



DATE: October 4, 2021

MEMO TO: Jessica Vealitzek, Chair
Operations Committee

FROM: James L. Anderson
Director of Natural Resources

RECOMMENDATION: Recommend approval of a Resolution awarding Contracts for the Woody Invasive Plant Clearing Project - Buckthorn Eradication Initiative at Middlefork Savanna Forest Preserve to (i) RES Great Lakes, LLC dba Applied Ecological Services, Bellaire, Texas in the Contract Price of \$50,831.28; (ii) Encap, Inc., DeKalb, Illinois in the Contract Price of \$29,304.30; and (iii) V3 Companies, Woodridge, Illinois in the Contract Price of \$25,547.00.

STRATEGIC DIRECTIONS SUPPORTED: Conservation; Leadership

FINANCIAL DATA: The various projects were approved as part of the adopted FY 2021 Budget. The total cost of implementing work across all project areas was estimated at \$120,000.00. The actual cost of this portion of the project is \$105,682.58.

The bids under \$25,000.00 that do not require Committee recommendation and Board approval will be accepted by staff and total \$10,086.40 and, combined with the price of the contracts that would be approved by the attached resolution, total \$115,768.98.

Funding for a portion of the project is being supplied by the National Fish and Wildlife Foundation ChiCal Grant Fund. This portion of the project, \$57,884.49, will be charged to the Middlefork Savanna Pilot Buckthorn Eradication Grant Fund, (69644100-803200-61104) and \$57,884.49 will be charged to account 20104100-803200-61104.

BACKGROUND: Invasive plants are a significant challenge to habitat conservation. Management of invasive plants is necessary to improve and conserve habitat quality and species diversity on District properties throughout Lake County. The District conducts removal of invasive woody species as part of a Land Management Program to restore and enhance woodlands, savannas, prairies and wetlands to increase the health, diversity, and sustainability of flora and wildlife populations and to restore or enhance ecosystem services.

In 2019, the District applied for and received funding from the National Fish and Wildlife Foundation's Chi Cal Rivers Grant Fund for projects to remove invasive wood species. This grant opportunity provides funding for work in the Chicago and Calumet River Watersheds in the Chicago Region. With the awarded funds, the District will provide a cost-share program to interested landowners, which provides 50% of the project cost to remove buckthorn from their property. The landowners are responsible for the remaining 50%.

The District advertised for bids for multiple clearing projects within Middlefork Savanna Forest Preserve, each indicated as a separate Project under one consolidated bid process. Each project has its own Scope of Work and Specifications. Some projects include land adjacent to Middlefork Savanna that is owned by others, who have signed consents to allow removal work on their property and to participate in the cost-sharing program. Work includes all labor, equipment and materials to selectively remove invasive woody trees and shrubs and thin select native species and includes disposal services and follow-up selective herbicide applications.

The projects were advertised on July 23, 2021 and seven bids were received. A summary of the lowest bids received and recommended for approval is listed below:

<u>LOWEST BIDDERS – BIDS GREATER THAN \$25,000.00</u>	<u>TOTAL BID</u>
RES Great Lakes, LLC dba Applied Ecological Services (Area B)	\$ 50,831.28
Encap, Inc. (Area H)	\$ 29,304.30
V3 Companies (Areas A, G, and I)	\$ 25,547.00
<u>LOWEST BIDDERS EQUAL TO OR UNDER \$25,000.00</u>	
Native Restoration Services (Area C, D, E, F, J, K)	\$ 5,550.00
Integrated Lakes Management (Area E, F)	\$ 4,536.40

Staff recommends that (a) RES Great Lakes, LLC dba Applied Ecological Services be awarded a contract as the lowest responsible bidder for the project area for which it was the low bidder (Project Area B), (b) Encap, Inc., be awarded a contract as the lowest responsible bidder for the project area for which it was the low bidder (Project Area H), and (c) V3 Companies be awarded a contract as the lowest responsible bidder for the project areas for which it was the low bidder (Project Areas A, G, and I). Each of these bidders submitted low bids for their respective Project Areas greater than \$25,000.00, thus requiring Committee recommendation and Board approval of the contracts.

Staff will award contracts to Native Restoration Services and Integrated Lakes Management for the Project Areas for which they were the lowest bidders.

Work is anticipated to begin in December, 2021 and to be completed in August, 2022.

