



LAKE COUNTY FOREST PRESERVES
www.LCFPD.org

Preservation, Restoration, Education and Recreation

DATE: June 1, 2015

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

S. Michael Rummel, Chair
Finance and Administrative Committee

FROM: James Anderson, Director
Natural Resource Department

SUBJECT: Development of a Green Infrastructure Strategy and Model for Lake County, Illinois

RECOMMENDATION: Recommend approval of an Ordinance Approving a Contract with The Conservation Fund for the development of a Green Infrastructure Strategy for Lake County, Illinois, in the Contract Price of \$90,000, Amending the FY 2014/15 Budget Ordinance, and Transferring appropriations in the FY 2014/15 Appropriations Ordinance.

BACKGROUND: The Lake County Forest Preserve District is leading an effort to develop a Geographical Information System data-driven, Green Infrastructure Strategy and Model for planning efforts of the District, and to guide regional, local and site green infrastructure planning by agencies, organizations, corporations and citizens of Lake County, Illinois. This project will enhance the Chicago Wilderness Green Infrastructure Vision product and build a more refined Green Infrastructure Strategy and Model for Lake County and adjacent lands. The project will develop a data product and GIS model support system to provide the District with planning information for the identification of three 10,000-acre ecological complexes, large-scale restoration projects, Lake Michigan ecological resources, improvement of water resources, and valuation of ecosystem services. The Green Infrastructure Strategy and Model will help county organizations and partners collaborate to (i) protect a network of green infrastructure in Lake County, including important natural resources, (ii) provide tools for site specific use of green infrastructure and (iii) provide guidance for the planning of gray infrastructure.

The District sent out a request for proposals and received three responses from the following firms:
Applied Ecological Services, Broadhead, Wisconsin
Cardno Corporation, Barrington, Illinois
The Conservation Fund, Washington D.C.

Staff interviewed Applied Ecological Services and The Conservation Fund and recommends that The Conservation Fund be awarded the contract as the firm submitting the proposal that is most advantageous to the District. Work is anticipated to begin June 2015 and be completed by January 2016.

Insufficient funding exists in the Land Development Levy Fund for this project, and it is recommended that the Board amend the FY 2014/15 budget and appropriations ordinances to transfer funds from the Farmland Management Fund to the Land Development Levy Fund to cover the expenses of the contract. District staff has been working with potential granting sources and, if funding does become available, the Farmland Management Fund will be refunded. If grant funds are not secured, the \$90,000 decrease in the Farmland Management Fund would require the postponement of soil and drain tile surveys currently planned for FY 2015/16.

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

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

FINANCIAL DATA: This project will be funded out of the Natural Resource consultant line item of the FY 2014/2015 Development Levy Fund in the amount of \$90,000 and charged to 27644000-701500

PRESENTER: James L. Anderson

STATE OF ILLINOIS)
) SS
 COUNTY OF LAKE)

**BOARD OF COMMISSIONERS
 LAKE COUNTY FOREST PRESERVE DISTRICT
 REGULAR JUNE MEETING
 JUNE 9, 2015**

MADAM PRESIDENT AND MEMBERS OF THE BOARD OF COMMISSIONERS:

Your **PLANNING AND RESTORATION COMMITTEE AND FINANCE AND ADMINISTRATIVE COMMITTEE** presents herewith “An Ordinance Approving a Contract with The Conservation Fund for the Development of a Green Infrastructure Strategy and Model, Amending the Budget Ordinance, and Transferring Appropriations” and requests 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		
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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**

**AN ORDINANCE APPROVING A CONTRACT WITH THE CONSERVATION FUND FOR THE
DEVELOPMENT OF A GREEN INFRASTRUCTURE STRATEGY AND MODEL, AMENDING THE BUDGET
ORDINANCE, AND TRANSFERRING APPROPRIATIONS**

WHEREAS, the Lake County Forest Preserve District (the “District”) desires to retain a firm to develop a Green Infrastructure Strategy and Model for Lake County, Illinois (the “Services”); and

WHEREAS, the Director of Natural Resources and the Purchasing Manager have determined that the Services require personal confidence; and

WHEREAS, the Purchasing Manager has solicited proposals for the Services; and

WHEREAS, the District’s staff, the Purchasing Manager, the Director of Natural Resources, and the Finance and Administrative Committee have reviewed the proposals and recommend that the Board of Commissioners (i) find that the proposal submitted by The Conservation Fund be determined to be the proposal that is most advantageous to the District, and (ii) award a contract for the Services to The Conservation Fund (the “Contract”) in the amount of \$90,000.00 (the “Contract Price”); and

WHEREAS, the Board of Commissioners hereby finds that the proposal for the Services submitted by The Conservation Fund is the proposal that is most advantageous to the District; and

