



LAKE COUNTY FOREST PRESERVES
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Preservation, Restoration, Education and Recreation

DATE: January 4, 2016

MEMO TO: Bonnie Thomson Carter, Chair
Planning and Restoration Committee

S. Michael Rummel, Chair
Finance and Administrative Committee

FROM: James L. Anderson, Director
Natural Resources

SUBJECT: Native Seed Purchase 2016 for Multiple Preserves

RECOMMENDATION: Recommend approval of a Resolution awarding Contracts for the Purchase of Native Seed for Multiple Preserves (Van Patten, Grant Woods, Wadsworth Savanna, Rollins Savanna, and Greenbelt Forest Preserves) to Agrecol, LLC, in the Contract Price of \$59,866.06; Shooting Star Native Seed Nursery, in the Contract Price of \$29,594.07; and Prairie Moon Nursery, in the Contract Price of \$171,699.21.

BACKGROUND: The District will be installing native seed in fall of 2016 at Van Patten, Grant Woods, Wadsworth Savanna, Rollins Savanna, and Greenbelt Forest Preserves as part of ongoing ecological restoration efforts. Seed installation will occur after invasive species control efforts, including woody invasive clearing, with one exception: one area of the Wadsworth Savanna project area is a recently retired farm parcel. Seed installation will occur across more than 230 acres.

The project was advertised on November 6, 2015 and five bids were received. A summary of the lowest bids received is listed below:

	TOTAL BID
Prairie Moon Nursery, Winona, MN	\$171,699.21
Agrecol, LLC, Evansville, WI	\$59,866.06
Shooting Star Native Seed, Spring Grove, MN	\$29,594.07

SUCCESSFUL BIDDERS UNDER \$20,000.00

Taylor Creek Nursery, Broadhead, WI	\$19,950.75
Spence Restoration Nursery, Muncie, IN	\$8291.18

Materials were bid on a unit price per species. Staff has awarded a contract to each of the two low bidders whose total bids are less than \$20,000.00. Staff recommends that Prairie Moon Nursery, Agrecol, LLC, and Shooting Star Native Seed be awarded contracts as the lowest responsible bidders for the species for which they are the low bidders. The total of their low bid is greater than \$20,000.00, thus requiring Committee recommendation and Board approval of the contracts for this bid. Seed installation is anticipated to begin November 1, 2016 and be completed by December 31, 2016 by District staff.

REASON FOR RECOMMENDATION: Committee recommendation and Board approval are required in accordance with District policy.

REVIEW BY OTHERS: Chief Operations Officer, Director of Finance, Legal Counsel

FINANCIAL DATA: This project was approved as part of the adopted FY 2015/2016 Budget in the amount of \$810,000.00. The Native Seed purchase is being funded from the following accounts: Habitat Restoration Fund (20104100-803200-60004) in the amount of \$180,646.43, Grant Woods Habitat Restoration CIP Project (20104100-803200-60604) in the amount of \$84,000.00 and the Farmland Management Fund (28644000-705100-62804) in the amount of \$24,774.85.

STRATEGIC DIRECTIONS(S) SUPPORTED: Conservation

PRESENTER: James L. Anderson

STATE OF ILLINOIS)
) SS
 COUNTY OF LAKE)

**BOARD OF COMMISSIONERS
 LAKE COUNTY FOREST PRESERVE DISTRICT
 REGULAR JANUARY MEETING
 JANUARY 12, 2016**

MADAM PRESIDENT AND MEMBERS OF THE BOARD OF COMMISSIONERS:

Your **PLANNING AND RESTORATION COMMITTEE AND FINANCE AND ADMINISTRATIVE COMMITTEE** present herewith "A Resolution Awarding Contracts for the Native Seed Purchase 2016 - Multiple Preserves," and request its adoption.

PLANNING AND RESTORATION COMMITTEE:	YEA	NAY	FINANCE AND ADMINISTRATIVE COMMITTEE:	YEA	NAY
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Bonnie Thomson Carter, Chair			S. Michael Rummel, Chair		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Nick Sauer, Vice-Chair			Linda Pedersen, Vice-Chair		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Carol Calabresa			Steve Carlson		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Bill Durkin			Bill Durkin		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Sandra Hart			Sandra Hart		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Diane Hewitt			Aaron Lawlor		
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
Sid Mathias			Audrey Nixon		
_____	<input type="checkbox"/>	<input type="checkbox"/>			
Craig Taylor					
_____	<input type="checkbox"/>	<input type="checkbox"/>			
Tom Weber					

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

**A RESOLUTION AWARDING CONTRACTS FOR THE
NATIVE SEED PURCHASE 2016 - 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 2016 Habitat Restoration Projects 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 November 20, 2015 at 10:00 a.m.; and

WHEREAS, the District's staff; the Purchasing Manager; the Director of Natural Resources; the Planning and Restoration Committee; and the Finance and Administrative 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 column titled "Prairie Moon Nursery" (the "Prairie Moon Bids"), (ii) Shooting Star Native Seeds to be the lowest responsible bidder with respect to the bids on Exhibit A in the column titled "Shooting Star Native Seed" ("the Shooting Star Bids"), and (iii) Agrecol LLC to be the lowest responsible bidder with respect to the bids on Exhibit A in the column titled "Agrecol LLC" (the "Agrecol Bids"), and award contracts for the Products to those bidders consistent therewith; and

WHEREAS, the Board of Commissioners hereby finds that Prairie Moon Nursery, Shooting Star Native Seeds, 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 Bids in the total amount of \$171,699.21 (the "Prairie Moon Contract Price") are hereby accepted and a contract for the Products in the amount of the Prairie Moon Contract Price is hereby awarded to Prairie Moon Nursery (the "Prairie Moon Contract"). The Shooting Star Native Seeds Bids in the total amount of \$29,594.07 (the "Shooting Star Contract Price") are hereby accepted and a contract for the Products in the amount of the Shooting Star Contract Price is hereby awarded to Shooting Star Native Seeds (the "Shooting Star Contract"). The Agrecol Bids in the total amount of \$59,886.06 (the "Agrecol Contract Price") are hereby accepted and a contract for the Products in the amount of the Agrecol Contract Price is hereby awarded to Agrecol LLC (the "Agrecol Contract") (collectively, the Prairie Moon Contract, the Shooting Star Contract, and the Agrecol 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 Contract Price, the Shooting Star Contract Price, and the Agrecol 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 ____ day of _____, 2016.

