



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 2

List View

- General Information
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1945307

Procurement Type: Central Master Agreement

Vendor ID: VS0000042316

Legal Name: BIOSURVEY GROUP LLC

Alias/DBA:

Total Bid: \$90,000.00

Response Date: 05/27/2026

Response Time: 11:33

Responded By User ID: BioSurvey Group

First Name: Sarah

Last Name: Veselka

Email: sarah@biosurveygroup.com

Phone: 3042829493

SO Doc Code: CRFQ

SO Dept: 0313

SO Doc ID: DEP2600000033

Published Date: 5/14/26

Close Date: 5/27/26

Close Time: 13:30

Status: Closed

Solicitation Description: AML - Potential Hibernacula Surveys - AML Sites Northern Reg

Total of Header Attachments: 2

Total of All Attachments: 2

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Hibernacula Survey, based on per site, per night	20.00000	EA	2500.000000	50000.00

Comm Code	Manufacturer	Specification	Model #
77111507			

Commodity Line Comments: Delivery days based on the 2026 hibernacula survey season and resulting potential reports.

Extended Description:

Hibernacula Survey, based on per site, per night. Esitmated quantities are for bid purposes only.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Acoustic Surveys, based on per site, per night	20.00000	EA	2000.000000	40000.00

Comm Code	Manufacturer	Specification	Model #
77111507			

Commodity Line Comments: Delivery days based on the 2026 hibernacula survey season and resulting potential reports.

Extended Description:

Acoustic Surveys, based on per site, per night. Esitmated quantities are for bid purposes only.



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Centralized Request for Quote
 Consulting**

Proc Folder: 1945307		Reason for Modification:	
Doc Description: AML - Potential Hibernacula Surveys - AML Sites Northern Reg		Addendum #2 is issued to publish agency responses to vendor submitted questions.	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2026-05-14	2026-05-27 13:30	CRFQ 0313 DEP2600000033	3

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code:

Vendor Name :

Address :

Street :

City :

State : **Country :** **Zip :**

Principal Contact :

Vendor Contact Phone: **Extension:**

FOR INFORMATION CONTACT THE BUYER
 Joseph (Josh) E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands (WVDEP/AML) to establish a contract to conduct surveys of unreclaimed or reclaimed mine portals for potential habitation by threatened or endangered species, as determined by the US Fish and Wildlife Service (USFWS) in the Northern Region of West Virginia per the attached specifications and terms and conditions.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION 1000 TECHNOLOGY DRIVE		STATE OF WEST VIRGINIA	
FAIRMONT WV		JOBSITE - SEE SPECIFICATIONS	
US		No City WV	
		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Hibernacula Survey, based on per site, per night	20.00000	EA		

Comm Code	Manufacturer	Specification	Model #
77111507			

Extended Description:
Hibernacula Survey, based on per site, per night. Esitimated quantities are for bid purposes only.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION 1000 TECHNOLOGY DRIVE		STATE OF WEST VIRGINIA	
FAIRMONT WV		JOBSITE - SEE SPECIFICATIONS	
US		No City WV	
		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Acoustic Surveys, based on per site, per night	20.00000	EA		

Comm Code	Manufacturer	Specification	Model #
77111507			

Extended Description:
Acoustic Surveys, based on per site, per night. Esitimated quantities are for bid purposes only.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
-------------	--------------	-------------------

SOLICITATION NUMBER:
Addendum Number:

The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

RFI: Questions from vendors for CRFQ DEP26*33 Hibernacula Surveys Northern Region

Q.1. Based on the RFQ, there is the potential to conduct potential hibernacula surveys anywhere in the northern region, but can you disclose if you know any currently anticipated potential hibernaculum county locations for this upcoming fall?

A. This contract will be open-end and used on an as needed basis. At this time, we do not expect more than 20 mine portals that will need sampled during the first sampling season. We are in the process of evaluating our upcoming projects, and completing Phase I assessments. Information on subsequent seasons is not currently available.

Q.2. For any potential acoustic surveys (4.1.1.4), will this replace any harp trapping at the site or would this be in conjunction with harp trapping?

