$9.75	\$121.88
Bouteloua curtipendula	7.81	Y		\$11.25	\$87.86
Bromus kalmii	4.69	N	Polk Co, MN 510	\$72.00	\$337.68
Carex granularis	3.13	Y		\$144.00	\$450.72
Sorghastrum nutans	4.69	Y		\$11.80	\$55.34
Sporobolus heterolepis	3.13	Y		\$244.00	\$763.72
Allium cernuum	3.13	Y		\$230.00	\$719.90
Aster azureus	1.56	Y		\$474.00	\$739.44
Baptisia leucophaea	3.13	N	Goodhue Co, MN 250	\$789.00	\$2,469.57
Cassia fasciculata	9.38	Y		\$15.00	\$140.70
Cassia marilandica	4.69	Y		\$174.00	\$816.06
Dodecatheon meadia	0.31	Y		\$964.00	\$298.84
Silphium laciniatum	1.56	N	Houston Co, MN 170	\$184.00	\$287.04
Tradescantia ohiensis	1.56	Y		\$224.00	\$349.44
Zizia aurea	4.69	Y		\$98.00	\$459.62

PROJECT TOTAL:

\$8,184.57

PROJECT #8: GRANT WET

Andropogon gerardii	3.75	Y		\$9.25	\$34.69
Calamagrostis canadensis	0.63	N	Waushara Co, WI 110	\$727.00	\$458.01
Sporobolus heterolepis	1.25	Y		\$244.00	\$305.00
Allium cernuum	1.00	Y		\$230.00	\$230.00
Aster puniceus firmus	0.30	N	Fillmore Co, MN 195	\$620.00	\$186.00

Penthorum sedoides	0.01	Y		\$115.00	\$1.15
Silphium perfoliatum	3.00	Y		\$108.00	\$324.00
Tradescantia ohiensis	1.00	Y		\$224.00	\$224.00
Verbena hastata	0.30	Y		\$60.00	\$18.00
Zizia aurea	3.00	Y		\$98.00	\$294.00

PROJECT TOTAL:

\$2,074.85

PROJECT #9: 4TH LAKE

Andropogon gerardii	0.94	Y		\$9.25	\$8.70
Carex granularis	0.31	Y		\$144.00	\$44.64
Hystrix patula	1.88	Y		\$74.00	\$139.12
Sorghastrum nutans	0.31	Y		\$11.80	\$3.66
Sporobolus heterolepis	0.63	Y		\$244.00	\$153.72
Agastache scrophulariaefolia	0.25	Y		\$315.00	\$78.75
Allium cernuum	0.31	Y		\$230.00	\$71.30
Aquilegia canadensis	0.16	N	Allamakee Co, IA 155	\$530.00	\$84.80
Dodecatheon meadia	0.09	Y		\$964.00	\$86.76
Gentiana flavida	0.03	N	Allamakee Co, IA 155	\$432.00	\$12.96
Pedicularis lanceolata	0.19	N	Winona Co, MN 185	\$200.00	\$38.00
Scrophularia marilandica	0.03	N	Clayton Co, IA 150	\$415.00	\$12.45
Silphium perfoliatum	0.63	Y		\$108.00	\$68.04
Taenidia integerrima	0.31	Y		\$1,190.00	\$368.90
Tradescantia ohiensis	0.63	Y		\$224.00	\$141.12
Zizia aurea	1.25	Y		\$98.00	\$122.50

PROJECT TOTAL:

\$1,435.41

PROJECT #10: HURD

Hystrix patula	8.00	Y		\$74.00	\$592.00
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PROJECT TOTAL:

\$592.00

PROJECT #11: WADSWORTH

Carex brevior	1.09	Y		\$114.00	\$124.26
Hystrix patula	31.50	Y		\$74.00	\$2,331.00
Agastache scrophulariaefolia	0.89	Y		\$315.00	\$280.35
Allium cernuum	7.66	Y		\$230.00	\$1,761.80
Aquilegia canadensis	1.00	N	Allamakee Co, IA 155	\$530.00	\$530.00
Dodecatheon meadia	0.96	Y		\$964.00	\$925.44
Scrophularia marilandica	0.36	N	Clayton Co, IA 150	\$415.00	\$149.40
Taenidia integerrima	0.55	Y		\$1,190.00	\$654.50
Thalictrum dioicum	3.10	N	Houston Co, MN 170	\$620.00	\$1,922.00