AYES:

NAYS:

APPROVED this ____ day of _____, 2016.

ATTEST:

Ann B. Maine, President
Lake County Forest Preserve District

Julie A. Gragnani, Secretary
Lake County Forest Preserve District

Exhibit No. _____

Exhibit A: Bid Results

Project Name: Native Seed Purchase 2016 - Multiple Preserves

Project #: 60004-16013-809

VAN PATTEN - UPLAND		PRAIRIE MOON			
		Quant. To Order	Tier 1?	PPU	Extension
Species	Common Name				
Bromus pubescens/purgans	Woodland Brome	12.50	N	\$95.00	\$1,187.50
Carex blanda		1.00		\$614.00	\$614.00
Carex hirsutella	Hairy Green Sedge	4.25		\$670.00	\$2,847.50
Carex rosea	Curly-Styled Wood Sedge	0.50	N	\$1,888.00	\$944.00
Carex tenera	Narrow-Leaved Oval Sedg.	2.75		\$973.00	\$2,675.75
Festuca obtusa	Nodding Fescue	1.00		\$820.00	\$820.00
Glyceria striata	Fowl Manna Grass	0.50		\$166.00	\$83.00
Hystrix patula	Bottlebrush Grass	18.75		\$84.00	\$1,575.00
Allium cernuum	Nodding Wild Onion	6.25		\$166.00	\$1,037.50
Anemone cylindrica (DF)	Thimbleweed	1.50	N	\$970.00	\$1,455.00
Aquilegia canadensis	Wild Columbine	2.50		\$284.00	\$710.00
Baptisia leucantha	White Wild Indigo	6.50		\$98.00	\$637.00
Campanula americana	Tall Bellflower	0.75		\$638.00	\$478.50
Desmodium glutinosum	Pointed Tick Trefoil	1.25		\$686.00	\$857.50
Eupatorium purpureum (DF)	Purple Joe Pye Weed	1.25		\$272.00	\$340.00
Gentiana flavida	Yellow Gentian	0.75	N	\$379.00	\$284.25
Hydrophyllum virginianum	Virginia Waterleaf	2.25		\$977.00	\$2,198.25
Pedicularis canadensis	Lousewort/Wood Betony	1.00	N	\$1,222.00	\$1,222.00
Prenanthes alba	Lion's Foot/White Lettuce	0.75	N	\$1,384.00	\$1,038.00
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	2.50		\$73.00	\$182.50
Scrophularia marilandica	Late Figwort	1.00		\$247.00	\$247.00
Smilacina racemosa	Feathery False Solomon's Seal	5.00		\$324.00	\$1,620.00
Solidago rigida (DF)	Stiff Goldenrod	3.50		\$89.00	\$311.50
Thalictrum dasycarpum	Purple Meadow Rue	4.50		\$263.00	\$1,183.50
Thalictrum dioicum	Early Meadow Rue	2.25		\$555.00	\$1,248.75
Triosteum perfoliatum	Late Horse Gentian	1.50		\$516.00	\$774.00
Verbena urticifolia		0.50		\$198.00	\$99.00

VAN PATTEN - WET

Species	Common Name				
Carex cristatella	Crested Oval Sedge	0.26		\$420.00	\$109.20
Carex davisii	Awned Graceful Sedge	0.28		\$443.00	\$124.04
Carex pellita/lanuginosa	Broad-Leaved Woolly Sedg.	0.10		\$980.00	\$98.00
Carex scoparia	Lance-Fruited Oval Sedge	0.19		\$138.00	\$26.22
Carex vulpinoidea	Brown Fox Sedge	0.08		\$69.00	\$5.52
Glyceria striata	Fowl Manna Grass	0.10		\$142.00	\$14.20
Scirpus pendulus/lineatus	Red Bulrush	0.09		\$380.00	\$34.20
Anemone canadense	Meadow Anemone	0.14		\$578.00	\$80.92
Asclepias incarnata (DF)	Marsh Milkweed	0.56		\$138.00	\$77.28
Campanula americana	Tall Bellflower	0.06		\$638.00	\$38.28
Chelone glabra	Turtlehead	0.05		\$688.00	\$34.40
Iris virginica v. shrevei	Blue Flag Iris	0.50		\$224.00	\$112.00
Lobelia inflata	Indian Tobacco	0.09	N	\$1,580.00	\$142.20
Penthorum sedoides	Ditch Stonecrop	0.02		\$248.00	\$4.96

