



LAKE COUNTY FOREST PRESERVES  
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Preservation, Restoration, Education and Recreation

**DATE:** August 28, 2017

**MEMO TO:** Carol Calabresa, Chair  
Planning Committee

**Agenda Item#** 9.6

S. Michael Rummel, Chair  
Finance Committee

**FROM:** James L. Anderson  
Director of Natural Resources

**RECOMMENDATIONS:**

1. Recommend approval of an Ordinance amending (i) the FY 2017/2018 Appropriations Ordinance, (ii) the FY 2017/2018 Budget, and (iii) the Ten-Year Capital Improvement Plan, to approve expenditures in FY 2017/2018 for the Ethel's Woods – North Mill Creek Restoration project.
2. Recommend approval of a Resolution awarding a Contract for the North Mill Creek Channel Restoration – Phase 2 at Ethel's Wood's Forest Preserve to Applied Ecological Services, Inc., Brodhead, WI in the Contract Price of \$4,007,893.63.

**STRATEGIC DIRECTIONS SUPPORTED:** Conservation; Organizational Sustainability

**FINANCIAL DATA:** This project was approved as part of the adopted Ten-Year Capital Improvement Plan. Funding in the CIP includes (i) a carry-forward amount of \$53,866, (ii) funding in FY 2017/2018 of \$2,613,400, (iii) funding of \$173,000 in FY 2018/2019, (iv) funding of \$47,400 in FY 2019/2020, and (v) funding of \$47,400 in FY 2020/2021, for a total of \$2,935,066. Additional funding is available from two sources. The actual carry-forward amount (which was only an estimate in the CIP) is now \$208,144 (an additional \$154,278). Also, on October 3, 2016, the Illinois EPA approved a \$1,000,000.00 grant for the project. Therefore, the total available funding for the project is now \$4,089,344.00. This portion of the project was estimated at \$4,131,700.00. The actual cost of \$4,007,893.63 will be charged as follows: \$2,454,890 to account 35304100-803200-63910, \$553,003.63 to account 20104100-803200-63910 and \$1,000,000 to account 69644100-803200-63910.

**BACKGROUND:** In June 2014 the District awarded a restoration contract for modifying the Rasmussen Lake dam at Ethel's Woods Forest Preserve to complete Phase 1 of the approved construction project to slowly lower the level of the lake. Upon completion of this work in June of 2016 the District approved an engineering contract with V3 Companies of Illinois to engineer Phase 2 construction to meet Illinois EPA guidelines. During the first phase of the project, as the lake level dropped, a second smaller dam was revealed at the northern end of the lake and it was determined that it would be critical to the success of the overall project to have this dam

removed. The removal of the second dam was then added to the Phase 2 project as a bid alternative.

The engineering for Phase 2 is complete and all permits have been obtained to implement Phase 2 of the restoration of North Mill Creek, including the second dam removal. During the engineering phase, the District applied for and has received notice of award for an Illinois Section 319 Grant in the amount of \$1,000,000.00, which provided enough funding to complete the project, including the second dam removal. Overall, this phase of the project will create a stream channel through the former lake sediments and reconnect it to North Mill Creek both upstream and downstream. The contracted work involves removing a portion of the existing Rasmussen Lake Dam, removing the upstream low head dam, removing the existing concrete spillway, channel restoration grading and in-stream features installation, bank stabilization grading, implementation of in-stream water management plan and erosion control measures, tree and brush clearing, significant wetland planting, and upland restoration seeding.

Staff is recommending that the Appropriations Ordinance, the Budget, and the CIP be amended so that the grant funds and dollars allocated to the project in future fiscal years are available this current fiscal year so that the entire contract can be awarded. This contract will complete the major work of this restoration project. The work specified in this contract will span fiscal years, and the funds not expended at the end of the year will roll forward until the project is complete.

The project was advertised on July 6, 2017 and four bids were received. A summary of the bids received is listed below:

	<u><b>TOTAL BID</b></u>
Applied Ecological Services, Inc., Brodhead, WI	\$ 4,007,893.63
V3 Construction Group, Woodridge, IL	\$ 5,133,239.05
Campanella & Sons, Inc., Wadsworth, IL	\$ 5,479,478.23
John Keno & Company, Inc. Chicago, IL	\$ 5,862,487.75

Staff recommends that Applied Ecological Services, Inc. be awarded the contract as the lowest responsible bidder. The original low bid was over the project budget. District staff removed approximately \$326,500.00 of line items and negotiated with Applied Ecological Services, Inc. which lowered its original bid by approximately \$155,500.00. Funding from the CIP in future years was planned for additional plantings and monitoring by the USGS. The future plantings and monitoring are being eliminated and the funds allocated to that work will be used to fund the Base Bid and Alternative 1.

Work is anticipated to begin October 2017 and be completed by December 31, 2021.

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



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

**A RESOLUTION AWARDING A CONTRACT FOR  
THE NORTH MILL CREEK CHANNEL RESTORATION – PHASE 2 AT  
ETHEL'S WOODS FOREST PRESERVE**

**WHEREAS**, the Lake County Forest Preserve District (the “District”) has advertised in The News Sun for sealed bids to remove a portion of the existing Rasmussen Lake Dam; remove a second upstream low head dam; remove a concrete spillway; perform channel restoration, bank stabilization, and other grading work, and complete related work for the restoration of North Mill Creek at Ethel’s Woods Forest Preserve (the “Work”); and

**WHEREAS**, all sealed bids were received and opened by the District at its General Offices, 1899 West Winchester Road, Libertyville, Illinois on July 27, 2017 at 10:00 a.m.; and

**WHEREAS**, bids were received in the following amounts from the following bidders, which include bid alternate one:

	<u><b>TOTAL BID</b></u>
Applied Ecological Services, Inc., Brodhead, Wisconsin	\$ 4,007,893.63
V3 Construction Group, Woodridge, Illinois	\$ 5,133,239.05
Campanella & Sons, Inc., Wadsworth, Illinois	\$ 5,479,478.23
John Keno & Company, Inc. Chicago, Illinois	\$ 5,862,487.75

and;

**WHEREAS**, the District’s staff, the Purchasing Manager, the Director of Natural Resources, and the Planning Committee have reviewed the bids and recommend that the Board of Commissioners find Applied Ecological Services, Inc., to be the lowest responsible bidder and award a contract for the Work to Applied Ecological Services, Inc. (the “Contract”); and

**WHEREAS**, the Board of Commissioners hereby finds that Applied Ecological Services, Inc., is the lowest responsible bidder for 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 part of this Resolution by this reference.

Section 2: Award of Contract. The bid submitted by Applied Ecological Services, Inc., in the amount of \$4,007,893.63 (the “Contract Price”) is hereby accepted and a Contract for the Work is hereby awarded to Applied Ecological Services, Inc.

Section 3: Execution of Contract. The Executive Director of the District is hereby authorized and directed to execute the Contract for the Work in the amount of the Contract Price.

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

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

PASSED this 12<sup>th</sup> day of SEPTEMBER, 2017

AYES: 21

NAYS: 0

APPROVED this 12<sup>th</sup> day of SEPTEMBER, 2017

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

ATTEST:

Julie Gragnani  
Julie Gragnani, Secretary  
Lake County Forest Preserve District

Exhibit No. 5308