PROJECT TOTAL:

\$8,678.75

PROJECT #12: NRC WET

Andropogon gerardii	1.50	Y		\$9.25	\$13.88
Calamagrostis canadensis	0.10	N	Waushara Co, WI 110	\$727.00	\$72.70
Sorghastrum nutans	0.50	Y		\$11.80	\$5.90

PROJECT TOTAL:

\$92.48

PROJECT #13: NRC DRY

Andropogon scoparius	28.00	Y		\$9.75	\$273.00
Bouteloua curtipendula	39.20	Y		\$11.25	\$441.00
Bromus kalmii	10.50	N	Polk Co, MN 510	\$72.00	\$756.00
Sporobolus heterolepis	0.88	Y		\$244.00	\$214.72

PROJECT TOTAL:

\$1,684.72

PROJECT #14: VOLUNTEER

Carex brevior	0.13	Y		\$114.00	\$14.82
Hystrix patula	0.63	Y		\$74.00	\$46.62
Aquilegia canadensis	0.03	N	Allamakee Co, IA 155	\$530.00	\$15.90
Scrophularia marilandica	0.02	N	Clayton Co, IA 150	\$415.00	\$8.30
Thalictrum dioicum	0.02	N	Houston Co, MN 170	\$620.00	\$12.40
Zizia aurea	0.10	Y		\$98.00	\$9.80

PROJECT TOTAL:

\$107.84

PROJECT #15: GRANT FARM

Andropogon gerardii	3.81	Y		\$9.25	\$35.24
Andropogon scoparius	91.50	Y		\$9.75	\$892.13
Bouteloua curtipendula	122.00	Y		\$11.25	\$1,372.50
Carex brevior	15.25	Y		\$114.00	\$1,738.50

PROJECT TOTAL:

\$4,038.37

VENDOR ORDER: GENESIS NURSERY, INC.

SPECIES	TOTAL PLS LBS	TIER 1 (YES/NO)	NOTES FOR TIER 2 SEED	UNIT PRICE (\$/PLS LB)	EXTENSION PRICE
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PROJECT #1: VP FARM

Elymus virginicus	150.00	Y		\$8.00	\$1,200.00
Panicum virgatum	14.00	Y		\$7.00	\$98.00
Coreopsis palmata	0.50	Y		\$600.00	\$300.00
Coreopsis tripteris	0.50	Y		\$280.00	\$140.00
Helenium autumnale	0.50	Y		\$225.00	\$112.50
Liatris spicata	6.25	Y		\$115.00	\$718.75
Pycnanthemum virginianum	0.70	Y		\$480.00	\$336.00

PROJECT TOTAL:

\$2,905.25

PROJECT #2: VAN PATTEN PHASE 4 CLEARING

Agropyron trachycaulum	27.00	Y		\$7.00	\$189.00
Carex annectens xanthocarpa	1.81	Y		\$145.00	\$262.45
Carex blanda	0.91	Y		\$600.00	\$546.00
Carex cristatella	0.45	Y		\$420.00	\$189.00
Carex scoparia	0.18	Y		\$120.00	\$21.60

Danthonia spicata	2.00	Y		\$305.00	\$610.00
Elymus canadensis	145.00	Y		\$10.00	\$1,450.00
Elymus villosus	5.44	Y		\$72.50	\$394.40
Elymus virginicus	145.00	Y		\$8.00	\$1,160.00
Juncus tenuis	0.18	Y		\$160.00	\$28.80
Panicum virgatum	1.81	Y		\$7.00	\$12.67
Anemone virginiana	1.81	Y		\$550.00	\$995.50
Baptisia leucantha	12.69	Y		\$115.00	\$1,459.35
Coreopsis tripteris	2.18	Y		\$280.00	\$610.40
Cryptotaenia canadensis	0.91	Y		\$105.00	\$95.55
Desmodium illinoense	6.89	Y		\$265.00	\$1,825.85
Euphorbia corollata	1.81	Y		\$780.00	\$1,411.80
Hydrophyllum virginianum	2.18	Y		\$715.00	\$1,558.70
Monarda fistulosa	0.36	Y		\$165.00	\$59.40
Penstemon digitalis	1.81	Y		\$155.00	\$280.55
Pycnanthemum virginianum	0.36	Y		\$480.00	\$172.80
Rudbeckia hirta	1.81	Y		\$35.00	\$63.35
Rudbeckia triloba	1.45	Y		\$75.00	\$108.75
Silene stellata	0.51	Y		\$1,200.00	\$612.00
Silphium terebinthinaceum	23.56	Y		\$150.00	\$3,534.00
Smilacina racemosa	10.88	Y		\$215.00	\$2,339.20
Smilax lasioneura	1.00	Y		\$180.00	\$180.00
Thalictrum dasycarpum	2.12	Y		\$260.00	\$551.20
Triosteum perfoliatum	2.50	Y		\$285.00	\$712.50
Verbena stricta	1.40	Y		\$75.00	\$105.00
Verbena urticifolia	0.40	Y		\$105.00	\$42.00