WADSWORTH - FARM

Species	Common Name				
<i>Asclepias tuberosa</i> (DF)	Butterfly Milkweed	3.38		\$520.00	\$1,757.60
<i>Aclepias verticillata</i> (DF)	Whorled Milkweed	0.94		\$647.00	\$608.18
<i>Baptisia leucantha</i>	White Wild Indigo	5.25		\$98.00	\$514.50
<i>Echinacea pallida</i>	Pale Purple Coneflower	7.50		\$128.00	\$960.00
<i>Galium boreale</i>	Northern Bedstraw	0.38	N	\$1,247.00	\$473.86
<i>Silphium integrifolium</i>	Rosin Weed	0.94		\$99.00	\$93.06
<i>Solidago nemoralis</i> (DF)	Old-Field Goldenrod	0.56		\$176.00	\$98.56
<i>Solidago rigida</i> (DF)	Stiff Goldenrod	2.44		\$89.00	\$217.16
<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	4.50		\$263.00	\$1,183.50

ROLLINS - CREEK

Species	Common Name				
<i>Carex bebbi</i>	Bebb's Oval Sedge	0.83		\$89.00	\$73.87
<i>Carex cristatella</i>	Crested Oval Sedge	1.13		\$420.00	\$474.60
<i>Carex davisii</i>	Awned Graceful Sedge	3.50		\$443.00	\$1,550.50
<i>Carex psuedo-cyperus</i>	False Bristy Sedge	2.88	N	\$128.00	\$368.64
<i>Carex stipata</i>	Common Fox Sedge	1.81		\$118.00	\$213.58
<i>Carex vulpinoidea</i>	Brown Fox Sedge	0.56		\$69.00	\$38.64
<i>Eleocharis acicularis</i>	Needle Spike Rush	0.91		\$427.00	\$388.57
<i>Juncus dudleyi</i>	Dudley's Rush	0.03		\$750.00	\$22.50
<i>Juncus nodosus</i>	Joint Rush	0.03		\$850.00	\$25.50
<i>Anemone canadense</i>	Meadow Anemone	5.63		\$578.00	\$3,254.14
<i>Asclepias incarnata</i> (DF)	Marsh Milkweed	9.38		\$138.00	\$1,294.44
<i>Aster prealtus</i> (DF)	Willow Aster	0.38		\$1,120.00	\$425.60
<i>Aster simplex</i> (DF)	Panicled Aster	0.23		\$640.00	\$147.20
<i>Chelone glabra</i>	Turtlehead	0.50		\$688.00	\$344.00
<i>Eupatorium maculatum</i> (DF)	Spotted Joe Pye Weed	0.25		\$224.00	\$56.00
<i>Eupatorium perfoliatum</i> (DF)	Common Boneset	0.24		\$343.00	\$82.32
<i>Gentiana andrewsii</i>	Closed/Bottle Gentian	0.17		\$1,310.00	\$222.70
<i>Lobelia siphilitica</i>	Great Blue Lobelia	0.09		\$348.00	\$31.32
<i>Mentha arvensis</i>	Wild Mint	0.14		\$1,180.00	\$165.20
<i>Penthorum sedoides</i>	Ditch Stonecrop	0.04		\$240.00	\$9.60
<i>Teucrium canadense</i>	Germander/Wood Sage	2.44	N	\$189.00	\$461.16
<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	3.38		\$263.00	\$888.94
<i>Verbena hastata</i>	Blue Vervain	0.41		\$92.00	\$37.72

GRANT WOODS - A

Species	Common Name				
<i>Bromus pubescens/purgans</i>	Woodland Brome	11.25	N	\$95.00	\$1,068.75
<i>Carex hirsutella</i>	Hairy Green Sedge	1.50		\$678.00	\$1,017.00
<i>Carex rosea</i>	Curly-Styled Wood Sedge	0.94	N	\$1,888.00	\$1,774.72
<i>Carex tenera</i>	Narrow-Leaved Oval Sedg.	1.88		\$973.00	\$1,829.24
<i>Glyceria striata</i>	Fowl Manna Grass	0.38		\$142.00	\$53.96
<i>Hystrix patula</i>	Bottlebrush Grass	15.00		\$87.00	\$1,305.00
<i>Agastache nepetoides</i>	Yellow Giant Hyssop	0.94		\$273.00	\$256.62
<i>Campanula americana</i>	Tall Bellflower	0.56		\$638.00	\$357.28
<i>Desmodium glutinosum</i>	Pointed Tick Trefoil	0.94		\$686.00	\$644.84
<i>Gentiana flavida</i>	Yellow Gentian	0.38	N	\$379.00	\$144.02
<i>Pedicularis canadensis</i>	Lousewort/Wood Betony	0.56	N	\$1,222.00	\$684.32
<i>Prenanthes alba</i>	Lion's Foot/White Lettuce	1.88	N	\$1,384.00	\$2,601.92

Rudbeckia subtomentosa	Sweet Black-Eyed Susan	1.88		\$73.00	\$137.24
Scrophularia marilandica	Late Figwort	1.50		\$247.00	\$370.50
Thalictrum dasycarpum	Purple Meadow Rue	4.69		\$263.00	\$1,233.47
Thalictrum dioicum	Early Meadow Rue	1.88		\$555.00	\$1,043.40
Verbena urticifolia		0.38		\$198.00	\$75.24