A. Any acoustic surveys requested by WVDEP AML would not replace any harp trapping to be completed. It would be in addition to the harp trapping, or if feasible for the vendor, at a site not associated with the harp trap surveys.

Q.3. The Solicitation document refers to a pricing sheet, however no pricing sheet could be found in the solicitation documents in Oasis. Will a price sheet be uploaded into Oasis?

A. The commodity lines in Oasis are the pricing page.

Q.4. Is there a Request for Proposal checklist for this project? Other than a price sheet and qualifications we are unsure of what needs to be provided. For example, what is preferred for proof of qualifications, a resume, or copy of federal or state bat permits?

A. Section 3.2 – verification from the USFWS that indicates vendor is a Qualified Bat Surveyor, but is not listed on the 2020 list in the link. Nothing else is required, but information such as copies of the permits can be provided if the vendor prefers.

Q.5. Please confirm that you want both a per night cost per portal and a total cost for 20 portals? **A. Yes**

Q.6. Will WVDEP/AML attempt to batch work directives geographically to reduce mobilization and travel burden, or should vendors assume individual releases may occur across the full Northern Region?

A. WVDEP AML will provide a list of sites to be sampled to vendor by June 30th. Other than that, no additional “batching” will occur. Due to the nature of AML sites and the projects submitted, they are not all centrally located.

Q.7. For the acoustic survey bid item, please clarify the call analysis/reporting requirements and whether manual vetting is required.

A. Please follow the protocol listed in the Acoustic Surveys section of the protocol

Q.8. Please clarify any required safety training, PPE, or site-specific safety protocols.

A. This would be up to the vendor to identify what PPE would be needed. WVDEP AML can provide potential hazards on a site by site basis (such as unstable portal face, slips/trips/falls, wildlife, etc.

Q.9. For existing bat gates, is the required gate integrity documentation limited to a visual field assessment with photographs?

A. Yes – visual inspection and documentation would be all that is needed. The visual inspection of standard bat gates should include the horizontal and vertical structures, bolts connected to the rock face, and any foundation (should it have a foundation), noting any excessive rust. Inspection of culverted gates (corrugated metal and HDPE plastic) should include information above, as well as a visual look at the integrity of the culvert – rusting, collapse of the culvert structure or collapse inside, etc.

Q.10. Does WVDEP/AML have a preferred report template, data sheet format, photo naming convention, GIS/map format that vendors should follow?

A. The only preference we have is to utilize the site name and number, as provided to the vendor in the list of projects. We have no preference of any format, as long as it is clear and easy to follow.

Q.11. Will contractors be responsible for directly coordinating with each landowner, scheduling access windows, handling gate codes/keys, resolving denied access, or documenting failed access attempts?

A. WVDEP AML (or our contracted design contractors) will make contact with the appropriate landowners prior to providing a list of sites to the Vendor.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: _____

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

Authorized Signature

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012

WVDEP AML SITES NORTH REGION BAT SERVICES PROPOSAL

WEST VIRGINIA

PREPARED FOR

West Virginia Department of
Environmental Protection

DATE: 05/27/2026



Table of Contents

Introduction	1
Project Need.....	1
Qualifications	1
Scope of Work	1
Project Management	1
Acoustic Survey.....	1
Phase 2 Potential Hibernacula Survey.....	2
Reporting.....	2
Survey Conditions and Timeline.....	2
Assumptions	2

Appendices

Appendix A – Key Personnel Resumes

Appendix B – Relevant Project Briefs

Introduction

BioSurvey Group appreciates the opportunity to provide this proposal to the state of West Virginia Department of Environmental Protection (WVDEP) for potential abandoned mine land (AML) bat surveys in the northern region of the state. This proposal addresses the evaluation of potential hibernacula identified by the state and is intended to support AML reclamation efforts.

Project Need

Based on information provided by West Virginia, it is our understanding that potential hibernacula were located and need to be assessed by a qualified bat biologist to determine whether these portals are being used as bat hibernacula. IPaC results indicate that the project area is within the range of the federally endangered northern long-eared bat (NLEB) (*Myotis septentrionalis*) and the proposed federally endangered Tricolored Bat (*Perimyotis subflavus*).

