



LAKE COUNTY FOREST PRESERVES
www.LCFPD.org

Preservation, Restoration, Education and Recreation

DATE: March 2, 2015

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

Agenda Item# 9.4

S. Michael Rummel, Chair
Finance and Administrative Committee

FROM: James L. Anderson, Director
Natural Resources Department

SUBJECT: Intergovernmental Agreements for Fort Sheridan Restoration Grant Funding

RECOMMENDATION: Recommend approval of a Resolution approving intergovernmental agreements with the City of Lake Forest and Openlands for Fort Sheridan restoration grant funding.

BACKGROUND: In 2014, the District applied for and was awarded grant monies from the U.S. Forest Service's State and Private Forestry Program for the purpose of performing landscape scale restoration work at the Fort Sheridan Forest Preserve. The District will take on the lead role in administering the grant and is partnering with the City of Lake Forest and Openlands to expand the scope of restoration efforts to properties owned by the City of Lake Forest and Openlands that are located adjacent to the Fort Sheridan Forest Preserve. The focus of the grant will be native tree and shrub planting. Intergovernmental agreements with the City of Lake Forest and with Openlands are necessary to use the grant funds to reimburse the City of Lake Forest and Openlands for restoration work completed on their properties.

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: The State and Private Forestry program grant awarded to the District will provide the District and partners with 46% of total project costs, which are estimated at \$276,280.00. Both City of Lake Forest and Openlands will be reimbursed \$6,000.00 each in grant funding through the District for completing their portion of grant activities. Actual costs will be charged to the Preserve Tree Planting Fund (29614100-803200-60010).

PRESENTER: James L. Anderson

STATE OF ILLINOIS)
) SS
 COUNTY OF LAKE)

**BOARD OF COMMISSIONERS
 LAKE COUNTY FOREST PRESERVE DISTRICT
 REGULAR MARCH MEETING
 MARCH 10, 2015**

MADAM PRESIDENT AND MEMBERS OF THE BOARD OF COMMISSIONERS:

Your **PLANNING AND RESTORATION COMMITTEE** and **FINANCE AND ADMINISTRATIVE COMMITTEE** present herewith "A Resolution Approving Intergovernmental Agreements with the City of Lake Forest and Openlands for Fort Sheridan Restoration Grant Funding," and request its adoption.

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

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

**A RESOLUTION APPROVING INTERGOVERNMENTAL AGREEMENTS WITH THE
CITY OF LAKE FOREST AND OPENLANDS FOR FORT SHERIDAN RESTORATION GRANT FUNDING**

WHEREAS, the Lake County Forest Preserve District (the "District") owns property known as Fort Sheridan Forest Preserve; and

WHEREAS, the City of Lake Forest and Openlands (the "Partners") own property adjacent to the Fort Sheridan Forest Preserve; and

WHEREAS, the District and the Partners desire to perform landscape scale restoration work (the "Work"), with a focus on native tree and shrub planting, on their respective properties; and

WHEREAS, in 2014 the U.S. Forest Service State and Private Forestry Program awarded grant funds (the "Grant") to the District for the performance of the Work; and

WHEREAS, pursuant to Section 10 of Article VII of the Illinois Constitution of 1970, units of local government, such as the District and the Partners, may contract or otherwise associate among themselves in any manner not prohibited by law or ordinance; and

WHEREAS, pursuant to the Intergovernmental Cooperation Act, 5 ILCS 220/1 et seq., any power, privilege, function, or authority exercised by a public agency, including the District and the Partners, may be exercised, combined, transferred, and enjoyed jointly with any other public agency to the extent not prohibited by law; and

WHEREAS, it is in the best interest of the District to enter into intergovernmental agreements (the "Agreements") with the Partners for the use of Grant funds to reimburse the Partners for portions of the Work;

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. Approval of the Agreements. The Agreements, in substantially the form attached hereto, are hereby approved. The Executive Director and Secretary of the District are hereby authorized to execute and attest to, respectively, the Agreements, in substantially the form attached hereto, on behalf of the District.

Section 3. 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 _____, 2015

AYES:

NAYS:

APPROVED this _____ day of _____, 2015

ATTEST:

Ann B. Maine, President
Lake County Forest Preserve District

Julie A. Gragnani, Secretary
Lake County Forest Preserve District

Exhibit _____

AGREEMENT
between the
LAKE COUNTY FOREST PRESERVE DISTRICT
and the
CITY OF LAKE FOREST
related to the
US FOREST SERVICE, STATE AND PRIVATE FORESTRY GRANT

THIS AGREEMENT is by and between the LAKE COUNTY FOREST PRESERVE DISTRICT, 1899 West Winchester Road, Libertyville, Illinois 60048 (the "DISTRICT") and the CITY OF LAKE FOREST, 800 NORTH FIELD DRIVE, LAKE FOREST, ILLINOIS 60045 ("PARTNER") and is entered into as of the date upon it has been executed by both DISTRICT and PARTNER, as indicated by their signatures below (the "EXECUTION DATE").

PURPOSE

This Agreement between the DISTRICT and PARTNER describes the parties' cooperation in the US Forest Service, Northeast Area State and Private Forestry (NASPF) grant project, which is described in the project narrative for the full grant proposal titled "Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan" attached to this Agreement as Attachment A (the "PROJECT"). The PROJECT will include planting of native trees and shrubs within the project area, including on PARTNER lands. Under the terms of the NASPF grant agreement with the DISTRICT ("GRANT AGREEMENT"), the value of a portion of (i) the PROJECT coordination, oversight, and other in-kind services on or related to PARTNER lands performed by the PARTNER and (ii) certain other contributions made by the PARTNER related to the PROJECT (collectively, "IN-KIND CONTRIBUTIONS") can be used as a match towards the local contribution that is required by the GRANT AGREEMENT. The PROJECT is mutually beneficial for both the DISTRICT and PARTNER.

TERMS AND CONDITIONS

1. The duration of the PROJECT is 10/1/2014 to 12/31/2016.
2. The DISTRICT will administer the GRANT AGREEMENT.
3. PARTNER shall provide IN-KIND CONTRIBUTIONS, to be used as part of the local contribution that is required by the GRANT AGREEMENT ("PARTNER'S CONTRIBUTION"), with a total value of not less than \$6,000.00.
4. To fulfill its obligation to provide the PARTNER'S CONTRIBUTION, PARTNER shall, during the PROJECT DURATION, (i) perform any necessary site work to prepare planting areas for tree/shrub installation (includes clearing if necessary), (ii) install 75 trees as specified in the plan (see Attachment A), and (iii) maintain trees as necessary to ensure survival, includes but not limited to: mulching, watering, and wildlife protection.
5. PARTNER will deliver to the DISTRICT a written Request for Reimbursement of costs upon completion of approved PARTNER work. Requests for Reimbursement can be submitted to the DISTRICT as frequently as quarterly, but no less than once per year, unless otherwise approved by the DISTRICT. Copies of all source documents which provide evidence of expenditures paid for, including such items as canceled checks,

purchase orders, invoices, or other evidence of paid bills shall be submitted with this request. The DISTRICT shall not pay any amount for expenses or labor not specified for the PARTNER work. PARTNER's indirect costs shall not be reimbursable under this agreement. Reimbursement to PARTNER shall be processed within 60 days of receipt of the reimbursement request. Reimbursement shall be made to the PARTNER via check. PARTNER shall be reimbursed a total of \$5,000.00 in financial assistance upon successful completion of PARTNER work.

6. Notwithstanding any other provision of this Contract and without prejudice to any of DISTRICT's other rights or remedies, DISTRICT shall have the right at any time or times, whether before or after approval of any Pay Request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Agreement such amount as may reasonably appear necessary, up to twenty percent of the Federal Assistance, until PARTNER shall have satisfactorily completed the work of this project and supplied all necessary reports (Performance and Financial Reports – see paragraphs 7 – 9 below) to DISTRICT.
7. PARTNER shall submit an Interim Performance Report to the DISTRICT by December 15th of each year (2015, 2016) in the form provided in Attachment C. In the first Interim Performance Report, PARTNER shall summarize the PARTNER WORK accomplished from the EXECUTION DATE to the first Interim Performance reporting date. In the second Interim Performance Reports, PARTNER shall summarize the PARTNER WORK accomplished since the first Interim Performance Report was submitted. In the Interim Performance Report, PARTNER shall (i) include a narrative and photos describing the accomplishments and anticipated future PARTNER WORK, (ii) use English units of measure, and (iii) and use terms understandable to the lay population.
8. PARTNER shall submit an Annual Financial Report (in the form provided in Attachment C) to the DISTRICT by October 1st of each year (2015 and 2016) which shall cover expenditures from the previous federal fiscal year (October 1 – September 30). In the Annual Financial Report, PARTNER shall include information on all IN-KIND CONTRIBUTIONS that the PARTNER has made prior to the reporting date.
9. PARTNER shall submit a Final Performance and Financial Report (in the form provided in Attachment C) to the DISTRICT no later than December 31, 2016. In the Final Report, PARTNER shall (i) describe all PARTNER WORK, including all accomplishments, outcomes, and expenditures for the PARTNER WORK and including a narrative, and before and after photos, (ii) fully document PARTNER's completion of the PARTNER WORK and proof of PARTNER'S expenditures, (iii) use English units of measure, and (iv) use terms understandable to the lay population.
10. This AGREEMENT may be amended only with the written approval of both parties.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed, as evidenced by the signatures of their duly authorized representative as affixed below.

**LAKE COUNTY FOREST PRESERVE
DISTRICT:**

CITY OF LAKE FOREST

Alex Ty Kovach, Executive Director

Robert r. Kiely, Jr., City Manager

Date: _____

Date: _____

Attachment A

Full Proposal Project Narrative

**State and Private Forestry
FY 2014 Northeastern Area Competitive
Resource Allocation
Project Proposal**

Administration Information:			
Proposal Number:			
State:	IL	RFP Category:	1
Funds Requested:		\$ 126,140.00	
Match:		\$ 150,140.00	

Applicant Information				
1	Project Applicant:	Lake County Forest Preserves		
	Contact Person:	Matt Ueltzen		
	Address:	1899 West Winchester Road		
	City:	Libertyville	State:	IL
			Zipcode:	60048-5367
	Phone:	(847) 968-3290	Email:	muelzen@lcpd.org
	Spatial Data Coordinator:	(SMART data entry)		

Project Information				
2	Descriptive Title of Project:	Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan		
	Project Technical Contact:	Matt Ueltzen		
	Project Duration:	<input type="radio"/> One Year	<input type="radio"/> Two Years	<input checked="" type="radio"/> Three Years
	RFP Category (select one):	<input checked="" type="radio"/> 'Redesign'		<input type="radio"/> Hazard Mitigation
	Land Ownership Type:	<input type="checkbox"/> Private	<input type="checkbox"/> Federal	<input type="checkbox"/> State
		<input checked="" type="checkbox"/> Other:	County	
	Letters of Support*:	State Forester(s):		Other:
	List Partner Organizations:	State	Partner	
	Partner 2:	IL	The City of Lake Forest	
	Partner 3:	IL	Lake Forest Open Lands Association	
Partner 4:	IL	Openlands		
Partner 5:				
Partner 6:				
Partner 7:				
Partner 8:				
Partner 9:				

* Note, Concurrence of the state forester is required for any state within which funds are to be received or work is to be performed.