GRANT WOODS - B

Species	Common Name				
Bromus pubescens/purgans	Woodland Brome	21.88	N	\$95.00	\$2,078.60
Carex davisii	Awned Graceful Sedge	4.38		\$443.00	\$1,940.34
Carex hirsutella	Hairy Green Sedge	8.75		\$678.00	\$5,932.50
Carex rosea	Curly-Styled Wood Sedge	4.25	N	\$1,888.00	\$8,024.00
Carex tenera	Narrow-Leaved Oval Sedg.	8.75		\$973.00	\$8,513.75
Festuca obtusa	Nodding Fescue	2.19		\$488.00	\$1,068.72
Glyceria striata	Fowl Manna Grass	1.31		\$142.00	\$186.02
Hystrix patula	Bottlebrush Grass	35.00		\$77.00	\$2,695.00
Agastache nepetoides	Yellow Giant Hyssop	3.06	N	\$273.00	\$835.38
Allium tricocceum	Wild Leek	8.75	N	\$660.00	\$5,775.00
Aquilegia canadensis	Wild Columbine	4.38		\$284.00	\$1,243.92
Campanula americana	Tall Bellflower	1.31		\$638.00	\$835.78
Desmodium glutinosum	Pointed Tick Trefoil	4.38		\$638.00	\$2,794.44
Eupatorium purpureum (DF)	Purple Joe Pye Weed	3.28		\$272.00	\$892.16
Gentiana flavida	Yellow Gentian	1.31		\$379.00	\$496.49
Hydrophyllum virginianum	Virginia Waterleaf	4.38		\$977.00	\$4,279.26
Lobelia inflata	Indian Tobacco	0.88	N	\$1,580.00	\$1,390.40
Osmorhiza claytonii	Hairy Sweet Cicely	1.31		\$284.00	\$372.04
Pedicularis canadensis	Lousewort/Wood Betony	1.75	N	\$1,222.00	\$2,138.50
Phryma leptostachya	Lopseed	8.10	N	\$1,692.00	\$13,705.20
Polemonium reptans	Jacob's Ladder	1.00	N	\$1,618.00	\$1,618.00
Prenanthes alba	Lion's Foot/White Lettuce	2.19	N	\$1,384.00	\$3,030.96
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	4.38		\$73.00	\$319.74
Scrophularia lanceolata	Early Figwort	2.19	N	\$166.00	\$363.54
Scrophularia marilandica	Late Figwort	3.50		\$247.00	\$864.50
Smilacina racemosa	Feathery False Solomon's Seal	8.75		\$324.00	\$2,835.00
Solidago flexicaulus (DF)	Zig-Zag Goldenrod	1.00		\$1,784.00	\$1,784.00
Taenidia integerrima	Yellow Pimpernel	0.50		\$1,729.00	\$864.50
Thalictrum dioicum	Early Meadow Rue	4.38		\$555.00	\$2,430.90

WADSWORTH - CLEARING

Species	Common Name				
Bromus pubescens/purgans	Woodland Brome	1.56	N	\$95.00	\$148.20
Carex blanda		0.63		\$614.00	\$386.82
Carex hirsutella	Hairy Green Sedge	2.66		\$678.00	\$1,803.48
Carex tenera	Narrow-Leaved Oval Sedg.	1.72		\$973.00	\$1,673.56
Glyceria striata	Fowl Manna Grass	0.63		\$142.00	\$89.46
Hystrix patula	Bottlebrush Grass	10.94		\$67.79	\$741.62
Panicum oligosanthos/scribnerianum	Scribner's Panic Grass	1.56		\$1,779.00	\$2,775.24
Agastache nepetoides	Yellow Giant Hyssop	0.63	N	\$273.00	\$171.99
Anemone virginiana (DF)	Tall Anemone/Thimbleweed	1.56	N	\$1,129.00	\$1,761.24
Aquilegia canadensis	Wild Columbine	1.56		\$284.00	\$443.04
Aclepias verticillata (DF)	Whorled Milkweed	1.56		\$760.00	\$1,185.60
Baptisia leucantha	White Wild Indigo	4.69		\$98.00	\$459.62

Campanula americana	Tall Bellflower	0.47		\$638.00	\$299.86
Desmodium glutinosum	Pointed Tick Trefoil	0.78		\$686.00	\$535.08
Eupatorium purpureum (DF)	Purple Joe Pye Weed	0.78		\$272.00	\$212.16
Helianthus strumosus	Pale-Leaved Sunflower	3.00	MIX	\$980.00	\$2,940.00
Hydrophyllum virginianum	Virginia Waterleaf	1.41		\$977.00	\$1,377.57
Pedicularis canadensis	Lousewort/Wood Betony	0.63	N	\$1,222.00	\$769.86
Ratibida pinnata	Yellow Coneflower	0.78		\$74.00	\$57.72
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	1.56		\$73.00	\$113.88
Scrophularia marilandica	Late Figwort	0.63		\$247.00	\$155.61
Smilacina racemosa	Feathery False Solomon's Seal	3.13		\$324.00	\$1,014.12
Solidago nemoralis (DF)	Old-Field Goldenrod	0.47		\$176.00	\$82.72
Solidago rigida (DF)	Stiff Goldenrod	2.19		\$89.00	\$194.91
Thalictrum dasycarpum	Purple Meadow Rue	2.81		\$263.00	\$739.03
Thalictrum dioicum	Early Meadow Rue	0.78		\$555.00	\$432.90
Verbena urticifolia		0.31		\$198.00	\$61.38