PROJECT TOTAL:

\$21,581.82

PROJECT #3: MID PHASE 6

Carex annectens xanthocarpa	0.08	Y		\$145.00	\$11.60
Carex vulpinoidea	0.03	Y		\$35.00	\$1.05
Elymus canadensis	26.60	Y		\$10.00	\$266.00
Elymus villosus	6.65	Y		\$72.50	\$482.13
Elymus virginicus	13.30	Y		\$8.00	\$106.40
Panicum virgatum	0.17	Y		\$7.00	\$1.19
Anemone virginiana	1.00	Y		\$550.00	\$550.00
Baptisia leucantha	4.99	Y		\$115.00	\$573.85
Coreopsis tripteris	1.25	Y		\$280.00	\$350.00
Desmodium canescens	3.33	Y		\$750.00	\$2,497.50
Euphorbia corollata	0.17	Y		\$780.00	\$132.60
Geranium maculatum	0.33	Y		\$950.00	\$313.50
Hydrophyllum virginianum	0.33	Y		\$715.00	\$235.95
Penstemon digitalis	0.20	Y		\$155.00	\$31.00

<i>Pycnanthemum virginianum</i>	0.17	Y		\$480.00	\$81.60
<i>Rudbeckia hirta</i>	0.42	Y		\$35.00	\$14.70
<i>Silene stellata</i>	0.20	Y		\$1,200.00	\$240.00
<i>Smilacina racemosa</i>	1.66	Y		\$215.00	\$356.90
<i>Thalictrum dasycarpum</i>	1.66	Y		\$260.00	\$431.60
<i>Triosteum perfoliatum</i>	0.75	Y		\$285.00	\$213.75

PROJECT TOTAL:

\$6,891.32

PROJECT #4: WRI UP

<i>Carex blanda</i>	0.90	Y		\$600.00	\$540.00
<i>Elymus canadensis</i>	30.00	Y		\$10.00	\$300.00
<i>Elymus villosus</i>	5.06	Y		\$72.50	\$366.85
<i>Elymus virginicus</i>	54.00	Y		\$8.00	\$432.00
<i>Cryptotaenia canadensis</i>	1.75	Y		\$105.00	\$183.75
<i>Geranium maculatum</i>	0.40	Y		\$950.00	\$380.00
<i>Hydrophyllum virginianum</i>	0.68	Y		\$715.00	\$486.20
<i>Osmorhiza claytonii</i>	1.75	Y		\$340.00	\$595.00
<i>Phryma leptostachya</i>	0.90	Y		\$925.00	\$832.50
<i>Polygonum virginianum</i>	0.75	Y		\$500.00	\$375.00
<i>Rudbeckia hirta</i>	0.20	Y		\$35.00	\$7.00
<i>Rudbeckia triloba</i>	0.34	Y		\$75.00	\$25.50
<i>Smilacina racemosa</i>	1.75	Y		\$215.00	\$376.25
<i>Thalictrum dasycarpum</i>	1.75	Y		\$260.00	\$455.00
<i>Triosteum perfoliatum</i>	0.75	Y		\$285.00	\$213.75

PROJECT TOTAL:

\$5,568.80

PROJECT #5: WRI WET

<i>Carex buxbaumii</i>	0.38	Y		\$1,250.00	\$475.00
<i>Carex molesta</i>	0.50	Y		\$150.00	\$75.00
<i>Carex projecta</i>	0.10	Y		\$300.00	\$30.00
<i>Carex vulpinoidea</i>	0.10	Y		\$35.00	\$3.50
<i>Elymus virginicus</i>	50.00	Y		\$8.00	\$400.00
<i>Asclepias incarnata</i>	2.16	Y		\$191.00	\$412.56
<i>Lycopus americanus</i>	0.10	Y		\$120.00	\$12.00
<i>Polygonum pensylvanicum</i>	0.75	Y		\$7.00	\$5.25
<i>Sagittaria latifolia</i>	0.10	Y		\$135.00	\$13.50

PROJECT TOTAL:

\$1,426.81

PROJECT #6: MAC

<i>Carex molesta</i>	0.20	Y		\$150.00	\$30.00
<i>Carex projecta</i>	0.10	Y		\$300.00	\$30.00
<i>Carex vulpinoidea</i>	0.10	Y		\$35.00	\$3.50
<i>Elymus virginicus</i>	32.00	Y		\$8.00	\$256.00
<i>Asclepias incarnata</i>	3.00	Y		\$191.00	\$573.00
<i>Lycopus americanus</i>	0.10	Y		\$120.00	\$12.00
<i>Polygonum pensylvanicum</i>	1.00	Y		\$7.00	\$7.00

Sagittaria latifolia	0.10	Y		\$135.00	\$13.50
PROJECT TOTAL:					\$925.00

PROJECT #7: GRANT MESIC

Elymus canadensis	10.94	Y		\$10.00	\$109.40
Panicum virgatum	4.69	Y		\$7.00	\$32.83
Asclepias tuberosa	1.56	Y		\$300.00	\$468.00
Aster laevis	1.56	Y		\$285.00	\$444.60
Aster novae-angliae	0.78	Y		\$240.00	\$187.20
Astragalus canadensis	1.56	Y		\$68.00	\$106.08
Baptisia leucantha	1.56	Y		\$115.00	\$179.40
Coreopsis palmata	1.56	Y		\$600.00	\$936.00
Coreopsis tripteris	3.13	Y		\$280.00	\$876.40
Desmodium canadense	4.69	Y		\$95.00	\$445.55
Echinacea pallida	4.69	Y		\$105.00	\$492.45
Heliopsis helianthoides	1.56	Y		\$40.00	\$62.40
Liatris spicata	4.69	Y		\$115.00	\$539.35
Monarda fistulosa	1.56	Y		\$165.00	\$257.40
Penstemon digitalis	0.47	Y		\$155.00	\$72.85
Petalostemum candidum	1.56	Y		\$125.00	\$195.00
Petalostemum purpureum	1.56	Y		\$60.00	\$93.60
Physostegia virginiana	1.56	Y		\$235.00	\$366.60
Pycnanthemum virginianum	0.16	Y		\$480.00	\$76.80
Rudbeckia hirta	0.78	Y		\$35.00	\$27.30
Silphium integrifolium	1.56	Y		\$105.00	\$163.80
Silphium terebinthinaceum	1.56	Y		\$150.00	\$234.00
PROJECT TOTAL:					\$6,367.01

PROJECT #8: GRANT WET

Carex annectens	0.31	Y		\$155.00	\$48.05
Carex bebbii	0.31	Y		\$70.00	\$21.70
Carex cristatella	0.31	Y		\$420.00	\$130.20
Carex pellita	0.63	Y		\$565.00	\$355.95
Elymus riparius	6.25	Y		\$16.00	\$100.00
Glyceria grandis	0.50	Y		\$105.00	\$52.50
Asclepias incarnata	2.00	Y		\$191.00	\$382.00
Aster novae-angliae	0.40	Y		\$240.00	\$96.00
Coreopsis tripteris	1.00	Y		\$280.00	\$280.00
Desmodium canadense	1.00	Y		\$95.00	\$95.00
Helenium autumnale	0.20	Y		\$225.00	\$45.00
Heliopsis helianthoides	3.00	Y		\$40.00	\$120.00
Liatris spicata	2.00	Y		\$115.00	\$230.00
Lythrum alatum	0.05	Y		\$1,300.00	\$65.00
Monarda fistulosa	0.50	Y		\$165.00	\$82.50
Physostegia virginiana	1.00	Y		\$235.00	\$235.00
Pycnanthemum virginianum	0.01	Y		\$480.00	\$4.80
Vernonia fasciculata	1.00	Y		\$195.00	\$195.00
PROJECT TOTAL:					\$2,538.70