Project Overview (Redesign and Forest Fire Hazard Mitigation Proposals)

2000 Characters Including Spaces – Provide a comprehensive but succinct overview of the proposed project that includes basic details of who is doing what, where, and why (in context of elsewhere documented need). Address the project's suitability as the most appropriate scale of response (local, statewide, multi-state or national) to the issue being addressed.

Lake County Forest Preserve District (District) and partners will address the Illinois Forest Action Plan issues of forest fragmentation and decline of oak dominance by planting a diverse assemblage of 2880+ native trees (primarily oaks; 88% of larger trees) and shrubs as part of an 140-acre oak woodland restoration project. The project area lies within a priority urban forest landscape located within and adjacent to Fort Sheridan Forest Preserve. This project will help connect over 410 acres of protected, forested Lake Michigan ravine and bluffs communities, noted for their floristic diversity and state-protected plant species, and increase available nesting habitat for forest birds and stop-over habitat for all migratory birds. Planting young cohorts of oaks now will help mediate a lack of oak regeneration and increase oak-dominance, as well as future tree recruitment. The project areas are part of a highly visited, historic preserve with existing public access, providing significant opportunities to engage the public about the importance of trees and urban forest conservation.

3

Working with the proposed partners will reduce edge effects and allow for larger, landscape scale, management of this woodland across political/management boundaries. While local in scope, this project has great regional importance for oak ecosystem recovery and conservation of rare plants and wildlife.

Budget Table Explanation

500 Characters Including Spaces – Provide any additional remarks needed to clarify your budget request. For example, provide an explanation if you have a partner contributing funds to cover construction or other federally unallowable portions of your project.

This project has multiple partners working in additional project areas adjacent to the applicant's site. Partner matching funds have been entered in the "Other Contributor's" column. Additional budget information is included in the supplemental materials. Personnel costs have been kept to a minimum and reflect only time needed to perform public bidding, purchasing, and project oversight. \$15K has been added to Applicant "contractual" column (match) for ongoing site invasive species management.

4

FY 2014 NORTHEASTERN AREA STATE AND PRIVATE FORESTRY RFP
LAKE COUNTY FOREST PRESERVES PROPOSAL
PROJECT TITLE: "RECONNECTING URBAN FORESTS: OAK WOODLAND RESTORATION NEAR LAKE MICHIGAN"
PROJECT BUDGET

	Project Lead: Lake County Forest Preserves	Project Partner: City of Lake Forest/ Lake Forest Openlands	Project Partner: Openlands	TOTAL: ALL PARTNERS
Mulch	\$16,800.00			\$16,800.00
Tree Protection Installation	\$2,200.00	\$4,000.00	\$500.00	\$2,700.00
Trees and Shrubs	\$102,720.00	\$4,000.00	\$2,500.00	\$109,220.00
Mow Fields Prior to Planting and After Year 1	\$76,760.00	\$4,000.00	\$5,000.00	\$85,760.00
Watering Contract (Year 2)	\$2,800.00			\$2,800.00
Watering Contract (Year 2)	\$31,000.00	\$2,000.00	\$2,000.00	\$35,000.00
Partner Total	\$232,280.00	\$10,000.00	\$10,000.00	\$252,280.00
Additional Actions (Counted as Match)				
Project Oversight (Field and Office e.g. bidding, purchasing, planning, monitoring and reporting)	\$7,000.00	\$1,000.00	\$1,000.00	\$9,000.00
Invasive Species Control (Contractual)	\$15,000.00			\$15,000.00
PROJECT TOTALS	\$254,280.00	\$11,000.00	\$11,000.00	\$276,280.00

Total Supplies (Trees, Shrubs, Mulch, Tree Protection):	\$95,760.00	\$4,000.00	\$5,500.00	\$105,260.00
Total Contractual (Installation, Mowing, and Watering): *	\$136,520.00	\$6,000.00	\$4,500.00	\$147,020.00

	Proposed Grant Funding	MATCH		TOTAL
		LCFPD	CLF/LFOLA Openlands	
Personnel/Labor	\$0.00	\$7,000.00	\$1,000.00	\$9,000.00
Supplies	\$52,630.00	\$47,880.00	\$2,000.00	\$105,260.00
Contractual	\$73,510.00	\$89,260.00 **	\$2,250.00	\$162,020.00
Total	\$126,140.00	\$138,140.00	\$6,000.00	\$276,280.00

* Invasive Species Control not included in this figure as it is considered for Match

** Match amount includes Invasive Species Control Contractual

Overall Project Budget						
	Grant Federal Funds Requested	Leverage ¹			Source 3 rd Party Contributor/s (name)	TOTAL Total Project Cost
		Applicant	Non-Federal Match Other Contributor/s	Non-Match Applicant, Non-Federal, and/or Federal		
Personnel / Labor:		\$ 7,000.00	\$ 2,000.00			\$ 9,000.00
Fringe Benefits:						\$ 0.00
Travel:						\$ 0.00
Equipment:						\$ 0.00
Supplies:	\$ 52,630.00	\$ 47,880.00	\$ 4,750.00			\$ 105,260.00
Contractual:	\$ 73,510.00	\$ 83,260.00	\$ 5,250.00			\$ 162,020.00
Construction:						\$ 0.00
Other:						\$ 0.00
Indirect Costs ² :						\$ 0.00
TOTAL:	\$ 126,140.00	\$ 138,140.00	\$ 12,000.00	\$ 0.00		\$ 276,280.00

If any part of your match requirement is being covered through a consolidated payment grant (CPG) please enter dollar value here: \$ []

¹ Funds qualifying as "match" must meet the same program requirements as grant funds (e.g., program authorities, non-federal sources). Other "non-match" leveraged funds do not need to meet the same standards (e.g., may include funds for construction, funds from other federal partners). Partnership with other USFS programs outside of State & Private Forestry, as well as other federal and state programs is encouraged. See FAQ online for more information: <http://na.is.fed.us/rfp/>
² Indirect costs must be tied to an established rate. Waived indirect costs are an acceptable source of match.

**State and Private Forestry
 FY 2014 Northeastern Area Competitive Resource Allocation
 Project Proposal Supplement 1 – Partner Budget Table**

Project Title:	Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan Applicant: Lake County Forest Preserves			State:	IL	
	Partner:	City of Lake Forest (Lake Forest Open Lands Association will assist in future management and is listed as a partner, but will not contribute financially)				
Leverage ¹						
Funds Requested	Grant	Non-Federal Match		Non-Match	Source	TOTAL
		Applicant	Other Contributors	Applicant, Non-Federal, and/or Federal	3 rd Party Contributor/s	
Personnel / Labor:		\$ 7,000.00	\$ 2,000.00			\$ 1,000.00
Fringe Benefits:						\$ 0.00
Travel:						\$ 0.00
Equipment:						\$ 0.00
Supplies:		\$ 47,880.00	\$ 4,750.00			\$ 2,000.00
Contractual:		\$ 83,260.00	\$ 5,250.00			\$ 3,000.00
Construction:						\$ 0.00
Other:						\$ 0.00
Indirect Costs ² :						\$ 0.00
TOTAL:		\$ 138,140.00	\$ 12,000.00	\$ 0.00		\$ 6,000.00

¹ Funds qualifying as "match" must meet the same program requirements as grant funds (e.g., program authorities, non-federal sources). Other "non-match" leveraged funds do not need to meet the same standards (e.g., may include funds for construction, funds from other federal partners). Partnership with other USFS programs outside of State & Private Forestry, as well as other federal and state programs is encouraged. See FAQ online for more information: <http://na.fs.fed.us/rff/>

² Indirect costs must be tied to an established rate. Waived indirect costs are an acceptable source of match.

**State and Private Forestry
 FY 2014 Northeastern Area Competitive Resource Allocation
 Project Proposal Supplement 1 – Partner Budget Table**

Project Title:	Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan Applicant: Lake County Forest Preserves				
	Partner:	City of Lake Forest (Lake Forest Open Lands Association will assist in future management and is listed as a partner, but will not contribute financially)			
		State: IL			
Leverage¹					
Grant	Non-Federal Match		Source	TOTAL	
	Funds Requested	Applicant			Other Contributors
Personnel / Labor:		\$ 7,000.00	\$ 2,000.00		\$ 1,000.00
Fringe Benefits:					\$ 0.00
Travel:					\$ 0.00
Equipment:					\$ 0.00
Supplies:		\$ 47,880.00	\$ 4,750.00		\$ 2,000.00
Contractual:		\$ 83,260.00	\$ 5,250.00		\$ 3,000.00
Construction:					\$ 0.00
Other:					\$ 0.00
Indirect Costs ² :					\$ 0.00
TOTAL:		\$ 138,140.00	\$ 12,000.00	\$ 0.00	\$ 6,000.00

¹ Funds qualifying as "match" must meet the same program requirements as grant funds (e.g., program authorities, non-federal sources). Other "non-match" leveraged funds do not need to meet the same standards (e.g., may include funds for construction, funds from other federal partners). Partnership with other USFS programs outside of State & Private Forestry, as well as other federal and state programs is encouraged. See FAQ online for more information: <http://na.fs.fed.us/rff/>
² Indirect costs must be tied to an established rate. Waived indirect costs are an acceptable source of match.