GREENBELT

Species	Common Name				
Carex bebbi	Bebb's Oval Sedge	0.86		\$89.00	\$76.54
Antennaria plantaginifolia (DF)		0.14		\$3,900.00	\$546.00
Aquilegia canadensis	Wild Columbine	1.40		\$284.00	\$397.60
Aclepias verticillata (DF)	Whorled Milkweed	1.40		\$760.00	\$1,064.00
Aster ericoides (DF)	Heath Aster	0.14		\$1,120.00	\$156.80
Baptisia leucantha	White Wild Indigo	5.75		\$98.00	\$563.50
Cacalia plantaginea/tuberosa (DF)		1.00		\$1,840.00	\$1,840.00
Camassia scilloides		1.40		\$374.00	\$523.60
Cirsium discolor (DF)		2.00	N	\$987.00	\$1,974.00
Echinacea pallida	Pale Purple Coneflower	8.63		\$128.00	\$1,104.64
Galium boreale	Northern Bedstraw	0.50	N	\$1,247.00	\$623.50
Gentiana flavida	Yellow Gentian	0.14	N	\$379.00	\$53.06
Gentiana quinquefolia		0.14		\$1,788.00	\$250.32
Heuchera richardsonii		0.14		\$1,280.00	\$179.20
Pedicularis canadensis	Lousewort/Wood Betony	0.86	N	\$1,222.00	\$1,050.92
Penstemon pallida		0.43		\$728.00	\$313.04
Potentilla arguta		0.14		\$102.00	\$14.28
Ratibida pinnata	Yellow Coneflower	0.58		\$74.00	\$42.92
Ruellia humilis		1.00		\$780.00	\$780.00
Silene regia		0.58	N	\$884.00	\$512.72
Silphium integrifolium	Rosin Weed	1.44		\$99.00	\$142.56
Solidago nemoralis (DF)	Old-Field Goldenrod	0.14		\$176.00	\$24.64
Solidago rigida (DF)	Stiff Goldenrod	0.14		\$89.00	\$12.46
Taenidia integerrima	Yellow Pimpernel	0.50		\$1,729.00	\$864.50

TOTAL LOW BIDS PER VENDOR

\$171,699.21

VAN PATTEN - UPLAND		AGRECOL			
		Quant. To Order	Tier 1?	PPU	Extension
Species	Common Name				
Bromus kalmii	Prairie Brome	1.14		\$48.00	\$54.72
Carex bicknellii	Copper-Shouldered Oval S.	2.50		\$240.00	\$600.00
Elymus villosus	Silky Wild Rye	25.00		\$80.00	\$2,000.00
Elymus virginicus	Virginia Wild Rye	20.00		\$8.00	\$160.00
Sporobolus heterolepis	Prairie Dropseed	8.00		\$60.00	\$480.00
Anemone virginiana (DF)	Tall Anemone/Thimbleweed	2.50	N	\$1,800.00	\$4,500.00
Blephilia hirsuta	Wood Mint	0.50		\$2,000.00	\$1,000.00
Geranium maculatum	Wild Geranium	1.25	N	\$1,500.00	\$1,875.00
Rudbeckia hirta	Black-Eyed Susan	2.50		\$18.00	\$45.00
Veronicastrum virginica	Culver's Root	0.50		\$500.00	\$250.00

VAN PATTEN - WET					
Species	Common Name				
Elymus virginicus	Virginia Wild Rye	1.50		\$8.00	\$12.00

WADSWORTH - FARM					
Species	Common Name				
Bromus kalmii	Prairie Brome	15.00		\$48.00	\$720.00
Carex bicknellii	Copper-Shouldered Oval S.	9.38		\$240.00	\$2,251.20
Elymus virginicus	Virginia Wild Rye	15.00		\$8.00	\$120.00
Sporobolus heterolepis	Prairie Dropseed	15.00		\$60.00	\$900.00
Aster novae-angliae (DF)	New England Aster	0.56		\$200.00	\$112.00
Liatis aspera (DF)	Rough Blazing Star	3.75		\$320.00	\$1,200.00
Liatis spicata (DF)	Marsh Blazing Star	0.38		\$120.00	\$45.60
Veronicastrum virginica	Culver's Root	0.38		\$500.00	\$190.00

ROLLINS - CREEK					
Species	Common Name				
Aster novae-angliae (DF)	New England Aster	0.63		\$200.00	\$126.00
Liatis spicata (DF)	Marsh Blazing Star	3.81		\$120.00	\$457.20
Solidago riddellii (DF)	Riddell's Goldenrod	0.45		\$100.00	\$45.00
Veronicastrum virginica	Culver's Root	0.06		\$500.00	\$30.00

GRANT WOODS - A					
Species	Common Name				
Elymus villosus	Silky Wild Rye	15.00		\$80.00	\$1,200.00
Elymus virginicus	Virginia Wild Rye	22.50		\$8.00	\$180.00
Anemone virginiana (DF)	Tall Anemone/Thimbleweed	1.88	N	\$1,800.00	\$3,384.00
Blephilia hirsuta	Wood Mint	0.28		\$2,000.00	\$560.00
Geranium maculatum	Wild Geranium	1.88	N	\$1,500.00	\$2,820.00
Rudbeckia hirta	Black-Eyed Susan	1.88		\$18.00	\$33.84
Rudbeckia triloba	Brown Eyed Susan	1.88		\$120.00	\$225.60
Veronicastrum virginica	Culver's Root	0.38		\$500.00	\$190.00

GRANT WOODS - B

Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Elymus villosus	Silky Wild Rye	52.50		\$80.00	\$4,200.00
Elymus virginicus	Virginia Wild Rye	52.50		\$8.00	\$420.00
Anemone virginiana (DF)	Tall Anemone/Thimbleweed	4.38	N	\$1,800.00	\$7,884.00
Blephilia hirsuta	Wood Mint	1.31		\$2,000.00	\$2,620.00
Geranium maculatum	Wild Geranium	4.38	N	\$1,500.00	\$6,570.00
Rudbeckia triloba	Brown Eyed Susan	4.38		\$120.00	\$525.60