REVIEW BY OTHERS: Chief Operations Officer, Director of Finance, Purchasing Manager, Corporate Counsel

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

**A RESOLUTION AWARDING CONTRACTS FOR THE WOODY INVASIVE
PLANT CLEARING PROJECT - BUCKTHORN ERADICATION INITIATIVE AT
MIDDLEFORK SAVANNA FOREST PRESERVE**

WHEREAS, the Lake County Forest Preserve District (the "District") has advertised in The News Sun for sealed bids for the Woody Invasive Plant Clearing Project - Buckthorn Eradication Initiative at Middlefork Savanna 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 August 12, 2021 at 11:00 a.m. local time and such bids are identified on Exhibit A; and

WHEREAS, the District's staff, the Purchasing Manager, the Director of Natural Resources, and the Operations Committee have reviewed the bids and recommend that the Board of Commissioners (i) finds that each highlighted bid listed on Exhibit A (collectively, the "Low Bids") is a lowest responsible bid for each corresponding "Project Area" identified in Exhibit A and (ii) awards a contract to each bidder who submitted a Low Bid (collectively the "Bidders") in the amount(s) of the Bidder's Low Bid (collectively, the "Contract Prices") as follows: (a) for Project Area B to RES Great Lakes, LLC dba Applied Ecological Services, Bellaire, Texas in the contract price of \$50,831.28; (b) for Project Area H to ENCAP, Inc., Dekalb, Illinois in the contract price of \$29,304.30; and (c) for Project Areas A, G, and I to V3 Companies, LTD, Woodridge, Illinois in the contract price of \$25,547.00 (collectively, the "Contracts"); and

WHEREAS, the Board of Commissioners hereby finds that each Low Bid is the lowest responsible bid as set forth in the previous clause;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Lake County Forest Preserve District, Lake County, Illinois, **THAT**:

Section 1: Recitals. The recitals set forth above are incorporated as a part of this Resolution by this reference.

Section 2: Acceptance of Bids. The Low Bids in the amounts listed on Exhibit A are hereby accepted and a Contract for a portion of the Work is hereby awarded to each Bidder in the amounts of the Low Bidder's Low Bids (the "Contract Prices").

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

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

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

PASSED this _____ day of _____, 2021

AYES:

NAYS:

APPROVED this _____ day of _____, 2021

Angelo D. Kyle, President
Lake County Forest Preserve District

ATTEST:

Julie Gagnani, Secretary
Lake County Forest Preserve District

Exhibit No. _____

EXHIBIT A

**Woody Invasive Plant Clearing Winter 2021
Buckthorn Initiative at Middlefork Savanna Forest Preserve
Bid 21048**

				ENCAP		RES GREAT LAKES		V3 COMPANIES	
A1. PROJECT AREA "A" (Lake County Forest Preserves)									
NO	DESCRIPTION	UNIT	QTY	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE
A1.1.	Initial clearing & stump herbicide treatment	ACRE	0.93	\$6,800.00	\$6,324.00	\$4,655.00	\$4,329.15	\$1,451.62	\$1,350.01
A1.2.	Brush removal	ACRE	0.93	\$1,400.00	\$1,302.00	\$1,827.00	\$1,699.11	\$2,235.48	\$2,079.00
A1.3.	Resprout treatment	ACRE	0.93	\$8,000.00	\$7,440.00	\$1,604.00	\$1,491.72	\$1,200.00	\$1,116.00
TOTAL PROJECT AREA - A1					\$15,066.00		\$7,519.98		\$4,545.00
A1.ADD. BID ADDITION – PROJECT AREA "A" (28449 N Arcadia Rd.)									
NO	DESCRIPTION	UNIT	QTY	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE
A1.ADD1	Initial clearing & stump herbicide treatment; includes treatment of all individually marked trees for removal	ACRE	1.1	\$5,800.00	\$6,380.00	\$4,697.00	\$5,166.70	\$1,431.81	\$1,574.99
A1.ADD2	Brush removal	ACRE	1.1	\$1.00	\$1.10	\$1,778.00	\$1,955.80	\$2,233.64	\$2,457.00
A1.ADD3	Resprout treatment	ACRE	1.1	\$950.00	\$1,045.00	\$1,356.00	\$1,491.60	\$1,200.00	\$1,320.00
TOTAL PROJECT AREA - A1.ADD					\$7,426.10		\$8,614.10		\$5,352.00
A2. PROJECT AREA "B" (Lake Forest Open Lands Association)									
NO	DESCRIPTION	UNIT	QTY	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE
A2.1	Initial clearing & stump herbicide treatment – hand/mechanical clearing areas	ACRE	8.71	\$3,000.00	\$26,130.00	\$1,757.00	\$15,303.47	\$1,500.00	\$13,065.00
A2.2	Brush removal – hand/mechanical clearing areas	ACRE	8.71	\$1.00	\$8.71	\$925.00	\$8,056.75	\$2,300.00	\$20,033.00
A2.3	Resprout treatment – hand/mechanical clearing areas	ACRE	8.71	\$650.00	\$5,661.50	\$552.00	\$4,807.92	\$500.00	\$4,355.00
A2.4	Initial clearing & stump herbicide treatment – primarily woody mowing areas	ACRE	7.78	\$3,400.00	\$26,452.00	\$1,842.00	\$14,330.76	\$1,300.00	\$10,114.00
A2.5	Brush removal – primarily woody mowing areas	ACRE	7.78	\$1.00	\$7.78	\$618.00	\$4,808.04	\$2,100.00	\$16,338.00
A2.6	Resprout treatment – primarily woody mowing areas	ACRE	7.78	\$500.00	\$3,890.00	\$453.00	\$3,524.34	\$400.00	\$3,112.00
TOTAL PROJECT AREA – A2					\$62,149.99		\$50,831.28		\$67,017.00