Sections 5 – 8 to be completed for ‘Redesign’ Proposals Only

	(Redesign Proposals Only) Desired Future Condition (25 points)
	<p>2,500 Characters Including Spaces – Identify how the project addresses a priority in the Forest Action Plan and leads to a desired future condition as described in the Request for Proposals.</p>
5	<p>The goals of this project directly address priority issues of the Illinois Forest Action Plan.</p> <p>1) THREAT: Changing Forest Landscape GOAL: Reduce fragmentation of coastal ravines to provide increased habitat for wildlife, corridors for wildlife migration and dispersal, and increased suitable habitat for rare species. Proposed Actions: Strategic planting and maintenance of saplings and young trees will provide for future canopy structure on the plateau between two high quality ravines, helping reconnect over 350 acres of forested land and restoring regionally rare oak woodland. Planting of native shrubs will increase structural diversity and provide critical habitat for wildlife.</p> <p>2) THREAT: Decline of Oak Dominance GOAL: Increase the abundance and distribution of oaks where regeneration is lacking. Proposed Actions: Planting a diverse assemblage of trees dominated by oaks. Our planting plan specifies oaks make up 87% of all canopy trees planted. High quality multi-aged oak stock from local nurseries will be planted with proven methods, maintained with watering and deer protection. Increasing the number of healthy oaks in locations where they are currently not growing will increase the population size of future acorn-producing trees, leading to greater local dispersal and recruitment.</p> <p>3) THREAT: Forest Health Decline GOAL: Reduce the abundance of invasive plants and mitigate the habitat loss anticipated from Emerald Ash Borer (EAB) Proposed Actions: Invasive plant management has been ongoing since 2005 when aggressive action was taken to remove invasive shrubs from the ravines. However, invasive shrubs still grow on the plateau between the ravines. This project will allow for the cutting and herbiciding of invasive shrubs in the 80 acre project area, completing the initial removal efforts within the preserve. Ash are present within limited portions of the project area and are impacted by EAB. Tree planting will help mitigate the impact resulting from the loss of canopy ash.</p> <p>An addendum to the Illinois Forest Action Plan was recently published addressing Urban and Community Forestry. As proposed, this project would address several priorities and action items found within the addendum: Improve and Expand Forest Composition and Health; Achieve Widespread Illinois Urban Forestry Sustainability and Management; Education and Training for Professionals and Non-professionals; Urban Forest Plants, Insect and Disease Invasive Species Awareness and Management.</p>

(Redesign Proposals Only)	
Measurable Results and Significant On-The-Ground Outcomes (35 points)	
Measure (identify measures applicable under the following National Themes)	Number of units expected
<i>Conserving and Managing Working Forest Landscapes</i>	
Restore high priority oak woodland habitats in urbanized area	140 Acres
Habitats with increased connectivity through reduced fragmentation	410 Acres
Planting native oaks	Over 1,000 Oaks
Planting of native trees (non-oaks) and shrubs	Over 1,800 Trees/Shrubs
<i>Protect Forests from Threats</i>	
Control invasive species establishment in planting areas via mowing/herbicide treatments	~100 Acres
Control invasive species within and adjacent to project areas through season-long contractual labor	~350 hours of control labor
<i>Enhance Public Benefits from Private Forests</i>	
Annual functional value of trees based on size of plants at time of installation*	\$5,954.00
Reduced run-off: Total gallons of water intercepted annually*	23,165 Gallons
Improved air quality: Pounds of carbon sequestered annually*	20,943 Pounds of Carbon
Protect and enhance wildlife habitat, especially for birds	140 Acres / 66 Bird Species
Enhance/increase potential habitat for area-sensitive bird species	24 Area-Sensitive Bird Species
Increase potential habitat for site's rare plant species	2 State Endangered Plants
	4 State Threatened Plants
Increase public awareness of native plants/plant selection/ proper planting techniques via Arbor Day events	2 Arbor Day Events in 2015 & 2016
* Based on data from national Tree Benefit Calculator from Arbor Day Foundation	

6

(Redesign Proposals Only)

Collaboration and Integrated Delivery that Influence Positive Change (20 Points)

2,500 Characters Including Spaces –Describe how reaching the goals and achievements of the project will affect positive changes on the ground as described in the Request for Proposals

The project area was chosen based on its regional significance and public accessibility. For example, Chicago Wilderness, a regional alliance of more than 260 organizations recommended this preserve as a Resource Protection Area. Ecological outcomes of this project include: restoration of 140 acres of woodland, reconnection of 410 acres of forested communities, increased habitat for six state-protected plant species found near the project area, increased opportunities for migratory bird stop-over, and increased habitat for the 66 bird species known from the site. Reducing the abundance of invasive plants across 140 acres will improve the floristic quality and health of the forested communities throughout the preserve. Further, increased connectivity of different habitat types (forested ravine, lake bluff, beach, and woodland plateau) will create a mosaic of habitat and corridors for plant and animal movement. This project also addresses Actions 1, 2, 6, & 7 of the Forests Campaign and Actions 1, 2, 5, & 6 of the Green Cities Campaign of the Illinois Wildlife Action Plan.

7 Because this project area is located within an urbanized area of high population density (Lake County is the 3rd most populous county in IL with more than 706,000 residents), there are great opportunities to educate residents and visitors about the importance of trees and forest community restoration. The local community will benefit from access to the active woodland restoration area, having increased opportunities for wildlife viewing. The existing trail system, which winds through the project area, will bring the woodland to the public. As a way to further reach out to the public, two Arbor Day events in 2015 and 2016 will be conducted, providing educational materials on trees, demonstrating proper planting techniques, offering tree selection advice and information on forest health issues, such as invasive species and EAB to an estimated 60 Lake County residents each year.

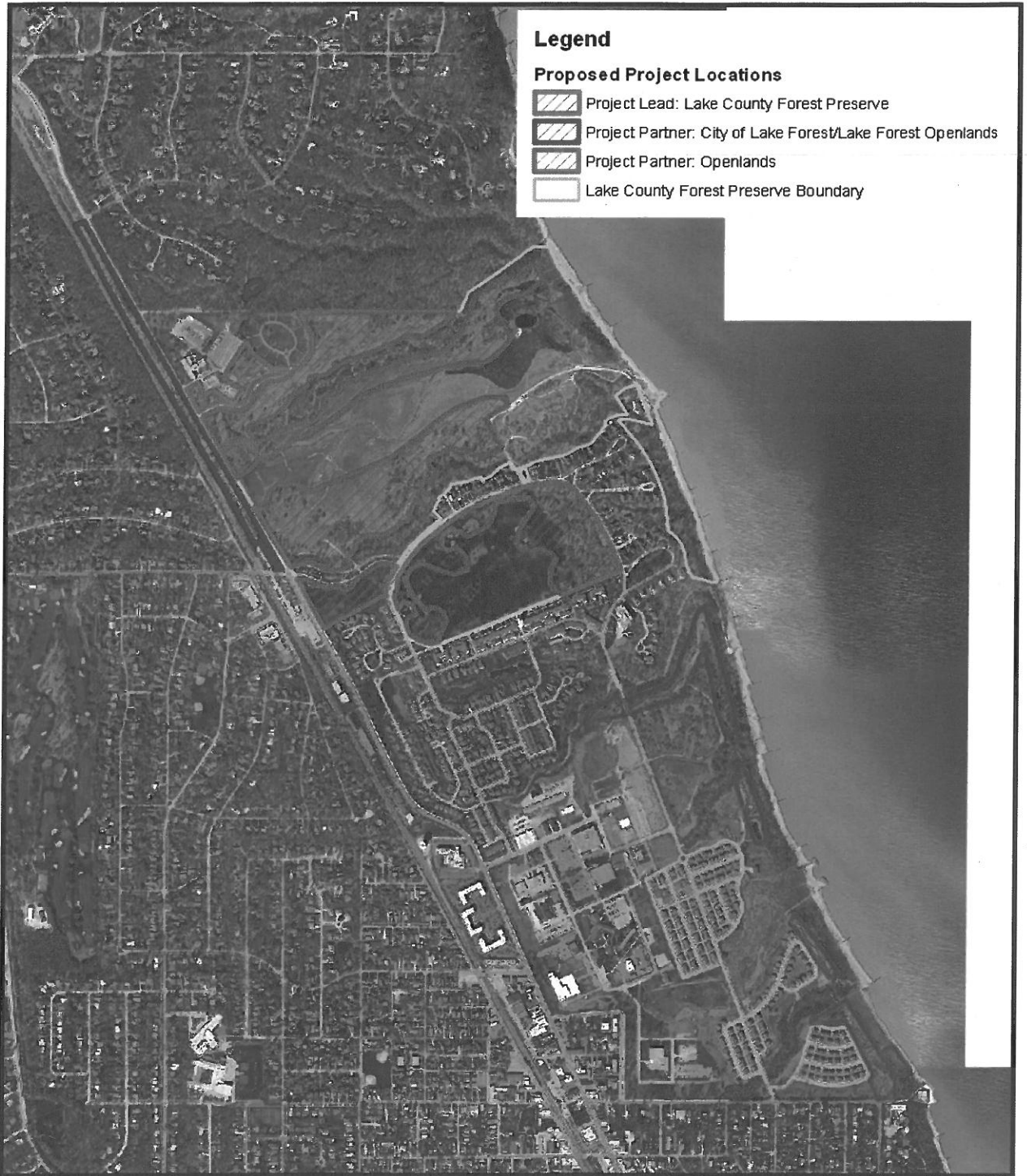
The Lake County Forest Preserve has more than 25 years of experience restoring native lands. That knowledge and experience, combined with the efforts of The City of Lake Forest, Lake Forest Openlands Association, and Openlands offers great opportunity to preserve and restore these rare wooded habitats along Lake Michigan to increase the functional size of this habitat across property boundaries.

(Redesign Proposals Only) Leverage (20 Points)

2,500 Characters Including Spaces – Describe how project will maximize funding by using it to leverage contributions as described in the Request for Proposals.

The Lake County Forest Preserve District has successfully implemented tree and shrub planting projects for over 25 years. Although funds are budgeted annually for these efforts, our current budget is insufficient to address all priority areas, especially large sites, such as this. Funding from this grant will allow the District to address planting in a high priority landscape that is currently not fully funded. Grant funds will be leveraged by a greater than 1:1 match allowing over \$2.00 to be spent for every Federal dollar allocated to this project. No additional funds for administrative or technical expertise are requested. The District will keep project costs to a minimum by providing all grant administration, contract bidding/oversight, as well as community outreach, and can provide all the technical expertise required to successfully plan and implement the project. Inhouse labor may be utilized or qualified, skilled, contractual labor will be solicited through a competitive bid process to complete the planting, watering, mulching and invasive plant control actions. Competitive bids will ensure the lowest qualified bidders for all labor and materials resulting in an estimated cost of less than \$88 per tree/shrub (when all of the proposed actions are considered). This amount accounts for the purchase of the tree/shrub, labor to plant the material, mulch and labor to apply the mulch, tree protection materials (and installation) for the larger trees to guard against deer damage, one year of watering treatments post-planting, and mowing of the project site for two consecutive years to reduce competition. To ensure a vigorous fibrous root system that will decrease planting shock and maintenance, thereby increasing survivorship and growth, all material to be planted shall be grown in RootMaker® System containers. This method may increase the cost of plant material slightly, but has shown a greater success rate with greater root development, water absorption, and vigor. More than 96% of the funds outlined in the proposed grant project budget will be utilized for on-the-ground actions.