WADSWORTH - CLEARING

Species	Common Name				
Carex bicknellii	Copper-Shouldered Oval S.	1.56		\$240.00	\$374.40
Elymus villosus	Silky Wild Rye	15.63		\$80.00	\$1,250.40
Elymus virginicus	Virginia Wild Rye	25.00		\$8.00	\$200.00
Sporobolus heterolepis	Prairie Dropseed	4.69		\$60.00	\$281.40
Allium cernuum	Nodding Wild Onion	3.91		\$200.00	\$782.00
Blephilia hirsuta	Wood Mint	0.31		\$2,000.00	\$620.00
Geranium maculatum	Wild Geranium	0.78		\$1,500.00	\$1,170.00
Rudbeckia hirta	Black-Eyed Susan	1.56		\$18.00	\$28.08
Rudbeckia triloba	Brown Eyed Susan	1.56		\$120.00	\$187.20
Veronicastrum virginica	Culver's Root	0.31		\$500.00	\$155.00

GREENBELT

Species	Common Name				
Carex bicknellii	Copper-Shouldered Oval S.	4.31		\$240.00	\$1,034.40
Sporobolus heterolepis	Prairie Dropseed	5.70		\$60.00	\$342.00
Aster novae-angliae (DF)	New England Aster	0.28		\$200.00	\$56.00
Baptisia leucophaea		3.00		\$800.00	\$2,400.00
Cacalia atriplicifolia (DF)		7.10		\$160.00	\$1,136.00
Cassia fasciculata		7.10		\$16.00	\$113.60
Liatris aspera (DF)	Rough Blazing Star	1.44		\$320.00	\$460.80
Liatris spicata (DF)	Marsh Blazing Star	3.50		\$120.00	\$420.00
Rudbeckia hirta	Black-Eyed Susan	0.29		\$18.00	\$5.22
Ruellia humilis		2.00	N	\$320.00	\$640.00
Silphium terebinthinaceum	Prairie Dock	1.44		\$120.00	\$172.80
Veronicastrum virginica	Culver's Root	0.14		\$500.00	\$70.00

TOTAL LOW BIDS PER VENDOR**\$59,886.06**

SHOOTING STAR

VAN PATTEN - UPLAND

Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Andropogon gerardii	Big Bluestem	1.50		\$7.80	\$11.70
Bouteloua curtipendula	Side-Oats Grama	40.00		\$10.30	\$412.00
Danthonia spicata	Poverty Oats	2.50	N	\$394.40	\$986.00
Aster drummondii (DF)	Drummond's Aster	1.50		\$158.40	\$237.60
Coreopsis tripteris	Tall Coreopsis	4.50		\$149.40	\$672.30
Euphorbia corollata	Flowering Spurge	2.50	N	\$469.80	\$1,174.50
Penstemon digitalis	Foxglove Beard Tongue	1.25		\$84.40	\$105.50
Petalostemum purpureum (DH)	Purple Prairie Clover	5.00		\$144.80	\$724.00
Pycnanthemum tenuifolium	Slender Mountain Mint	0.50		\$344.80	\$172.40
Pycnanthemum virginica	Common Mountain Mint	0.25		\$364.40	\$91.10
Rudbeckia triloba	Brown Eyed Susan	2.50	N	\$78.80	\$197.00
Tradescantia ohiensis	Spiderwort	6.75		\$174.80	\$1,179.90
Zizia aurea	Golden Alexanders	7.50		\$54.40	\$408.00

VAN PATTEN - WET

Species	Common Name				
Calamagrostis canadensis (DF)	Blue Joint Grass	0.19	N	\$448.80	\$85.27
Carex lacustris	Common Lake Sedge	0.10	N	\$747.80	\$74.78
Carex lupulina	Common Hop Sedge	0.84	N	\$194.40	\$163.30
Carex retrorsa	Deflexed Bottlebrush Sedg.	0.28	N	\$247.80	\$69.38
Scutellaria lateriflora	Mad-Dog Skunkcap	0.19	N	\$284.40	\$54.04

WADSWORTH - FARM

Species	Common Name				
Andropogon gerardii	Big Bluestem	3.00		\$7.80	\$23.40
Bouteloua curtipendula	Side-Oats Grama	75.00		\$10.30	\$772.50
Allium cernuum	Nodding Wild Onion	5.63		\$174.80	\$984.12
Aster ericoides (DF)	Heath Aster	1.13	N	\$688.80	\$778.34
Coreopsis tripteris	Tall Coreopsis	3.38		\$149.40	\$504.97
Euphorbia corollata	Flowering Spurge	1.88	N	\$469.80	\$883.22
Monarda fistulosa	Wild Bergamot	1.50	N	\$172.40	\$258.60
Penstemon digitalis	Foxglove Beard Tongue	0.94		\$84.40	\$79.34
Pycnanthemum virginica	Common Mountain Mint	0.56		\$364.40	\$204.06
Silphium laciniatum	Compass Plant	8.44		\$118.80	\$1,002.67
Silphium terebinthinaceum	Prairie Dock	5.63		\$129.80	\$730.77
Verbena stricta	Hoary Vervain	1.88		\$74.40	\$139.87
Zizia aurea	Golden Alexanders	4.69		\$54.40	\$255.14

ROLLINS - CREEK

Species	Common Name				
Carex scoparia	Lance-Fruited Oval Sedge	0.75		\$147.80	\$110.85
Helenium autumnale	Sneezeweed	0.32		\$147.40	\$47.17
Pycnanthemum virginica	Common Mountain Mint	0.16		\$364.40	\$58.30
Vernonia fasciculata (DF)	Common Ironweed	1.81		\$68.40	\$123.80
Zizia aurea	Golden Alexanders	4.38		\$54.40	\$238.27