PROJECT #9: 4TH LAKE

Carex annectens	0.16	Y		\$155.00	\$24.80
Carex bebbii	0.09	Y		\$70.00	\$6.30
Carex vulpinoidea	0.09	Y		\$35.00	\$3.15
Elymus canadensis	1.88	Y		\$10.00	\$18.80
Elymus villosus	1.25	Y		\$72.50	\$90.63
Glyceria grandis	0.03	Y		\$105.00	\$3.15
Panicum virgatum	0.31	Y		\$7.00	\$2.17
Spartina pectinata	0.31	Y		\$85.00	\$26.35
Anemone canadensis	0.31	Y		\$350.00	\$108.50
Anemone virginiana	0.31	Y		\$550.00	\$170.50
Aster laevis	0.16	Y		\$285.00	\$45.60
Aster novae-angliae	0.16	Y		\$240.00	\$38.40
Baptisia leucantha	0.31	Y		\$115.00	\$35.65
Desmodium canadense	0.94	Y		\$95.00	\$89.30
Euphorbia corollata	0.31	Y		\$780.00	\$241.80
Gentiana andrewsii	0.02	Y		\$905.00	\$18.10
Heliopsis helianthoides	0.31	Y		\$40.00	\$12.40
Krigia biflora	0.03	Y		\$1,250.00	\$37.50
Liatris spicata	0.63	Y		\$115.00	\$72.45
Mimulus ringens	0.01	Y		\$215.00	\$2.15
Monarda fistulosa	0.08	Y		\$165.00	\$13.20
Parthenium integrifolium	0.63	Y		\$128.00	\$80.64
Penstemon digitalis	0.03	Y		\$155.00	\$4.65
Petalostemum candidum	0.31	Y		\$125.00	\$38.75
Petalostemum purpureum	0.31	Y		\$60.00	\$18.60
Polygonum virginianum	0.63	Y		\$500.00	\$315.00
Pycnanthemum virginianum	0.03	Y		\$480.00	\$14.40
Rudbeckia hirta	0.06	Y		\$35.00	\$2.10
Silene stellata	0.09	Y		\$1,200.00	\$108.00
Silphium terebinthinaceum	0.63	Y		\$150.00	\$94.50
Verbena urticifolia	0.16	Y		\$105.00	\$16.80
Veronicastrum virginicum	0.01	Y		\$450.00	\$4.50

PROJECT TOTAL:

\$1,758.84

PROJECT #10: HURD

Bromus latiglumis	6.00	Y		\$180.00	\$1,080.00
Elymus canadensis	12.00	Y		\$10.00	\$120.00
Elymus villosus	5.00	Y		\$72.50	\$362.50

PROJECT TOTAL:

\$1,562.50

PROJECT #11: WADSWORTH

Carex grisea	2.46	Y		\$500.00	\$1,230.00
Carex normalis	1.09	Y		\$193.00	\$210.37
Elymus canadensis	24.50	Y		\$10.00	\$245.00
Elymus riparius	26.25	Y		\$16.00	\$420.00
Elymus villosus	24.50	Y		\$72.50	\$1,776.25
Elymus virginicus	29.75	Y		\$8.00	\$238.00
Anemone virginiana	0.91	Y		\$550.00	\$500.50
Clematis virginiana	2.52	Y		\$420.00	\$1,058.40
Cryptotaenia canadensis	4.70	Y		\$105.00	\$493.50
Geranium maculatum	1.00	Y		\$950.00	\$950.00

<i>Osmorhiza claytonii</i>	3.28	Y		\$340.00	\$1,115.20
<i>Penstemon digitalis</i>	0.58	Y		\$155.00	\$89.90
<i>Penstemon pallidus</i>	0.49	Y		\$850.00	\$416.50
<i>Polygonatum canaliculatum</i>	2.19	Y		\$210.00	\$459.90
<i>Polygonum virginianum</i>	1.53	Y		\$500.00	\$765.00
<i>Rudbeckia triloba</i>	1.97	Y		\$75.00	\$147.75
<i>Smilacina racemosa</i>	8.53	Y		\$215.00	\$1,833.95
<i>Smilax lasioneura</i>	1.00	Y		\$180.00	\$180.00
<i>Triosteum perfoliatum</i>	1.00	Y		\$285.00	\$285.00
<i>Verbena urticifolia</i>	0.46	Y		\$105.00	\$48.30
PROJECT TOTAL:					\$12,463.52