8



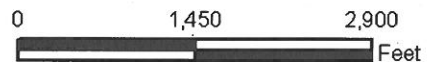
Legend

Proposed Project Locations

-  Project Lead: Lake County Forest Preserve
-  Project Partner: City of Lake Forest/Lake Forest Openlands
-  Project Partner: Openlands
-  Lake County Forest Preserve Boundary



FY2014 Northeast Area State And Private Forestry Competitive Allocation RFP
Project Title: Reconnecting Urban Forests: Oak Woodland Restoration
Near Lake Michigan
Applicant: Lake County Forest Preserves



FY 2014 NORTHEASTERN AREA STATE AND PRIVATE FORESTRY REF
 LAKE COUNTY FOREST PRESERVES PROPOSAL
 PROJECT TITLE: "RECONNECTING URBAN FORESTS: OAK WOODLAND RESTORATION NEAR LAKE MICHIGAN"
 PROPOSED SPECIES ORDER LIST BY MATERIAL SIZE

Species	Totals	#	5-Gallon Cost	Ext.	1-inch Cost	Ext.	#	1.25-inch Cost	Ext.	#	1.75-inch Cost	Ext.
Trees												
Betula papyrifera (Paper Birch)	9	9	\$17.00	\$153.00								
Carya cordiformis (Yellowbud Hickory)	12	12	\$15.00	\$180.00								
Carya ovata (Shagbark Hickory)	84	84	\$15.00	\$1,260.00								
Celtis occidentalis (Hackberry)	10	6	\$15.00	\$90.00			4	\$60.00	\$240.00			
Juglans cinerea (Butternut)	18	10	\$17.00	\$170.00			8	\$75.00	\$600.00			
Pinus strobus (White Pine)	5	5	\$60.00	\$300.00			5	\$60.00	\$300.00			
Populus grandidentata (Large-toothed Aspen)	6	6	\$14.00	\$84.00								
Populus tremuloides (Quaking Aspen)	2	2	\$14.00	\$28.00								
Prunus serotina (Black Cherry)	6	6	\$12.00	\$72.00								
Quercus alba (White Oak)	646	64	\$12.00	\$768.00			388	\$5.00	\$1,940.00	131	\$75.00	\$9,825.00
Quercus bicolor (Swamp White Oak)	8	8	\$12.00	\$96.00			40	\$5.00	\$200.00	11	\$80.00	\$880.00
Quercus coccinea/epedalis (Scarlet/Hill Oak)	56	5	\$15.00	\$75.00			5	\$50.00	\$250.00	5	\$95.00	\$475.00
Quercus imbricaria (Single Oak)	20	5	\$15.00	\$75.00			56	\$5.00	\$280.00	30	\$75.00	\$2,250.00
Quercus macrocarpa (Bur Oak)	116	11	\$12.00	\$132.00			95	\$55.00	\$5,225.00	30	\$75.00	\$2,250.00
Quercus rubra (Red Oak)	162	15	\$15.00	\$225.00			58	\$50.00	\$2,900.00	14	\$75.00	\$1,050.00
Quercus velutina (Black Oak)	91	9	\$11.00	\$99.00			609	\$50.00	\$30,450.00	221	\$125.00	\$27,625.00
Tree Total	1221	252	\$3487.00	\$37,215.00	609	\$37,215.00	139	\$16,655.00	\$16,655.00	139	\$10,000.00	\$11,160.00
Shrubs												
Amelanchier laevis (Allegheny Shadbowl)	21	21	\$12.00	\$252.00								
Anonia melanocarpa (Chokeberry)	14	14	\$15.00	\$210.00								
Carpinus caroliniana (Musklewood)	32	32	\$11.00	\$352.00								
Celastrus scandens (Bittersweet)	90	30	\$10.00	\$300.00			7	\$55.00	\$385.00			
Cercis canadensis (Redbud)	7	7	\$11.00	\$77.00								
Cornus obliqua (Silly Dogwood)	12	12	\$12.00	\$144.00								
Cornus stolonifera (Red Ovier Dogwood)	15	15	\$10.00	\$150.00								
Corylus americana (Hazelnut)	221	221	\$10.00	\$2,210.00								
Crataegus coccinea (Scarlet Hawthorn)	14	14	\$13.00	\$182.00								
Crataegus cni-segali (Cockspur Hawthorn)	32	32	\$12.00	\$384.00								
Crataegus mollis (Downy Hawthorn)	81	81	\$13.00	\$1,053.00								
Crataegus punctata (Dotted Hawthorn)	12	12	\$13.00	\$156.00								
Dierwilla lonicera (Dwarf Honeysuckle)	25	25	\$13.00	\$325.00								
Gaylussacia baccata (Huckleberry)	9	9	\$16.00	\$144.00								
Hemathelis virginiana (Witch Hazel)	62	62	\$11.00	\$682.00								
Lindera benton (Spicebush)	5	5	\$11.00	\$55.00								
Lonicera proclivifera (Yellow Honeycudde)	110	110	\$14.00	\$1,540.00								
Malus ceras (Iowa Crab)	32	32	\$14.00	\$448.00								
Ostrya virginiana (Ironwood)	46	46	\$14.00	\$644.00								
Physocarpus opulifolius (Ninebark)	3	3	\$11.00	\$33.00								
Prunus americana (Wild Plum)	52	52	\$12.00	\$624.00								
Prunus virginiana (Chokecherry)	191	191	\$10.00	\$1,910.00								
Ptelea trifoliata (Water Ash)	5	5	\$10.00	\$50.00								
Rhus glabra (Smooth Sumac)	3	3	\$10.00	\$30.00								
Rhus typhina (Cockspur Sumac)	10	10	\$15.00	\$150.00								
Ribes nigrum (Wild Gooseberry)	189	189	\$11.00	\$2,079.00								
Rosa blanda (Smooth Rose)	17	17	\$11.00	\$187.00								
Rosa carolina (Parson's Rose)	32	32	\$11.00	\$352.00								
Rosa setigera (Illinois Rose)	28	28	\$12.00	\$336.00								
Sambucus canadensis (Elderberry)	33	33	\$10.00	\$330.00								
Sassafras albidum (Sassafras)	24	11	\$17.00	\$187.00			12	\$55.00	\$660.00			
Staphylea trifolia (Bladdernut)	11	11	\$17.00	\$187.00								
Viburnum acerifolium (Maple-leaved Viburnum)	42	42	\$17.00	\$714.00								
Viburnum lentago (Nannyberry)	84	84	\$17.00	\$1,428.00								
Viburnum prunifolium (Black Hax)	71	71	\$12.00	\$852.00								
Viburnum rafinesquianum (Downy Arrowwood)	26	26	\$15.00	\$390.00								
Xanthoxylum americanum (Prickly Ash)	9	9	\$15.00	\$135.00								
Shrub Total	1865	1046	\$15,197.00	\$15,197.00	19	\$1,045.00	19	\$1,045.00	\$1,045.00			

Project Total Pieces	2886
TOTAL COST (plant material only)	\$85,759.00
Total 5-Gallon on Trees and Shrubs	1898
Total Larger Trees (all sizes)	968

FI 2014 NORTH-EASTERN AREA STATE AND PRIVATE FORESTRY REP
LAKE COUNTY FORESTRY PRESERVES PROPOSAL
PROJECT TITLE: "RECONNECTING URBAN FORESTS, OAK WOODLAND RESTORATION NEAR LAKE MICHIGAN"
SPECIES LIST BY AREA