All survey methods will follow the 2026 United States Fish and Wildlife (USFWS) Range-Wide Indiana Bat & Northern Long-Eared Bat Survey Guidelines (Survey Guidelines); specifically, the Potential Winter Hibernacula survey guidance.

Qualifications

BioSurvey Group bat biologists are federally permitted and West Virginia state permitted. BioSurvey Group bat survey expertise spans various methods including mist-net and harp trap captures, radio-transmitter tracking, acoustic detection and analysis, as well as manual vetting for the echolocation calls of threatened and endangered species. We conduct karst topography surveys, roost tree assessments, bridge surveys, and emergence surveys.

Our federally permitted bat biologists have extensive experience across diverse habitats east of the Mississippi River ranging from rugged mountains to agricultural plains. Equipped with knowledge, experience, and skills, we can assess bat species' land use on linear or non-linear projects. Our team provides efficient and accurate Endangered Species Act (ESA) compliance, as well as addressing general species inventory requirements. Subcontractors may be used depending on time of authorization and workload. Resumes for key staff assigned to this project can be found in Appendix A. Relevant project briefs have been provided in Appendix B.

Scope of Work

Project Management

All state and federal agency coordination for the project will be completed under this task. Additionally, BioSurvey Group will develop a project-specific health and safety plan under this task if necessary.

Acoustic Surveys

In accordance with current USFWS Survey Guidelines, BioSurvey Group will conduct acoustic surveys to detect bat echolocation calls within the project areas as requested by WVDEP. Detectors will be strategically deployed based on site-specific factors such as vegetative cover, proximity to water bodies, and the presence of potential roosting habitat. Detector sites will be

chosen to target diverse habitats, when possible, to ensure differently adapted species (clutter adapted vs open adapted) are recorded. Detector microphones will be placed ~10ft off the ground and will be programmed to record for at least 5 hours following sunset.

All detectors will be properly calibrated and maintained throughout the survey period. BioSurvey Group will utilize specialized software to analyze acoustic data and identify species, quantify bat activity levels, and evaluate temporal patterns. Manual vetting will be performed on all high-frequency call files from each site and survey night to ensure accuracy and reduce the risk of false positives.

Phase 2 Potential Hibernacula Surveys

Survey methodology will follow the Survey Guidelines and will combine the use of harp traps to capture bats as they might ingress and egress from targeted portals as required by WVDEP, and acoustic detectors to assess general bat activity around targeted portals during the survey period.

Sampling will occur each site for a minimum of two nights for five hours post sunset on nights with suitable weather conditions. Portal exits will be enclosed by survey gear, and checked every 30 minutes, to ensure all ingressing and egressing bats are captured. If no bats are captured during the two initial rounds of surveying, the survey is considered complete for those portals. If any bats are captured on the first two nights, the surveys will continue once per week for four additional weeks. Each sampling event at each location will be separated by one week. If any target species are captured during the survey, three additional nights of sampling will be completed for three consecutive weeks (nine additional nights) to determine the significance of the portal. If the survey season ends prior to the completion of the required additional nights, then sampling must be completed during the following year. Portal surveys can occur in the fall season, September 15 – October 31, or the spring season of April 1- 21.

Reporting

A detailed report of the surveys will be submitted to WVDEP for review, prior to submission to USFWS. The report will include a full description of the project, a map illustrating the project location and survey area, detailed survey methodology, summary data tables, all required data sheets, and a photo log.

Survey Conditions and Timeline

BioSurvey Group can initiate work immediately upon authorization. Hibernacula surveys can only occur from April 1- 21 and September 15 – October 31.

Assumptions

1. Detailed portal locations and GPS points will be provided by WVDEP before surveys begin.
2. Costing has been provided for acoustic and harp trapping independently but cost savings can occur if done in tandem.

Appendix A

Key Personnel Resumes

BENJAMIN SMITH

LEAD BAT BIOLOGIST

Ben Smith is a federally permitted Bat Biologist with over 10 years of experience conducting bat surveys for Endangered Species Act compliance. He is adept at mist netting and tracking bats using radio-transmitters as well as acoustic monitoring including manual vetting of echolocation calls for threatened and endangered species. Mr. Smith is also experienced with bird and small and large mammal surveys and is a PADI certified diver.