WHEREAS, on May 13, 2014, the District approved (i) Ordinance # 4807 approving the District’s budget for the 2014/2015 fiscal year (the “2014/2015 Budget Ordinance”) and (ii) Ordinance # 4808 approving the District’s appropriations for the 2014/2015 fiscal year (the “2014/2015 Appropriations Ordinance”); and

WHEREAS, the District desires to pay for the Services using funds from its Land Development Levy Fund, but that fund currently has a balance insufficient to pay for the Services and, therefore, the District desires to transfer funds from its Farmland Management Fund to the Land Development Levy Fund; and

WHEREAS, the District is authorized to amend the 2014/2015 Budget Ordinance to transfer funds from its Farmland Management Fund to its Land Development Levy Fund; and

WHEREAS, pursuant to Section 13.5(b) of the Downstate Forest Preserve District Act, 70 ILCS 805/13.5(b), the District may transfer monies appropriated in the 2014/2015 Appropriations Ordinance that are not generated from real estate taxes or certain landfill charges from one appropriation in a fund to another appropriation within a different fund, if such transfer does not affect the total amount appropriated; and

WHEREAS, the monies in the Farmland Management Fund are not generated from real estate taxes or certain landfill charges, the transfer of \$90,000.00 for the Services will not affect the total amount appropriated, and therefore, the District may transfer such amount as set forth herein; and

WHEREAS, it is in the District’s best interests to approve an amendment to the 2014/2015 Budget Ordinance and to transfer funds appropriated in the 2014/2015 Appropriations Ordinance, to effect a transfer of \$90,000.00 from the Farmland Management Fund to the Land Development Fund to pay for the Services;

NOW, THEREFORE, BE IT ORDAINED 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 Ordinance by this reference.

Section 2. Negotiation and Award of Contract. The Executive Director (or his designee) is hereby authorized and directed to negotiate the Contract with The Conservation Fund for the Services in the amount of the Contract Price, provided that the Contract shall require The Conservation Fund to provide Services to the District, all in accordance with the prices and other criteria identified on Exhibit A attached hereto (the “Contract Criteria”).

After the Contract has been negotiated in accordance with the Contract Criteria, the Executive Director is authorized to award the Contract to The Conservation Fund and the Executive Director and Secretary of the District are authorized and directed to execute and attest to the Contract for the Services in the amount of the Contract Price.

Section 3. Amendment of Budget Ordinance. The 2014/2015 Budget Ordinance is hereby amended so that the following line items of Section 2, Part III (Estimated Expenditures) of the 2014/2015 Budget Ordinance will read as follows:

Land Development Levy Fund	\$ 8,036,750.00
Farmland Management Fund	\$ 397,630.00

Further, the District’s Director of Finance (or his designee) is hereby authorized to amend the “Fiscal Year 2014/2015 Budget of the Lake County Forest Preserve District” attached as Exhibit A to the 2014/2015 Budget Ordinance so that it is consistent with this Ordinance.

Section 4. Transfer of Appropriated Funds. The District hereby transfers \$90,000.00 from funds appropriated to the Farmland Management Fund by the 2014/2015 Appropriations Ordinance to the Land Development Fund, so that the following line items of Section 2 of the 2014/2015 Appropriations Ordinance will hereafter read as follows:

<u>FUND CODE</u>	<u>FUND NAME</u>	<u>APPROPRIATION FY 2015</u>
2000	Land Development Fund	\$ 8,575,000.00
2800	Farmland Management Fund	\$ 398,000.00

Pursuant to Section 18-50 of the Illinois Property Tax Code (35 ILCS 200/18-50), the District Treasurer is hereby directed to execute a certification of the estimated revenues of the District, in a form approved by the District's General Counsel and the District Secretary is hereby directed to file a certified copy of this Ordinance with the County Clerk of Lake County, Illinois within 30 days after its passage and approval.

Section 5. Payments. The District Treasurer shall make payments under the Contract only pursuant to and in accordance with the Contract terms.

Section 6. Effective Date. This Ordinance 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 No. _____

EXHIBIT A

CONTRACT CRITERIA

A. Project Coordination

The selected firm should expect to hold at least 5 meetings (on-site, phone or web-based) with the Advisory Group and other partners to review results of the different tasks.

B. Data Gathering and Organization

The firm (in conjunction with the project partners) as an initial phase of this project will gather and organize data that will identify the existing green infrastructure network at as fine a level of detail as possible, based primarily on available data, aerial photos and planning efforts.

C. Connectivity Integration

The firm will identify optimum (or near-optimum) landscape and recreational linkages between green infrastructure core areas, and on that basis, identify areas of potential protection that could be pursued by the project partners.

D. Ranking and prioritization of network

The firm will rank individual geographic units of the Lake County green infrastructure network with the intent of showing the relative priority of conservation actions in the different parts of the Lake County and neighboring network.