Species	1836 378 Woodland Habitat		1836 419 Woodland Habitat		1836 401 Woodland Habitat		1836 464 Woodland Habitat		1836 484 Woodland Habitat		1836 492 Open Space		Total	Total Oak: 1089 BMR
	Area (Acres)	% Cover	Area (Acres)	% Cover	Area (Acres)	% Cover	Area (Acres)	% Cover	Area (Acres)	% Cover	Area (Acres)	% Cover		
<i>Asplenium platyneuron</i> (Paper Birch)	30	706.5	0	0	0	0	0	0	0	0	0	0	30	706.5
<i>Carya cordiformis</i> (White-barked Hickory)	35	864.5	6	57.69	2	23.12	0	0	2	103.25	0	0	43	1068.25
<i>Carya ovata</i> (P. oregonensis)	35	864.5	23	18.62	25	17.62	0	0	7	44.5	0	0	61	1546.25
<i>Celtis occidentalis</i> (Hackberry)	45	1090.5	2	31.75	2	31.75	0	0	0	0	0	0	4	1000.5
<i>Pinus strobus</i> (White Pine)	45	1090.5	5	74.61	10	51.25	0	0	0	0	0	0	15	3761.25
<i>Populus grandidentata</i> (Large-toothed Aspen)	40	980.5	2	23.12	2	23.12	0	0	0	0	0	0	4	980.5
<i>Populus tremuloides</i> (Quaking Aspen)	20	500.5	2	13.12	2	13.12	0	0	1	31.75	0	0	5	1266.25
<i>Pinus strobus</i> (White Pine)	35	864.5	2	13.12	2	13.12	0	0	0	0	0	0	4	864.5
<i>Pinus strobus</i> (White Pine)	65	1610.5	127	151.62	200	69.74	18	431.16	56	1177.75	40	1130.4	340	8426.25
<i>Quercus bicolor</i> (White Oak)	65	1610.5	4	43.54	6	93.74	4	83.58	12	1070.5	0	0	26	6506.25
<i>Quercus prinus</i> (Red Oak)	45	1090.5	4	43.54	10	130.67	0	0	0	0	11	1746.5	25	6243.25
<i>Quercus macrocarpa</i> (Bur Oak)	65	1610.5	9	294.42	20	332.25	18	530.66	4	1334.5	25	8291.42	56	14000.25
<i>Quercus alba</i> (Red Oak)	60	1500.5	20	79.17	45	127.18	9	25.94	9	25.94	0	0	34	8530.25
<i>Prunella americana</i> (Black Cherry)	75	1875.5	2	13.12	2	13.12	0	0	0	0	0	0	4	1000.5
Total	185	4623.25	185	62.92	340	60.6	40	103.25	68	171.75	11	283.25	328	8189.25
<i>Asplenium platyneuron</i> (Paper Birch)	20	500.5	0	0	0	0	0	0	0	0	0	0	20	500.5
<i>Carya cordiformis</i> (White-barked Hickory)	35	864.5	6	18.84	5	15.76	0	0	2	6.38	0	0	13	3246.25
<i>Carya ovata</i> (P. oregonensis)	35	864.5	6	71.57	6	69.74	0	0	0	0	0	0	12	3066.25
<i>Celtis occidentalis</i> (Hackberry)	45	1090.5	21	63.96	45	132.25	0	0	9	123.64	0	0	75	1875.5
<i>Pinus strobus</i> (White Pine)	10	250.5	3	23.54	3	23.54	0	0	0	0	0	0	6	1500.5
<i>Populus grandidentata</i> (Large-toothed Aspen)	10	250.5	0	0	0	0	0	0	0	0	0	0	0	250.5
<i>Populus tremuloides</i> (Quaking Aspen)	7	1750.5	0	0	0	0	0	0	0	0	0	0	0	1750.5
<i>Pinus strobus</i> (White Pine)	30	750.5	62	187.37	10	103.25	13	393.77	18	451.16	13	332.25	116	2906.25
<i>Quercus bicolor</i> (White Oak)	32.5	8125.25	0	0	0	0	0	0	0	0	0	0	32.5	8125.25
<i>Quercus prinus</i> (Red Oak)	20	500.5	0	0	0	0	0	0	0	0	0	0	20	500.5
<i>Quercus macrocarpa</i> (Bur Oak)	30	750.5	0	0	0	0	0	0	0	0	0	0	30	750.5
<i>Quercus alba</i> (Red Oak)	3	750.5	0	0	0	0	0	0	0	0	0	0	3	750.5
<i>Hamamelis virginiana</i> (Witch Hazel)	12.5	312.625	12	1471.875	18	2307.875	24	2913.75	0	0	0	0	54	13833.25
<i>Lindera bentonia</i> (Spicebush)	8	200.5	0	0	0	0	0	0	0	0	0	0	8	200.5
<i>Ontario prunella</i> (Honey-suckle)	12.5	312.625	0	0	0	0	0	0	0	0	0	0	12.5	312.625
<i>Ostrya virginiana</i> (Hicory)	12.5	312.625	0	0	0	0	0	0	0	0	0	0	12.5	312.625
<i>Physalis perfoliata</i> (Witch-hazel)	12.5	312.625	0	0	0	0	0	0	0	0	0	0	12.5	312.625
<i>Pinus strobus</i> (White Pine)	32.5	8125.25	0	0	0	0	0	0	0	0	0	0	32.5	8125.25
<i>Pinus strobus</i> (White Pine)	30	750.5	0	0	0	0	0	0	0	0	0	0	30	750.5
<i>Pinus strobus</i> (White Pine)	10	250.5	0	0	0	0	0	0	0	0	0	0	10	250.5
<i>Rhus glabra</i> (Smooth Sumac)	10	250.5	0	0	0	0	0	0	0	0	0	0	10	250.5
<i>Rhus typhina</i> (Cockspur Sumac)	3	750.5	0	0	0	0	0	0	0	0	0	0	3	750.5
<i>Ribes cereum</i> (Black Currant)	3	750.5	0	0	0	0	0	0	0	0	0	0	3	750.5
<i>Rosa carolina</i> (Rose)	5	1250.5	0	0	0	0	0	0	0	0	0	0	5	1250.5
<i>Sambucus racemosa</i> (Elderberry)	7	1750.5	0	0	0	0	0	0	0	0	0	0	7	1750.5
<i>Staphylea trifolia</i> (Bladdernut)	20	500.5	0	0	0	0	0	0	0	0	0	0	20	500.5
<i>Thuja occidentalis</i> (Northern White Cedar)	5	1250.5	0	0	0	0	0	0	0	0	0	0	5	1250.5
<i>Viburnum acerifolium</i> (Black Honeysuckle)	10	250.5	0	0	0	0	0	0	0	0	0	0	10	250.5
<i>Zanthoxylum armatum</i> (Fritillaria)	6.5	1626.25	0	0	0	0	0	0	0	0	0	0	6.5	1626.25
Total	185	4623.25	185	62.92	340	60.6	40	103.25	68	171.75	11	283.25	328	8189.25

Project Name	1836 378 Woodland Habitat		1836 419 Woodland Habitat		1836 401 Woodland Habitat		1836 464 Woodland Habitat		1836 484 Woodland Habitat		1836 492 Open Space		Total
	Area (Acres)	% Cover	Area (Acres)	% Cover	Area (Acres)	% Cover	Area (Acres)	% Cover	Area (Acres)	% Cover	Area (Acres)	% Cover	
1836 378 Woodland Habitat	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	1836
1836 419 Woodland Habitat	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	1836
1836 401 Woodland Habitat	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	1836
1836 464 Woodland Habitat	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	1836
1836 484 Woodland Habitat	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	1836
1836 492 Open Space	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	183.6	62.92	1836
Total	1089	38.96	1089	38.96	1089	38.96	1089	38.96	1089	38.96	1089	38.96	1089

* Indicates these trees were primarily Oak Woodland with 50% or more cover. This project seeks to restore these lands to their historic forest density/empty cover.

Attachment B

A. Worker's Compensation and Employer's Liability with limits not less than:

- (1) Worker's Compensation: Statutory
- (2) Employer's Liability:
 - a. \$1,000,000 - injury per occurrence
 - b. \$ 500,000 - disease per employee
 - c. \$ 500,000 - disease policy limit

Such insurance shall evidence that coverage applies in the State of Illinois.

B. Comprehensive Motor Vehicle Liability with limits for vehicles owned, non-owned or rented, not less than:

- (1) Bodily Injury:
 - a. \$ 500,000 - per person
 - b. \$1,000,000 - per occurrence
- (2) Property Damage:
 - a. \$ 500,000 - per occurrence
 - b. \$ 1,000,000 - aggregate

All employees shall be included as insured's.

C. Comprehensive General Liability: If such CGL insurance contains a general aggregate limit, it shall apply separately to this project. With coverage written on an "occurrence" basis with limits no less than:

- (1) General Aggregate: \$2,000,000
- (2) Bodily Injury:
 - a. \$ 2,000,000 - per person
 - b. \$ 2,000,000 - per occurrence
- (3) Property Damage:
 - a. \$ 2,000,000 - per occurrence
 - b. \$ 2,000,000 - aggregate
- (4) Other Coverages:
 - Premises/Operations
 - Products/Completed Operations (to be maintained for two years following Final Payment)
 - Independent Contractors
 - Personal Injury (with Employment Exclusion deleted)
 - Broad Form Property Damage Endorsement
 - Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)
 - Bodily Injury and Property Damage "X", "C", and "U" exclusions shall be deleted

Railroad exclusions shall be deleted if Work Site is within 50 feet of any railroad tracks.

All employees shall be included as insured's.

D. Owner's and Contractor's Protective Liability Insurance. Contractor, at its sole cost and expense, shall purchase this insurance in the name of Owner with a combined single limit for bodily injury and property damage of not less than \$1,000,000.

Attachment C

Report Forms

Includes:

- i. Interim Reporting Form
- ii. Annual Financial Reporting Form
- iii. Final Reporting Forms

Interim Reporting Form

SAMPLE FORMAT FOR PROGRESS REPORT

Date:

Report Period:

Grant Project Period:

Grant Recipient:

Grant Number:

Recipient Contact Person:

Principal Investigator/Project Director:

Progress Achieve in Accomplishing Project Goals & Objectives (*Goals and objectives should correspond to the goals and objectives in the approved grant application.*)

Goal/Objective 1

Planned:

Actual:

Unit Costs:

Goal/Objective 2

Planned:

Actual:

Unit Costs:

Difficulties Encountered (*As applicable, should include information on specific reasons why goals and objectives were not met, and analysis and explanations of cost overruns and high unit costs*)

Goal/Objective #:

Problem(s):

Resolution/Corrective Action Plan and Schedule:

Activity Anticipated Next Reporting Period (*Should correspond to the "Planned" entries under Progress Achieved in the next report*)

Goal/Objective #:

Goal/Objective #:

Final Reporting Form
US Forest Service Northeastern Area, State and Private Forestry Grant
Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan

I. Grantee Information

Grantee Agency Name: _____

Grantee Address: _____

Grantee Phone/Fax/E-mail: _____

II. Reporting Period

from _____ to _____

III. Project Final Report:

Reports are to be a comprehensive, quantified description of the work accomplished during the project period, including how problems and challenges encountered were solved. The GRANTEE shall format the report to specifically address actions undertaken to accomplish the outputs and outcomes identified in the SCOPE OF WORK and whether the outputs and outcomes were accomplished. Provide before, during and after photos of project areas, work in progress, and any other actions that demonstrate actions undertaken as a part of this grant. Provide a summary of expenditures, including staff time, which reflects reimbursed expenses and in-kind match.

Narrative:

AGREEMENT
between the
LAKE COUNTY FOREST PRESERVE DISTRICT
and
OPENLANDS
related to the
US FOREST SERVICE, STATE AND PRIVATE FORESTRY GRANT

THIS AGREEMENT is by and between the LAKE COUNTY FOREST PRESERVE DISTRICT, 1899 West Winchester Road, Libertyville, Illinois 60048 (the "DISTRICT") and OPENLANDS, 25 EAST WASHINGTON STREET, SUITE 1650 CHICAGO, ILLINOIS 60602 ("PARTNER") and is entered into as of the date upon it has been executed by both DISTRICT and PARTNER, as indicated by their signatures below (the "EXECUTION DATE").

PURPOSE

This Agreement between the DISTRICT and PARTNER describes the parties' cooperation in the US Forest Service, Northeast Area State and Private Forestry (NASPF) grant project, which is described in the project narrative for the full grant proposal titled "Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan" attached to this Agreement as Attachment A (the "PROJECT"). The PROJECT will include planting of native trees and shrubs within the project area, including on PARTNER lands. Under the terms of the NASPF grant agreement with the DISTRICT ("GRANT AGREEMENT"), the value of a portion of (i) the PROJECT coordination, oversight, and other in-kind services on or related to PARTNER lands performed by the PARTNER and (ii) certain other contributions made by the PARTNER related to the PROJECT (collectively, "IN-KIND CONTRIBUTIONS") can be used as a match towards the local contribution that is required by the GRANT AGREEMENT. The PROJECT is mutually beneficial for both the DISTRICT and PARTNER.

TERMS AND CONDITIONS

1. The duration of the PROJECT is 10/1/2014 to 12/31/2016.
2. The DISTRICT will administer the GRANT AGREEMENT.
3. PARTNER shall provide IN-KIND CONTRIBUTIONS, to be used as part of the local contribution that is required by the GRANT AGREEMENT ("PARTNER'S CONTRIBUTION"), with a total value of not less than \$6,000.00.
4. To fulfill its obligation to provide the PARTNER'S CONTRIBUTION, PARTNER shall, during the PROJECT DURATION, (i) perform any necessary site work to prepare planting areas for tree/shrub installation (includes clearing if necessary), (ii) install 93 trees and 90 shrubs as specified in the plan (see Attachment A), and (iii) maintain trees/shrubs as necessary to ensure survival, may include but is not limited to: mulching, watering, and wildlife protection.
5. PARTNER will deliver to the DISTRICT a written Request for Reimbursement of costs upon completion of approved PARTNER work. Requests for Reimbursement can be submitted to the DISTRICT as frequently as quarterly, but no less than once per year, unless otherwise approved by the DISTRICT. Copies of all source documents which provide evidence of expenditures paid for, including such items as canceled checks,

purchase orders, invoices, or other evidence of paid bills shall be submitted with this request. The DISTRICT shall not pay any amount for expenses or labor not specified for the PARTNER work. PARTNER's indirect costs shall not be reimbursable under this agreement. Reimbursement to PARTNER shall be processed within 60 days of receipt of the reimbursement request. Reimbursement shall be made to the PARTNER via check. PARTNER shall be reimbursed a total of \$5,000.00 in financial assistance upon successful completion of PARTNER work.