A7. PROJECT AREA "G" (1209 W. Deerpath – Approx. 0.05 AC)									
NO	DESCRIPTION	UNIT	QTY		EXT. PRICE		EXT. PRICE		EXT. PRICE
A7.1	Initial clearing & stump herbicide treatment; includes treatment of all individually marked trees for girdle/removal	SITE	1		\$2,200.00		no bid		\$700.00
A7.2	Brush removal	SITE	1		\$2,000.00				\$750.00
A7.3	Resprout treatment	SITE	1		\$1,000.00				\$800.00
TOTAL PROJECT AREA A7					\$5,200.00		\$0.00		\$2,250.00
A8. PROJECT AREA "H" (Knollwood Club)									
NO	DESCRIPTION	UNIT	QTY	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE
A8.1	Initial clearing & stump herbicide treatment; includes treatment of all individually marked trees for girdle/removal	ACRE	9.3	\$2,500.00	\$23,250.00	\$1,785.00	\$16,600.50	\$1,600.00	\$14,880.00
A8.2	Brush removal	ACRE	9.3	\$1.00	\$9.30	\$1,230.00	\$11,439.00	\$2,500.00	\$23,250.00
A8.3	Resprout treatment	ACRE	9.3	\$650.00	\$6,045.00	\$589.00	\$5,477.70	\$2,000.00	\$18,600.00
TOTAL PROJECT AREA A8						\$29,304.30		\$33,517.20	\$56,730.00
A9. PROJECT AREA "I" (Bike Path)									
NO	DESCRIPTION	UNIT	QTY	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE
A9.1	Initial clearing & stump herbicide treatment	ACRE	1.62	\$9,500.00	\$15,390.00	\$4,575.00	\$7,411.50	\$1,600.00	\$2,592.00
A9.2	Brush removal	ACRE	1.62	\$1,200.00	\$1,944.00	\$1,874.00	\$3,035.88	\$3,200.00	\$5,184.00
A9.3	Resprout treatment	ACRE	1.62	\$950.00	\$1,539.00	\$646.00	\$1,046.52	\$1,000.00	\$1,620.00
TOTAL PROJECT AREA A9						\$18,873.00		\$11,493.90	\$9,396.00
A9.ADD. BID ADDITION PROJECT AREA "I" (Bike Path - West)									
NO	DESCRIPTION	UNIT	QTY	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE	COST PER UNIT	EXT. PRICE
A9.ADD1	Initial clearing & stump herbicide treatment; includes treatment of all individually marked trees for removal	ACRE	0.44	\$9,500.00	\$4,180.00	\$50,050.00	\$22,022.00	\$2,300.00	\$1,012.00
A9.ADD2	Brush removal	ACRE	0.44	\$3,500.00	\$1,540.00	\$2,182.00	\$960.08	\$5,000.00	\$2,200.00
A9.ADD3	Resprout treatment	ACRE	0.44	\$2,400.00	\$1,056.00	\$1,488.00	\$654.72	\$1,800.00	\$792.00
TOTAL PROJECT AREA A9.ADD						\$6,776.00		\$23,636.80	\$4,004.00