PROJECT #12: NRC WET

<i>Carex annectens</i>	1.00	Y		\$155.00	\$155.00
<i>Carex molesta</i>	0.35	Y		\$150.00	\$52.50
<i>Carex scoparia</i>	0.20	Y		\$120.00	\$24.00
<i>Carex vulpinoidea</i>	0.15	Y		\$35.00	\$5.25
<i>Elymus canadensis</i>	8.00	Y		\$10.00	\$80.00
<i>Elymus virginicus</i>	8.00	Y		\$8.00	\$64.00
<i>Spartina pectinata</i>	1.00	Y		\$85.00	\$85.00
PROJECT TOTAL:					\$465.75

PROJECT #13: NRC DRY

<i>Carex annectens xanthocarpa</i>	1.75	Y		\$145.00	\$253.75
<i>Carex normalis</i>	0.88	Y		\$193.00	\$169.84
<i>Elymus canadensis</i>	28.00	Y		\$10.00	\$280.00
<i>Elymus virginicus</i>	28.00	Y		\$8.00	\$224.00
<i>Panicum virgatum</i>	3.50	Y		\$7.00	\$24.50
PROJECT TOTAL:					\$952.09

PROJECT #14: VOLUNTEER

<i>Carex blanda</i>	0.06	Y		\$600.00	\$36.00
<i>Elymus canadensis</i>	1.00	Y		\$10.00	\$10.00
<i>Elymus virginicus</i>	2.00	Y		\$8.00	\$16.00
<i>Cryptotaenia canadensis</i>	0.13	Y		\$105.00	\$13.65
<i>Penstemon digitalis</i>	0.02	Y		\$155.00	\$3.10
<i>Rudbeckia subtomentosa</i>	0.03	Y		\$85.00	\$2.55
<i>Smilacina racemosa</i>	0.13	Y		\$215.00	\$27.95
<i>Verbena urticifolia</i>	0.03	Y		\$105.00	\$3.15
PROJECT TOTAL:					\$112.40

PROJECT #15: GRANT FARM

<i>Bromus ciliatus</i>	61.00	Y		\$32.00	\$1,952.00
<i>Elymus canadensis</i>	45.75	Y		\$10.00	\$457.50
<i>Elymus virginicus</i>	30.50	Y		\$8.00	\$244.00
<i>Rudbeckia hirta</i>	1.91	Y		\$35.00	\$66.85
PROJECT TOTAL:					\$2,720.35

VENDOR ORDER: CARDNO, INC.

SPÉCIES	TOTAL PLS LBS	TIER 1 (YES/NO)	NOTES FOR TIER 2 SEED	UNIT PRICE (\$/PLS LB)	EXTENSION PRICE
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PROJECT #1: VP FARM

Monarda punctata	0.70	Y		\$512.00	\$358.40
PROJECT TOTAL:					\$358.40

PROJECT #2: VAN PATTEN PHASE 4 CLEARING

Monarda punctata	0.36	Y		\$512.00	\$184.32
PROJECT TOTAL:					\$184.32

PROJECT #3: MID PHASE 6

Glyceria striata	0.17	Y		\$200.00	\$34.00
PROJECT TOTAL:					\$34.00

PROJECT #4: WRI UP

Glyceria striata	0.17	Y		\$200.00	\$34.00
PROJECT TOTAL:					\$34.00

PROJECT #5: WRI WET

Glyceria striata	0.10	Y		\$200.00	\$20.00
PROJECT TOTAL:					\$20.00

PROJECT #6: MAC

Glyceria striata	0.10	Y		\$200.00	\$20.00
PROJECT TOTAL:					\$20.00

PROJECT #9: 4TH LAKE

Glyceria striata	0.09	Y		\$200.00	\$18.00
PROJECT TOTAL:					\$18.00

PROJECT #10: HURD

Glyceria striata	0.30	Y		\$200.00	\$60.00
PROJECT TOTAL:					\$60.00

PROJECT #11: WADSWORTH

Glyceria striata	1.00	Y		\$200.00	\$200.00
PROJECT TOTAL:					\$200.00

PROJECT #14: VOLUNTEER

Glyceria striata	0.03	Y		\$200.00	\$6.00
PROJECT TOTAL:					\$6.00