6. Notwithstanding any other provision of this Contract and without prejudice to any of DISTRICT's other rights or remedies, DISTRICT shall have the right at any time or times, whether before or after approval of any Pay Request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Agreement such amount as may reasonably appear necessary, up to twenty percent of the Federal Assistance, until PARTNER shall have satisfactorily completed the work of this project and supplied all necessary reports (Performance and Financial Reports – see paragraphs 7 – 9 below) to DISTRICT.
7. PARTNER shall submit an Interim Performance Report to the DISTRICT by December 15th of each year (2015, 2016) in the form provided in Attachment C. In the first Interim Performance Report, PARTNER shall summarize the PARTNER WORK accomplished from the EXECUTION DATE to the first Interim Performance reporting date. In the second Interim Performance Reports, PARTNER shall summarize the PARTNER WORK accomplished since the first Interim Performance Report was submitted. In the Interim Performance Report, PARTNER shall (i) include a narrative and photos describing the accomplishments and anticipated future PARTNER WORK, (ii) use English units of measure, and (iii) and use terms understandable to the lay population.
8. PARTNER shall submit an Annual Financial Report (in the form provided in Attachment C) to the DISTRICT by October 1st of each year (2015 and 2016) which shall cover expenditures from the previous federal fiscal year (October 1 – September 30). In the Annual Financial Report, PARTNER shall include information on all IN-KIND CONTRIBUTIONS that the PARTNER has made prior to the reporting date.
9. PARTNER shall submit a Final Performance and Financial Report (in the form provided in Attachment C) to the DISTRICT no later than December 31, 2016. In the Final Report, PARTNER shall (i) describe all PARTNER WORK, including all accomplishments, outcomes, and expenditures for the PARTNER WORK and including a narrative, and before and after photos, (ii) fully document PARTNER's completion of the PARTNER WORK and proof of PARTNER'S expenditures, (iii) use English units of measure, and (iv) use terms understandable to the lay population.
10. This AGREEMENT may be amended only with the written approval of both parties.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed, as evidenced by the signatures of their duly authorized representative as affixed below.

**LAKE COUNTY FOREST PRESERVE
DISTRICT:**

OPENLANDS

Alex Ty Kovach, Executive Director

Gerald Adelman, President & CEO

Date: _____

Date: _____

Attachment A

Full Proposal Project Narrative

**State and Private Forestry
FY 2014 Northeastern Area Competitive
Resource Allocation
Project Proposal**

Administration Information:			
Proposal Number:			
State:	IL	RFP Category:	1
Funds Requested:		\$ 126,140.00	
Match:		\$ 150,140.00	

Applicant Information				
1	Project Applicant:	Lake County Forest Preserves		
	Contact Person:	Matt Ueltzen		
	Address:	1899 West Winchester Road		
	City:	Libertyville	State:	IL
			Zipcode:	60048-5367
	Phone:	(847) 968-3290	Email:	mueltzen@lcfpd.org
	Spatial Data Coordinator:	(SMART data entry)		

Project Information				
2	Descriptive Title of Project:	Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan		
	Project Technical Contact:	Matt Ueltzen		
	Project Duration:	<input type="radio"/> One Year	<input type="radio"/> Two Years	<input checked="" type="radio"/> Three Years
	RFP Category (select one):	<input checked="" type="radio"/> 'Redesign'		<input type="radio"/> Hazard Mitigation
	Land Ownership Type:	<input type="checkbox"/> Private	<input type="checkbox"/> Federal	<input type="checkbox"/> State
		<input checked="" type="checkbox"/> Other:	County	
	Letters of Support*:	State Forester(s):		Other: <input type="checkbox"/>
	List Partner Organizations:	State	Partner	
	Partner 2:	IL	The City of Lake Forest	
	Partner 3:	IL	Lake Forest Open Lands Association	
Partner 4:	IL	Openlands		
Partner 5:				
Partner 6:				
Partner 7:				
Partner 8:				
Partner 9:				

* Note, Concurrence of the state forester is required for any state within which funds are to be received or work is to be performed.

Project Overview (Redesign and Forest Fire Hazard Mitigation Proposals)

2000 Characters Including Spaces -- Provide a comprehensive but succinct overview of the proposed project that includes basic details of who is doing what, where, and why (in context of elsewhere documented need). Address the project's suitability as the most appropriate scale of response (local, statewide, multi-state or national) to the issue being addressed.

3 Lake County Forest Preserve District (District) and partners will address the Illinois Forest Action Plan issues of forest fragmentation and decline of oak dominance by planting a diverse assemblage of 2880+ native trees (primarily oaks; 88% of larger trees) and shrubs as part of an 140-acre oak woodland restoration project. The project area lies within a priority urban forest landscape located within and adjacent to Fort Sheridan Forest Preserve. This project will help connect over 410 acres of protected, forested Lake Michigan ravine and bluffs communities, noted for their floristic diversity and state-protected plant species, and increase available nesting habitat for forest birds and stop-over habitat for all migratory birds. Planting young cohorts of oaks now will help mediate a lack of oak regeneration and increase oak-dominance, as well as future tree recruitment. The project areas are part of a highly visited, historic preserve with existing public access, providing significant opportunities to engage the public about the importance of trees and urban forest conservation.

Working with the proposed partners will reduce edge effects and allow for larger, landscape scale, management of this woodland across political/management boundaries. While local in scope, this project has great regional importance for oak ecosystem recovery and conservation of rare plants and wildlife.

Budget Table Explanation

500 Characters Including Spaces -- Provide any additional remarks needed to clarify your budget request. For example, provide an explanation if you have a partner contributing funds to cover construction or other federally unallowable portions of your project.

4 This project has multiple partners working in additional project areas adjacent to the applicant's site. Partner matching funds have been entered in the "Other Contributor's" column. Additional budget information is included in the supplemental materials. Personnel costs have been kept to a minimum and reflect only time needed to perform public bidding, purchasing, and project oversight. \$15K has been added to Applicant "contractual" column (match) for ongoing site invasive species management.

FY 2014 NORTHEASTERN AREA STATE AND PRIVATE FORESTRY RFP
LAKE COUNTY FOREST PRESERVES PROPOSAL
PROJECT TITLE: "RECONNECTING URBAN FORESTS: OAK WOODLAND RESTORATION NEAR LAKE MICHIGAN"
PROJECT BUDGET

	Project Lead: Lake County Forest Preserves	Project Partner: City of Lake Forest/ Lake Forest Openlands	Project Partner: Openlands	TOTAL: ALL PARTNERS
Mulch	\$16,800.00			\$16,800.00
Tree Protection Installation	\$2,200.00	\$4,000.00	\$500.00	\$2,700.00
Trees and Shrubs	\$102,720.00	\$4,000.00	\$2,500.00	\$109,220.00
Mow Fields Prior to Planting and After Year 1	\$76,760.00	\$4,000.00	\$5,000.00	\$85,760.00
Watering Contract (Year 2)	\$2,800.00			\$2,800.00
Watering Contract (Year 2)	\$31,000.00	\$2,000.00	\$2,000.00	\$35,000.00
Partner Total	\$232,280.00	\$10,000.00	\$10,000.00	\$252,280.00
Additional Actions (Counted as Match)				
Project Oversight (Field and Office e.g. bidding, purchasing, planning, monitoring and reporting)	\$7,000.00	\$1,000.00	\$1,000.00	\$9,000.00
Invasive Species Control (Contractual)	\$15,000.00			\$15,000.00
PROJECT TOTALS	\$254,280.00	\$11,000.00	\$11,000.00	\$276,280.00

Total Supplies (Trees, Shrubs, Mulch, Tree Protection):	\$95,760.00	\$4,000.00	\$5,500.00	\$105,260.00
Total Contractual (Installation, Mowing, and Watering): *	\$136,520.00	\$6,000.00	\$4,500.00	\$147,020.00

	Proposed Grant Funding	MATCH		TOTAL
		LCEPD	CLF/LFOA Openlands	
Personnel/Labor	\$0.00			
Supplies	\$52,630.00	\$7,000.00	\$1,000.00	\$9,000.00
Contractual	\$73,510.00	\$47,880.00	\$2,750.00	\$105,260.00
		\$83,260.00 **	\$2,250.00	\$162,020.00
Total	\$126,140.00	\$138,140.00	\$6,000.00	\$276,280.00

* Invasive Species Control not included in this figure as it is considered for Match
 ** Match amount includes Invasive Species Control Contractual

Overall Project Budget						
	Grant	Leverage ¹			Source	TOTAL
		Non-Federal Match		Non-Match		
	Federal Funds Requested	Applicant	Other Contributor/s	Applicant, Non-Federal, and/or Federal	3 rd Party Contributor/s (name)	Total Project Cost
Personnel / Labor:		\$ 7,000.00	\$ 2,000.00			\$ 9,000.00
Fringe Benefits:						\$ 0.00
Travel:						\$ 0.00
Equipment:						\$ 0.00
Supplies:	\$ 52,630.00	\$ 47,880.00	\$ 4,750.00			\$ 105,260.00
Contractual:	\$ 73,510.00	\$ 83,260.00	\$ 5,250.00			\$ 162,020.00
Construction:						\$ 0.00
Other:						\$ 0.00
Indirect Costs ² :						\$ 0.00
TOTAL:	\$ 126,140.00	\$ 138,140.00	\$ 12,000.00	\$ 0.00		\$ 276,280.00

If any part of your match requirement is being covered through a consolidated payment grant (CPG) please enter dollar value here: \$

¹ Funds qualifying as "match" must meet the same program requirements as grant funds (e.g., program authorities, non-federal sources). Other "non-match" leveraged funds do not need to meet the same standards (e.g., may include funds for construction, funds from other federal partners). Partnership with other USFS programs outside of State & Private Forestry, as well as other federal and state programs is encouraged. See FAQ online for more information: <http://na.fs.fed.us/rfp/>
² Indirect costs must be tied to an established rate. Waived indirect costs are an acceptable source of match.