KEY PROJECT EXPERIENCE

Bat Mist Netting: 2013 – Present

- Bat Biologist - Field Crew Lead
- Site selection, installation, and monitoring of mist-nets and harp traps in agricultural, urban, and mountainous environments
- Removal of captured bats and other by-catch such as birds and flying squirrels
- Biometric measurements
- Attachment of radio-transmitters to threatened and endangered bats
- Tracking of bats with radio-transmitters to colony roosts
- Maintaining and repairing netting equipment
- Land owner coordination
- Reporting

Bat Acoustic Monitoring: 2013 – Present

- Bat Biologist - Field Crew Lead
- Establishment of acoustic monitoring sites
- Species analysis via echolocation calls
- Maintenance of echolocation database
- Vetting threatened and endangered bat echolocation calls to species

Other Bat Services: 2012 - Present

- Bat Biologist - Field Crew Lead
- Surveys of karst topography for potential cave roosts
- Emergence surveys of trees and other structures
- Installation and use of infrared cameras to conduct known hibernacula exit counts
- Biological sample collection including fecal samples and wing punches
- Section 7 Consultations
- Attachment of temperature dataloggers
- Laboratory care
- Coordination with state and federal agencies

Wildlife Services: 2020 - 2023

- Biologist
- Large mammal tagging
- Capture and removal of feral ungulates
- Use of radio telemetry to track tagged animals
- Placement of game camera grids for population estimates
- Statistical analyses
- Collection of biometric and biological samples
- Reporting

EDUCATION

M.S. Biology, Missouri State University, 2020

B.S. Biology, Missouri State University, 2013

CERTIFICATIONS

- USFWS Recovery Permit for: Indiana Bat, Gray Bat, Ozark Big-Eared Bat, and Northern Long-Eared Bat
- Certified Wildlife Biologist
- PADI Diver
- CPR | AED | First Aid

YEARS OF EXPERIENCE

Environmental Consulting: 8

University Labs / Research: 4

Government: 3

PROFESSIONAL AFFILIATIONS

- The Wildlife Society
- Mid-West Bat Working Group
- North-East Bat Working Group
- Southeast Bat Diversity Network
- American Society of Mammalogists

SKILLS

Mist Netting

Radiotelemetry

Acoustic Monitoring

Emergence Surveys

Bridge and Culvert Surveys

Manual Vetting for Echolocation Calls

Habitat Assessments

Large and Small Mammal Trapping

Bird Surveys

Section 7 Consultations

Biological Sampling

Appendix B

Relevant Project Briefs



PROJECT BRIEF

Abandoned Mine Lands Reclamation Bat Harp Trap Surveys

BioSurvey Group was contracted to conduct harp trap surveys on 15 abandoned mine land portals in the Bakers Ridge area of Morgantown, Monongalia County, West Virginia, to determine whether bats, particularly federal and state-listed species such as the Indiana bat (*Myotis sodalis*), Northern long-eared bat (*Myotis septentrionalis*), and Tricolored bat (*Perimyotis subflavus*), were using these sites as hibernacula. A total of 38 harp trap and acoustic detector nights were conducted across the 15 portals.

Two non-endangered Small-footed (*Myotis lebeii*) bats were captured during the surveys. No other bats were captured via harp trap. Acoustic detector results were variable but generally showed low amounts of echolocation activity at most sites on most nights. There were sites / nights with greater acoustic activity though these did not produce any captured bats despite frequent trap checks. All surveys were completed during one fall field season, September 15 – October 31, and did not need to be carried over into the following year.