E. Specific Project Development

The firm shall perform five case study analyses on the following selected areas of interest:

1. An assessment of three 10,000 ecological complexes in and around Lake County
2. An assessment of water resource capabilities and ground water recharge areas
3. An assessment of potential woodland, wetland and prairie opportunity areas
4. An assessment of Lake Michigan ravine and Lakeplain opportunities
5. An assessment of ecosystem valuation in Lake County

F. Deliverables

The firm shall prepare a final Green Infrastructure Strategy and Model for Lake, County Illinois report in PDF format suitable for posting on the web that describes results and documents all methods and data sources used in the project. The report should be written in language that is readable and non-technical as possible. The report should include graphics depicting methods and results where appropriate; at a minimum, the final report should include overview maps of all datasheets generated as part of the project.

The firm will provide raster or vector datasets characterizing the green infrastructure network, indicating minimum additional land preservation, remediation, restoration and protection to identify three 10,000-acre ecosystem complexes, their connections and ranking green infrastructure network components as outlined previously.

File Format shall be ERSU ArcMAP File Geodatabase, raster format must be compatible with ERSI ArcMAP.

All datasets shall be:

Projection: Transverse_Mercator
Projection Coordinate System:
NAD_1983_NSRS2007_StatePlane_Illinois_East_FIPS_1201_ft_US
Geographic Coordinate System: GCS_NAD_1983_NSRS2007
Datum: D_NAD_1983_NSRS2007

Positional accuracy should be within 100 feet. Full metadata meeting Federal Geographic Data Committee standards must accompany all derived/created datasets. ISO 19139 Geographic Information – Metadata – XML schema implementation is the preferred method.

PRICE SUMMARY SHEET

A.	Project Coordination	\$8,535
B.	Data Gathering and Organization	\$21,025
C.	Connectivity Integration	\$11,280
D.	Ranking and Prioritization of Network	\$13,200
E.	Special Project Development	\$35,960
	Core Project Budget	\$90,000

Addendum (version 4) – Value added services

Description of in-person presentations in January 2016

Meetings 6 & 7: Outreach Presentations

Format: In-person, 2 hours

Objective: Provide final presentation to external groups, such as Municipal Advisory Committee, Land Conservation Partners of Lake County, and/or Upper Des Plaines River Planning Group.

Likely 2-day Travel Itinerary

January 12th – Early AM travel to Lake County + LCFPD Board meeting (afternoon)

January 13th – Outreach Presentation 2 (morning) + afternoon departure

[Move to February 9th/10th by mutual consent, and budget feasibility]

TCF provides one staff person for presentation. Cost is built into Project Coordination section on pricing sheet.

CERTIFICATION

APPROPRIATIONS ORDINANCE

I, **S. Michael Rummel**, do hereby certify that I am the duly qualified and appointed Treasurer and Chief Fiscal Officer of the **Lake County Forest Preserve District**, and as such official I do further certify that the estimated revenues, by source anticipated to be received by the **Lake County Forest Preserve District**, Lake County, Illinois, in the Fiscal Year 2014/2015 are those estimated revenues as set forth in the attached Annual Appropriations Ordinance of the **Lake County Forest Preserve District**, Lake County, Illinois for the fiscal year beginning July 1, 2014, and ending June 30, 2015 as adopted by the President and Board of Commissioners at their properly convened meeting held on the 13th day of May, 2014, and the transferred appropriations as set forth in the attached Ordinance Approving a Contact with the Conservation Fund for the Development of a Green Infrastructure Strategy and Model, Amending the Budget Ordinance, and Transferring Appropriations, as adopted by the President and Board of Commissioners at their properly convened meeting held on the 9th day of June, 2015, all as appears from the official records of said **Lake County Forest Preserve District**.

IN WITNESS WHEREOF, I have hereunto affixed my official signature and the corporate seal of said **Lake County Forest Preserve District**, at Libertyville, Illinois on this ____ day of _____, 2015.

S. Michael Rummel
Treasurer and Chief Fiscal Officer

LAKE COUNTY FOREST PRESERVE DISTRICT

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)

I, Julie Gragnani, Secretary for the Lake County Forest Preserve District, Lake County, Illinois, do hereby certify the attached to be a true, perfect and complete copy of the following document(s):

AN ORDINANCE APPROVING A CONTRACT WITH THE CONSERVATION FUND FOR THE DEVELOPMENT OF A GREEN INFRASTRUCTURE STRATEGY AND MODEL, AMENDING THE BUDGET ORDINANCE, AND TRANSFERRING APPROPRIATIONS

PASSED AND APPROVED
AT THE SCHEDULED JUNE BOARD MEETING
HELD ON JUNE 9, 2015

IN WITNESS WHEREOF, I hereunto set my hand and affix the seal of said Lake County Forest Preserve District, at my office in Libertyville, Lake County, Illinois, this _____ day of _____, 2015.

Julie Gragnani, Secretary
Lake County Forest Preserve District

S E A L