**State and Private Forestry
 FY 2014 Northeastern Area Competitive Resource Allocation
 Project Proposal Supplement 1 – Partner Budget Table**

Project Title:	Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan Applicant: Lake County Forest Preserves				
	Partner:	City of Lake Forest (Lake Forest Open Lands Association will assist in future management and is listed as a partner, but will not contribute financially)			
		State: IL			
Leverage¹					
Grant	Non-Federal Match		Non-Match Applicant, Non-Federal, and/or Federal	Source 3 rd Party Contributor/s	TOTAL
	Funds Requested	Applicant			
Personnel / Labor:		\$ 7,000.00	\$ 2,000.00		\$ 1,000.00
Fringe Benefits:					\$ 0.00
Travel:					\$ 0.00
Equipment:					\$ 0.00
Supplies:		\$ 47,880.00	\$ 4,750.00		\$ 2,000.00
Contractual:		\$ 83,260.00	\$ 5,250.00		\$ 3,000.00
Construction:					\$ 0.00
Other:					\$ 0.00
Indirect Costs ² :					\$ 0.00
TOTAL:		\$ 138,140.00	\$ 12,000.00	\$ 0.00	\$ 6,000.00

¹ Funds qualifying as "match" must meet the same program requirements as grant funds (e.g., program authorities, non-federal sources). Other "non-match" leveraged funds do not need to meet the same standards (e.g., may include funds for construction, funds from other federal partners). Partnership with other USFS programs outside of State & Private Forestry, as well as other federal and state programs is encouraged. See FAQ online for more information: <http://na.fs.fed.us/rfp/>
² Indirect costs must be tied to an established rate. Waived indirect costs are an acceptable source of match.

**State and Private Forestry
 FY 2014 Northeastern Area Competitive Resource Allocation
 Project Proposal Supplement 1 – Partner Budget Table**

Project Title:	Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan		Applicant: Lake County Forest Preserves		State: IL	
	Partner:	City of Lake Forest (Lake Forest Open Lands Association will assist in future management and is listed as a partner, but will not contribute financially)				
Leverage ¹						
	Grant	Non-Federal Match		Non-Match	Source	TOTAL
	Funds Requested	Applicant	Other Contributors	Applicant, Non-Federal, and/or Federal	3 rd Party Contributor/s	Total Partner Cost
Personnel / Labor:		\$ 7,000.00	\$ 2,000.00			\$ 1,000.00
Fringe Benefits:						\$ 0.00
Travel:						\$ 0.00
Equipment:						\$ 0.00
Supplies:		\$ 47,880.00	\$ 4,750.00			\$ 2,000.00
Contractual:		\$ 83,260.00	\$ 5,250.00			\$ 3,000.00
Construction:						\$ 0.00
Other:						\$ 0.00
Indirect Costs ² :						\$ 0.00
TOTAL:		\$ 138,140.00	\$ 12,000.00	\$ 0.00		\$ 6,000.00

¹ Funds qualifying as "match" must meet the same program requirements as grant funds (e.g., program authorities, non-federal sources). Other "non-match" leveraged funds do not need to meet the same standards (e.g., may include funds for construction, funds from other federal partners). Partnership with other USFS programs outside of State & Private Forestry, as well as other federal and state programs is encouraged. See FAQ online for more information: <http://na.fs.fed.us/rfp/>

² Indirect costs must be tied to an established rate. Waived indirect costs are an acceptable source of match.

Sections 5 – 8 to be completed for ‘Redesign’ Proposals Only

	(Redesign Proposals Only) Desired Future Condition (25 points)
5	<p>2,500 Characters Including Spaces – Identify how the project addresses a priority in the Forest Action Plan and leads to a desired future condition as described in the Request for Proposals.</p> <p>The goals of this project directly address priority issues of the Illinois Forest Action Plan.</p> <p>1) THREAT: Changing Forest Landscape GOAL: Reduce fragmentation of coastal ravines to provide increased habitat for wildlife, corridors for wildlife migration and dispersal, and increased suitable habitat for rare species. Proposed Actions: Strategic planting and maintenance of saplings and young trees will provide for future canopy structure on the plateau between two high quality ravines, helping reconnect over 350 acres of forested land and restoring regionally rare oak woodland. Planting of native shrubs will increase structural diversity and provide critical habitat for wildlife.</p> <p>2) THREAT: Decline of Oak Dominance GOAL: Increase the abundance and distribution of oaks where regeneration is lacking. Proposed Actions: Planting a diverse assemblage of trees dominated by oaks. Our planting plan specifies oaks make up 87% of all canopy trees planted. High quality multi-aged oak stock from local nurseries will be planted with proven methods, maintained with watering and deer protection. Increasing the number of healthy oaks in locations where they are currently not growing will increase the population size of future acorn-producing trees, leading to greater local dispersal and recruitment.</p> <p>3) THREAT: Forest Health Decline GOAL: Reduce the abundance of invasive plants and mitigate the habitat loss anticipated from Emerald Ash Borer (EAB) Proposed Actions: Invasive plant management has been ongoing since 2005 when aggressive action was taken to remove invasive shrubs from the ravines. However, invasive shrubs still grow on the plateau between the ravines. This project will allow for the cutting and herbiciding of invasive shrubs in the 80 acre project area, completing the initial removal efforts within the preserve. Ash are present within limited portions of the project area and are impacted by EAB. Tree planting will help mitigate the impact resulting from the loss of canopy ash.</p> <p>An addendum to the Illinois Forest Action Plan was recently published addressing Urban and Community Forestry. As proposed, this project would address several priorities and action items found within the addendum: Improve and Expand Forest Composition and Health; Achieve Widespread Illinois Urban Forestry Sustainability and Management; Education and Training for Professionals and Non-professionals; Urban Forest Plants, Insect and Disease Invasive Species Awareness and Management.</p>

(Redesign Proposals Only)	
Measurable Results and Significant On-The-Ground Outcomes (35 points)	
Measure (identify measures applicable under the following National Themes)	Number of units expected
<i>Conserving and Managing Working Forest Landscapes</i>	
Restore high priority oak woodland habitats in urbanized area	140 Acres
Habitats with increased connectivity through reduced fragmentation	410 Acres
Planting native oaks	Over 1,000 Oaks
Planting of native trees (non-oaks) and shrubs	Over 1,800 Trees/Shrubs
<i>Protect Forests from Threats</i>	
Control invasive species establishment in planting areas via mowing/herbicide treatments	~100 Acres
Control invasive species within and adjacent to project areas through season-long contractual labor	~350 hours of control labor
<i>Enhance Public Benefits from Private Forests</i>	
Annual functional value of trees based on size of plants at time of installation*	\$5,954.00
Reduced run-off: Total gallons of water intercepted annually*	23,165 Gallons
Improved air quality: Pounds of carbon sequestered annually*	20,943 Pounds of Carbon
Protect and enhance wildlife habitat, especially for birds	140 Acres / 66 Bird Species
Enhance/increase potential habitat for area-sensitive bird species	24 Area-Sensitive Bird Species
Increase potential habitat for site's rare plant species	2 State Endangered Plants
	4 State Threatened Plants
Increase public awareness of native plants/plant selection/ proper planting techniques via Arbor Day events	2 Arbor Day Events in 2015 & 2016
* Based on data from national Tree Benefit Calculator from Arbor Day Foundation	

6

(Redesign Proposals Only)

Collaboration and Integrated Delivery that Influence Positive Change (20 Points)

2,500 Characters Including Spaces –Describe how reaching the goals and achievements of the project will affect positive changes on the ground as described in the Request for Proposals

The project area was chosen based on its regional significance and public accessibility. For example, Chicago Wilderness, a regional alliance of more than 260 organizations recommended this preserve as a Resource Protection Area. Ecological outcomes of this project include: restoration of 140 acres of woodland, reconnection of 410 acres of forested communities, increased habitat for six state-protected plant species found near the project area, increased opportunities for migratory bird stop-over, and increased habitat for the 66 bird species known from the site. Reducing the abundance of invasive plants across 140 acres will improve the floristic quality and health of the forested communities throughout the preserve. Further, increased connectivity of different habitat types (forested ravine, lake bluff, beach, and woodland plateau) will create a mosaic of habitat and corridors for plant and animal movement. This project also addresses Actions 1, 2, 6, & 7 of the Forests Campaign and Actions 1, 2, 5, & 6 of the Green Cities Campaign of the Illinois Wildlife Action Plan.

7 Because this project area is located within an urbanized area of high population density (Lake County is the 3rd most populous county in IL with more than 706,000 residents), there are great opportunities to educate residents and visitors about the importance of trees and forest community restoration. The local community will benefit from access to the active woodland restoration area, having increased opportunities for wildlife viewing. The existing trail system, which winds through the project area, will bring the woodland to the public. As a way to further reach out to the public, two Arbor Day events in 2015 and 2016 will be conducted, providing educational materials on trees, demonstrating proper planting techniques, offering tree selection advice and information on forest health issues, such as invasive species and EAB to an estimated 60 Lake County residents each year.

The Lake County Forest Preserve has more than 25 years of experience restoring native lands. That knowledge and experience, combined with the efforts of The City of Lake Forest, Lake Forest Openlands Association, and Openlands offers great opportunity to preserve and restore these rare wooded habitats along Lake Michigan to increase the functional size of this habitat across property boundaries.

(Redesign Proposals Only) Leverage (20 Points)

2,500 Characters Including Spaces – Describe how project will maximize funding by using it to leverage contributions as described in the Request for Proposals.

The Lake County Forest Preserve District has successfully implemented tree and shrub planting projects for over 25 years. Although funds are budgeted annually for these efforts, our current budget is insufficient to address all priority areas, especially large sites, such as this. Funding from this grant will allow the District to address planting in a high priority landscape that is currently not fully funded. Grant funds will be leveraged by a greater than 1:1 match allowing over \$2.00 to be spent for every Federal dollar allocated to this project. No additional funds for administrative or technical expertise are requested. The District will keep project costs to a minimum by providing all grant administration, contract bidding/oversight, as well as community outreach, and can provide all the technical expertise required to successfully plan and implement the project. Inhouse labor may be utilized or qualified, skilled, contractual labor will be solicited through a competitive bid process to complete the planting, watering, mulching and invasive plant control actions. Competitive bids will ensure the lowest qualified bidders for all labor and materials resulting in an estimated cost of less than \$88 per tree/shrub (when all of the proposed actions are considered). This amount accounts for the purchase of the tree/shrub, labor to plant the material, mulch and labor to apply the mulch, tree protection materials (and installation) for the larger trees to guard against deer damage, one year of watering treatments post-planting, and mowing of the project site for two consecutive years to reduce competition. To ensure a vigorous fibrous root system that will decrease planting shock and maintenance, thereby increasing survivorship and growth, all material to be planted shall be grown in RootMaker® System containers. This method may increase the cost of plant material slightly, but has shown a greater success rate with greater root development, water absorption, and vigor. More than 96% of the funds outlined in the proposed grant project budget will be utilized for on-the-ground actions.