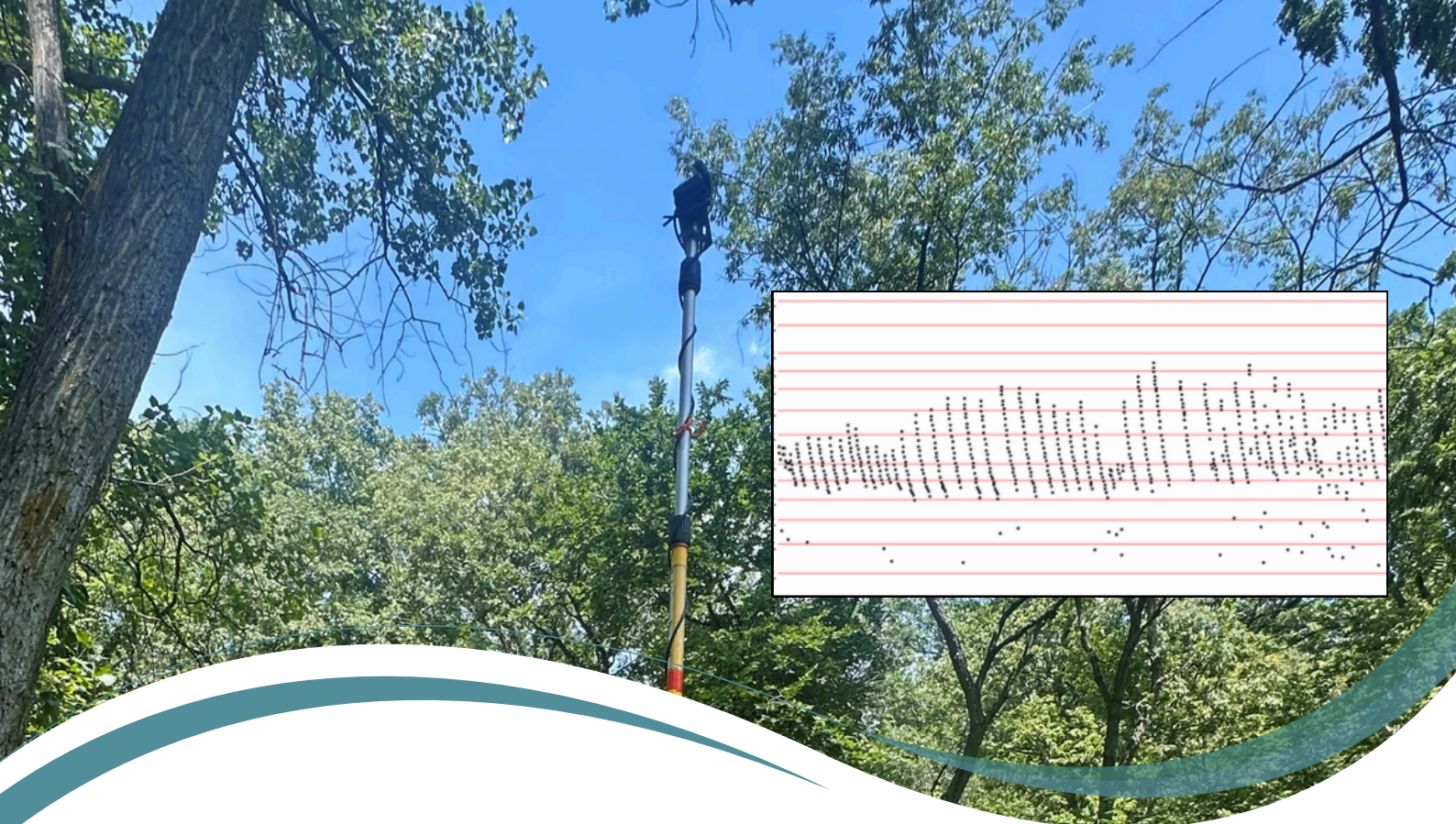


Year: 2025

Dates: Sep & Oct

Value: \$52K

Monongalia County, West Virginia



PROJECT BRIEF

Waterfall Glen Forest Preserve Bat Acoustic Survey

BioSurvey Group performed an acoustic presence/probable absence survey for the United States Army Corps of Engineers to determine the presence or probable absence of the federally endangered northern long-eared bat (*Myotis septentrionalis*) and the proposed federally endangered tri-colored bat (*Perimyotis subflavus*) at Waterfall Glen Forest Preserve in DuPage County, Illinois. Two acoustic detectors were used to survey the 100-acre site for seven nights for a total of 14 detector nights. A total of 2,533 echolocation calls were recorded and identified, via software, to eight species including northern long-eared bats and tricolored bats. Visual vetting by BioSurvey Group confirmed both species' echolocation calls were correctly identified and were present on the site.



Year: 2025

Dates: July 24- Aug 1

Value: \$23K

DuPage County, Illinois