GRANT WOODS - A

Species	Common Name				
Allium cernuum	Nodding Wild Onion	2.25		\$174.80	\$393.30
Zizia aurea	Golden Alexanders	5.63		\$54.40	\$306.27

GRANT WOODS - B

Species	Common Name				
Penstemon digitalis	Foxglove Beard Tongue	2.19		\$84.40	\$184.84
Polemonium reptans	Jacob's Ladder	1.19	N	\$1,688.80	\$2,009.67

WADSWORTH - CLEARING

Species	Common Name				
Andropogon gerardii	Big Bluestem	0.94		\$7.80	\$7.33
Andropogon scoparius	Little Bluestem	25.00		\$17.40	\$435.00
Bouteloua curtipendula	Side-Oats Grama	25.00		\$10.30	\$257.50
Danthonia spicata	Poverty Oats	1.56	N	\$394.40	\$615.26
Juncus tenuis	Path Rush	0.16		\$478.80	\$76.61
Aster drummondii (DF)	Drummond's Aster	0.94		\$158.40	\$148.90
Coreopsis tripteris	Tall Coreopsis	2.81		\$149.40	\$419.81
Euphorbia corollata	Flowering Spurge	0.78	N	\$469.80	\$366.44
Penstemon digitalis	Foxglove Beard Tongue	0.78		\$84.40	\$65.83
Petalostemum purpureum (DH)	Purple Prairie Clover	3.13		\$144.80	\$453.22
Pycnanthemum virginica	Common Mountain Mint	0.31		\$364.40	\$112.96
Tradescantia ohiensis	Spiderwort	4.22		\$174.80	\$737.66
Zizia aurea	Golden Alexanders	4.69		\$54.40	\$255.14

GREENBELT

Species	Common Name				
Andropogon scoparius	Little Bluestem	25.00		\$17.40	\$435.00
Carex annectens v. xanthoc.	Small Yellow Fox Sedge	0.71		\$119.80	\$85.06
Danthonia spicata	Poverty Oats	4.30	N	\$394.40	\$1,695.92
Allium cernuum	Nodding Wild Onion	4.30		\$174.80	\$751.64
Coreopsis tripteris	Tall Coreopsis	2.88		\$149.40	\$430.27
Dodecatheon meadia		1.44		\$1,119.80	\$1,612.51
Eryngium yuccifolium	Rattlesnake Master	4.31	N	\$84.40	\$363.76
Euphorbia corollata	Flowering Spurge	2.88	N	\$469.80	\$1,353.02
Lespedeza capitata (DH)		4.31		\$88.80	\$382.73
Petalostemum candidum (DH)		1.44		\$144.80	\$208.51
Petalostemum purpureum (DH)	Purple Prairie Clover	1.44		\$144.80	\$208.51
Pycnanthemum tenuifolium	Slender Mountain Mint	0.14		\$344.80	\$48.27
Silphium laciniatum	Compass Plant	1.44		\$118.80	\$171.07
Tradescantia ohiensis	Spiderwort	4.31		\$174.80	\$753.39
Zizia aurea	Golden Alexanders	4.31		\$54.40	\$234.46

TOTAL LOW BIDS PER VENDOR**\$29,594.07**

AES/TAYLOR CREEK

VAN PATTEN - UPLAND

Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Andropogon scoparius	Little Bluestem	40.00		\$15.00	\$600.00
Bromus kalmii	Prairie Brome	6.36		\$48.00	\$305.28
Carex normalis	Spreading Oval Sedge	4.50		\$242.00	\$1,089.00
Allium canadense	Wild Onion/Garlic	5.00		\$45.00	\$225.00
Eupatorium rugosum (DF)	White Snakeroot	0.75		\$493.00	\$369.75
Heracleum maximum	Cow Parsnip	2.50		\$38.00	\$95.00
Solidago flexicaulus (DF)	Zig-Zag Goldenrod	1.00		\$2,080.00	\$2,080.00

VAN PATTEN - WET

Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Muhlenbergia mexicana	Leafy Satin Grass	0.06		\$240.00	\$14.40
Cicuta maculata	Water Hemlock	0.19		\$180.00	\$34.20

WADSWORTH - FARM

Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Andropogon scoparius	Little Bluestem	60.00		\$15.00	\$900.00
Koeleria cristata	June Grass	0.94		\$160.00	\$150.40
Panicum virgatum	Switch Grass	0.38		\$15.20	\$5.78
Aster laevis (DF)	Smooth Blue Aster	2.25		\$220.00	\$495.00
Eryngium yuccifolium	Rattlesnake Master	6.56		\$128.00	\$839.68
Parthenium integrifolium	Wild Quinine	3.38		\$97.00	\$327.86
Solidago speciosa (DF)	Showy Goldenrod	0.75		\$217.60	\$163.20

ROLLINS - CREEK

Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Carex normalis	Spreading Oval Sedge	2.50		\$242.00	\$605.00
Juncus effesus	Common Rush	0.10		\$400.00	\$40.00
Scirpus atrovirens	Dark Green Rush	0.19		\$54.40	\$10.34
Scirpus cyperinus	Wool Grass	0.08		\$136.00	\$10.88
Boltonia asteroides/latisquama	False Aster	0.28		\$92.00	\$25.76
Cicuta maculata	Water Hemlock	3.69		\$180.00	\$664.20
Lythrum alatum	Winged Loosetrife	0.02		\$1,564.00	\$31.28
Silphium perfoliatum	Cup Plant	1.50		\$87.00	\$130.50

GRANT WOODS - A

Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Carex normalis	Spreading Oval Sedge	2.25		\$242.00	\$544.50
Eupatorium rugosum (DF)	White Snakeroot	0.56		\$493.00	\$276.08
Heracleum maximum	Cow Parsnip	0.94		\$38.00	\$35.72
Solidago flexicaulus (DF)	Zig-Zag Goldenrod	0.75		\$2,080.00	\$1,560.00

GRANT WOODS - B

Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Elymus canadensis	Canada Wild Rye	15.00		\$14.00	\$210.00
Allium canadense	Wild Onion/Garlic	4.38		\$45.00	\$197.10
Eupatorium rugosum (DF)	White Snakeroot	1.31		\$493.00	\$645.83
Heracleum maximum	Cow Parsnip	2.19		\$38.00	\$83.22

WADSWORTH - CLEARING

Species	Common Name				
Bromus kalmii	Prairie Brome	5.47		\$48.00	\$262.56
Carex normalis	Spreading Oval Sedge	2.81		\$242.00	\$680.02
Elymus canadensis	Canada Wild Rye	25.00		\$14.00	\$350.00
Panicum virgatum	Switch Grass	0.31		\$15.20	\$4.71
Sorghastrum nutans	Indian Grass	0.47		\$8.00	\$3.76
Allium canadense	Wild Onion/Garlic	3.13		\$45.00	\$140.85
Aster lateriflorus (DF)	Side-Flowering Aster	0.31		\$272.00	\$84.32
Eupatorium rugosum (DF)	White Snakeroot	0.47		\$493.00	\$231.71
Heracleum maximum	Cow Parsnip	1.56		\$38.00	\$59.28
Solidago speciosa (DF)	Showy Goldenrod	0.31		\$217.60	\$67.46

GREENBELT

Species	Common Name				
Bromus kalmii	Prairie Brome	4.30		\$48.00	\$206.40
Elymus canadensis	Canada Wild Rye	75.00		\$14.00	\$1,050.00
Glyceria canadensis		1.40		\$288.00	\$403.20
Hierochloe odorata		1.40		\$1,020.00	\$1,428.00
Muhlenbergia mexicana	Leafy Satin Grass	0.40		\$240.00	\$96.00
Anemone canadense	Meadow Anemone	1.00		\$560.00	\$560.00
Aster laevis (DF)	Smooth Blue Aster	1.40		\$220.00	\$308.00
Astragalus canadense (DF)		2.80		\$95.20	\$266.56
Desmodium canadense (DH)		4.31		\$124.00	\$534.44
Parthenium integrifolium	Wild Quinine	4.31		\$97.00	\$418.07
Solidago speciosa (DF)	Showy Goldenrod	0.14		\$217.60	\$30.46

TOTAL LOW BIDS PER VENDOR

\$19,950.75

VAN PATTEN - UPLAND		SPENCE			
Species	Common Name	Quant. To Order	Tier 1?	PPU	Extension
Carex brevior	Plains Oval Sedge	7.50		\$59.00	\$442.50
Carex molesta	Field Oval Sedge	3.25		\$119.00	\$386.75
Elymus canadensis	Canada Wild Rye	20.00		\$14.00	\$280.00
VAN PATTEN - WET					
Species	Common Name				
Carex molesta	Field Oval Sedge	0.10		\$119.00	\$11.90
Lobelia cardinalis	Cardinal Flower	0.09		\$750.00	\$67.50
Lycopus americanus	Common Water Horehound	0.09		\$300.00	\$27.00
WADSWORTH - FARM					
Species	Common Name				
Carex annectens v. xanthoc.	Small Yellow Fox Sedge	3.75		\$119.00	\$446.25
Carex brevior	Plains Oval Sedge	5.63		\$59.00	\$332.17
Elymus canadensis	Canada Wild Rye	45.00		\$14.00	\$630.00
Coreopsis palmata	Prairie Coreopsis	0.94		\$300.00	\$282.00
ROLLINS - CREEK					
Species	Common Name				
Carex annectens	Large Yellow Fox Sedge	0.69		\$119.00	\$82.11
Carex comosa	Bristly Sedge	1.94		\$225.00	\$436.50
Carex granularis	Pale Sedge	2.00		\$104.00	\$208.00
Carex hystericina	Porcupine Sedge	2.00		\$119.00	\$238.00
Carex molesta	Field Oval Sedge	2.50		\$119.00	\$297.50
Eupatorium maculatum (DF)	Spotted Joe Pye Weed	0.25		\$224.00	\$56.00
Mimulus ringens	Monkey Flower	0.16		\$225.00	\$36.00
Physostegia virginiana	Obedient Plant	2.34		\$450.00	\$1,053.00
GRANT WOODS - A					
Species	Common Name				
Carex brevior	Plains Oval Sedge	2.81		\$59.00	\$165.79
Elymus canadensis	Canada Wild Rye	30.00		\$14.00	\$420.00
GRANT WOODS - B					
Species	Common Name				
Elymus canadensis	Canada Wild Rye	20.00		\$14.00	\$280.00
WADSWORTH - CLEARING					
Species	Common Name				
Carex annectens v. xanthoc.	Small Yellow Fox Sedge	0.78		\$119.00	\$92.82
Carex brevior	Plains Oval Sedge	4.69		\$59.00	\$276.71
Carex molesta	Field Oval Sedge	2.03		\$119.00	\$241.57
GREENBELT					
Species	Common Name				
Carex brevior	Plains Oval Sedge	2.80		\$59.00	\$165.20
Spartina pectinata		2.80		\$150.00	\$420.00
Coreopsis palmata	Prairie Coreopsis	2.88		\$300.00	\$864.00
Monarda fistulosa	Wild Bergamot	0.29		\$179.00	\$51.91

TOTAL LOW BIDS PER VENDOR

\$8,291.18