8



Legend

Proposed Project Locations

-  Project Lead: Lake County Forest Preserve
-  Project Partner: City of Lake Forest/Lake Forest Openlands
-  Project Partner: Openlands
-  Lake County Forest Preserve Boundary



FY2014 Northeast Area State And Private Forestry Competitive Allocation RFP
Project Title: Reconnecting Urban Forests:Oak Woodland Restoration
Near Lake Michigan
Applicant: Lake County Forest Preserves



FY 2014 NORTHEASTERN AREA STATE AND PRIVATE FORESTRY RFP
 LAKE COUNTY FOREST PRESERVES PROPOSAL
 PROJECT TITLE: "RECONNECTING URBAN FORESTS: OAK WOODLAND RESTORATION NEAR LAKE MICHIGAN"
 PROPOSED SPECIES ORDER LIST BY MATERIAL SIZE

Species	Totals	#	5 Gallon	1-inch	#	1.25-inch	#	1.75-inch	Ext.
Trees									
Betula papyrifera (Paper Birch)	9	9	\$17.00	\$193.00					
Carya cordiformis (Yellow-bark Hickory)	12	12	\$15.00	\$180.00					
Carya ovata (Shagbark Hickory)	84	84	\$15.00	\$1,260.00					
Celtis occidentalis (Hickory)	6	6	\$15.00	\$90.00	4	\$60.00		\$240.00	
Juglans cinerea (Butternut)	38	10	\$17.00	\$170.00	8	\$75.00		\$600.00	
Pinus strobus (White Pine)	5				5	\$60.00		\$300.00	
Populus grandidentata (Large-toothed Aspen)	6	6	\$14.00	\$84.00					
Populus tremuloides (Quaking Aspen)	2	2	\$14.00	\$28.00					
Prunus serotina (Black Cherry)	6	6	\$12.00	\$72.00					
Quercus alba (White Oak)	64	64	\$12.00	\$768.00	388	\$5.00	131	\$75.00	\$9,225.00
Quercus bicolor (Swamp White Oak)	8	8	\$12.00	\$96.00					
Quercus coccinea/lipoidalis (Scarlet/Hill's Oak)	56	5	\$15.00	\$75.00	40	\$5.00	11	\$80.00	\$880.00
Quercus imbricaria (Shingle Oak)	20	5	\$15.00	\$75.00	5	\$5.00	5	\$80.00	\$400.00
Quercus macrocarpa (Bur Oak)	116	11	\$12.00	\$132.00	56	\$9.00	30	\$75.00	\$2,250.00
Quercus rubra (Red Oak)	162	15	\$15.00	\$225.00	56	\$55.00	30	\$75.00	\$2,250.00
Quercus velutina (Black Oak)	91	9	\$11.00	\$99.00	58	\$5.00	14	\$75.00	\$1,050.00
Trees Total	1221	252	\$2,417.00	\$31,215.00	609	\$50.00	221	\$16,655.00	\$14,160.00

Species	Totals	#	5 Gallon	1-inch	#	1.25-inch	#	1.75-inch	Ext.
Shrubs									
Amelanchier laevis (Allegheny Shadbowl)	21	21	\$12.00	\$252.00					
Aronia melanocarpa (Chokeberry)	14	14	\$15.00	\$210.00					
Carpinus caroliniana (Waxhaw)	32	32	\$11.00	\$352.00					
Celastrus scandens (Bittersweet)	90	30	\$10.00	\$300.00	7	\$55.00		\$385.00	
Cornus canadensis (Redbud)	7								
Cornus alba (Silly Dogwood)	12	12	\$11.00	\$132.00					
Cornus stolonifera (Red Osier Dogwood)	15	15	\$10.00	\$150.00					
Corylus americana (Hazelnut)	221	221	\$10.00	\$2,210.00					
Crataegus coccinea (Scarlet Hawthorn)	14	14	\$13.00	\$182.00					
Crataegus crus-galli (Crab-apple Hawthorn)	32	32	\$9.00	\$288.00					
Crataegus mollis (Downy Hawthorn)	81	81	\$13.00	\$1,053.00					
Diervilla punctata (Dotted Hawthorn)	12	12	\$13.00	\$156.00					
Dryas octopetala (Dwarf Honeysuckle)	25	25	\$13.00	\$325.00					
Gaylussacia baccata (Huckleberry)	9	9	\$16.00	\$144.00					
Hamelis virginiana (Witch Hazel)	62	62	\$11.00	\$682.00					
Lindera benzoin (Spicebush)	5	5	\$11.00	\$55.00					
Lonicera prunifera (Yellow Honey-suckle)	110	110	\$11.00	\$1,210.00					
Malus ioensis (Low Crab)	32	32	\$14.00	\$448.00					
Ostrya virginiana (Ironwood)	46	46	\$14.00	\$644.00					
Physocarpus opulifolius (Ninebark)	3	3	\$11.00	\$33.00					
Prunus americana (Wild Plum)	52	52	\$12.00	\$624.00					
Prunus virginiana (Chokecherry)	191	191	\$12.00	\$2,292.00					
Prunella trifoliata (Waffer Ash)	5	5	\$11.00	\$55.00					
Rhus glabra (Smooth Sumac)	3	3	\$10.00	\$30.00					
Rhus typhina (Sagehorn Sumac)	10	10	\$15.00	\$150.00					
Ribes missouriense (Wild Gooseberry)	189	189	\$11.00	\$2,079.00					
Rosa blanda (Smooth Rose)	17	17	\$11.00	\$187.00					
Rosa carolina (Pasture Rose)	32	32	\$11.00	\$352.00					
Rosa setigera (Illinois Rose)	23	23	\$12.00	\$276.00					
Sambucus canadensis (Elderberry)	33	33	\$10.00	\$330.00					
Sassafras albidum (Sassafras)	24	12	\$17.00	\$204.00	12	\$55.00		\$660.00	
Staphylea trifolia (Bladdernut)	11	11	\$15.00	\$165.00					
Viburnum acerifolium (Maple-leafed Viburnum)	42	42	\$17.00	\$714.00					
Viburnum lentago (Nannyberry)	84	84	\$10.00	\$840.00					
Viburnum prunifolium (Black Hax)	71	71	\$12.00	\$852.00					
Viburnum rafinesquianum (Downy Arrow-wood)	26	26	\$15.00	\$390.00					
Xanthoxylum americanum (Prickly Ash)	9	9	\$15.00	\$135.00					
Shrub Total	1665	1646	\$24,137.00	\$19,045.00	19	\$1,045.00			

Project Total Prices 2886
 TOTAL COST (plant material only): \$85,759.00
 Total 5-Gallon Trees and Shrubs 1898
 Total Larger Trees (all sizes) 968

Attachment B

A. Worker's Compensation and Employer's Liability with limits not less than:

- (1) Worker's Compensation: Statutory
- (2) Employer's Liability:
 - a. \$1,000,000 - injury per occurrence
 - b. \$ 500,000 - disease per employee
 - c. \$ 500,000 - disease policy limit

Such insurance shall evidence that coverage applies in the State of Illinois.

B. Comprehensive Motor Vehicle Liability with limits for vehicles owned, non-owned or rented, not less than:

- (1) Bodily Injury:
 - a. \$ 500,000 - per person
 - b. \$1,000,000 - per occurrence
- (2) Property Damage:
 - a. \$ 500,000 - per occurrence
 - b. \$ 1,000,000 - aggregate

All employees shall be included as insured's.

C. Comprehensive General Liability: If such CGL insurance contains a general aggregate limit, it shall apply separately to this project. With coverage written on an "occurrence" basis with limits no less than:

- (1) General Aggregate: \$2,000,000
- (2) Bodily Injury:
 - a. \$ 2,000,000 - per person
 - b. \$ 2,000,000 - per occurrence
- (3) Property Damage:
 - a. \$ 2,000,000 - per occurrence
 - b. \$ 2,000,000 - aggregate
- (4) Other Coverages:
 - Premises/Operations
 - Products/Completed Operations (to be maintained for two years following Final Payment)
 - Independent Contractors
 - Personal Injury (with Employment Exclusion deleted)
 - Broad Form Property Damage Endorsement
 - Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)
 - Bodily Injury and Property Damage "X", "C", and "U" exclusions shall be deleted

Railroad exclusions shall be deleted if Work Site is within 50 feet of any railroad tracks.

All employees shall be included as insured's.

D. Owner's and Contractor's Protective Liability Insurance. Contractor, at its sole cost and expense, shall purchase this insurance in the name of Owner with a combined single limit for bodily injury and property damage of not less than \$1,000,000.

Attachment C

Report Forms

Includes:

- i. Interim Reporting Form
- ii. Annual Financial Reporting Form
- iii. Final Reporting Forms

Interim Reporting Form

SAMPLE FORMAT FOR PROGRESS REPORT

Date:

Report Period:

Grant Project Period:

Grant Recipient:

Grant Number:

Recipient Contact Person:

Principal Investigator/Project Director:

Progress Achieve in Accomplishing Project Goals & Objectives (*Goals and objectives should correspond to the goals and objectives in the approved grant application.*)

Goal/Objective 1

Planned:

Actual:

Unit Costs:

Goal/Objective 2

Planned:

Actual:

Unit Costs:

Difficulties Encountered (*As applicable, should include information on specific reasons why goals and objectives were not met, and analysis and explanations of cost overruns and high unit costs*)

Goal/Objective #:

Problem(s):

Resolution/Corrective Action Plan and Schedule:

Activity Anticipated Next Reporting Period (*Should correspond to the "Planned" entries under Progress Achieved in the next report*)

Goal/Objective #:

Goal/Objective #:

Final Reporting Form
US Forest Service Northeastern Area, State and Private Forestry Grant
Reconnecting Urban Forests: Oak Woodland Restoration Near Lake Michigan

I. Grantee Information

Grantee Agency Name: _____

Grantee Address: _____

Grantee Phone/Fax/E-mail: _____

II. Reporting Period

from _____ to _____

III. Project Final Report:

Reports are to be a comprehensive, quantified description of the work accomplished during the project period, including how problems and challenges encountered were solved. The GRANTEE shall format the report to specifically address actions undertaken to accomplish the outputs and outcomes identified in the SCOPE OF WORK and whether the outputs and outcomes were accomplished. Provide before, during and after photos of project areas, work in progress, and any other actions that demonstrate actions undertaken as a part of this grant. Provide a summary of expenditures, including staff time, which reflects reimbursed expenses and in-kind match.

Narrative: