

Subject: Sole Source – Evidence IQ Ballistics IQ System

Purpose:

This document outlines the unique and proprietary features of the Evidence IQ Ballistics IQ System, a ballistic imaging and intelligence solution designed to aid law enforcement in investigating and prosecuting violent gun crime. Evidence IQ is the sole creator, supplier, and patent holder of the Ballistics IQ system.

Background:

Ballistics IQ (BIQ) is an advanced hardware and software solution dedicated to analyzing fired cartridge cases (FCCs). By automating ballistics triage, it empowers agencies with rapid, reliable intelligence, reducing the time required to link shooting incidents and assisting in identifying violent offenders.

Reasons for Sole Source Procurement:

1. Proprietary Grouping and Analysis Capabilities

- *Automatic Grouping of FCCs:* BIQ uniquely groups FCC images by the firearm used. This analysis, crucial for crime scene linkage, is powered by BIQ's proprietary software.
- *Efficient Scanning:* With a rapid scanning rate of approximately 30 seconds per FCC, the system facilitates timely evidence processing.
- *Comprehensive Metadata Integration:* The system captures and organizes data, including retrieval details (location, date, and time), allowing law enforcement to correlate FCCs across multiple crime scenes.
- *Exclusive Ownership and Control:* Evidence IQ solely owns the Ballistics IQ software and its proprietary algorithms, which are critical for creating the Crime Scene Analysis (CSA) Triage Preview. This function is unique to Ballistics IQ, grouping FCC images by firearm and determining the most suitable case for NIBIN entry.

2. Automated Ballistics Imaging Triage

- *Unique Automated Solution:* BIQ stands as the only automated triage solution for ballistic imaging. Evidence IQ holds patents on both the hardware (Capture Tool Station) and software, making the company the exclusive provider of this technology.
- *Single Source of Acquisition:* Evidence IQ is the sole distributor of Ballistics IQ products and services.
- *Versatile and Portable Hardware:* BIQ uses a USB-powered Capture Tool Station, equipped with a 5-megapixel microscope camera. Compatible with agency computers, the system enables FCC scanning both in-field and on-site.
- *Flexible Hardware Options:* Two hardware configurations are available:



- Original BIQ Capture Station for single FCC scans.
 - New multi-scanner that allows simultaneous scanning of up to 20 FCCs.
 - *API Compatibility*: Ballistics IQ includes an open API, enabling integration with third-party investigative software—another exclusive feature.
3. **Enhanced Investigative Intelligence**
- *Linkage of Crime Scenes*: By scanning all recovered FCCs, BIQ aids investigators in identifying connections between various shooting incidents.
 - *Detailed CSA Report*: The CSA Report provides an estimated number of unique firearms involved in a crime, which aids in assessing the number of shooters. This intelligence directly supports investigative strategies, helping agencies manage resources efficiently.
 - *Quality Assurance Integration*: The CSA report can be electronically submitted to the Quality Assurance Team (QAT) for further analysis, including database searches for potential crime scene links.
4. **Quality Assurance Support by Expert Examiners**
- *Experienced Quality Assurance Team (QAT)*: Staffed exclusively by senior Firearms and Toolmark Examiners, the QAT ensures the accuracy of CSA reports.
 - *Timely Incident Linking*: Using BIQ's proprietary algorithm, the QAT swiftly searches the database for potential connections to other shootings, often within hours, providing rapid investigative support in urgent cases.
 - *Case-by-Case Review*: Each case is examined by a seasoned examiner, ensuring the highest quality control for linked incidents.
5. **Exclusive CSA Report Benefits for Evidence Pre-Examination**
- *Enhanced Organizational Capabilities*: The BIQ Crime Scene Analysis Report gives examiners a preliminary view of the evidence, assisting with organization during detailed court-level examinations.
 - *Optimized for Complex Cases*: In large-scale incidents, especially with multiple firearms, the CSA report streamlines the handling of numerous evidence items.

Conclusion:

Evidence IQ's Ballistics IQ system stands out as the only automated, fully integrated solution for ballistic imaging and intelligence triage, essential for state agencies and law enforcement. Its proprietary technology, expert support team, and exclusive hardware configurations offer unmatched value in resolving gun crime investigations.

If you have any questions or need additional information, please feel free to contact:

Matthew Brady

Chief Executive Officer

Evidence IQ

Phone: 1.630.209.2951

Email: Brady@EvidenceIQ.com





Ballistic Information Network Grant

Prepared by Village of Woodridge
for Illinois Law Enforcement Training and Standards Board FY 25 ILETSB - NIBIN Grant Program

Primary Contact: Shaun O Connor

Opportunity Details

Opportunity Information

CSFA Number

569-00-3497

CSFA Popular Name

ILETSB NIBIN Grant Program

Title

FY 25 ILETSB - NIBIN Grant Program

Description

Grants to local law enforcement agencies to support the purchase, expansion, and maintenance of equipment services that support the National Integrated Ballistics Information Network (NIBIN) and other ballistic technology equipment for ballistic testing. Grantees may receive payment by Advance payment, Reimbursement, or Working Capital Advance, subject to the approval of ILETSB and in accordance with the related policies and procedures.

Awarding Agency Name

Law Enforcement Training

Agency Contact Name

Allison Mesecher

Agency Contact Phone

217-782-4540

Agency Contact Email

ptb.grants@illinois.gov

Manager

Allison Mesecher

Additional Users

Lenora Burnom

Opportunity Posted Dates

11/22/2024 - 7/1/2029

Announcement Type

Initial Announcement

Public Link

<https://il.amplifund.com/Public/Opportunities/Details/b998b930-357d-4a26-90d3-8a10bd68eba9>

Is Published

Yes

Funding Information

Opportunity Funding

\$2,000,000.00

Funding Sources

State

Funding Source Description

General Revenue Funds

Award Information

Award Range

\$1.00 - \$500,000.00

Award Period

11/22/2024 - 06/30/2028

Award Type

Non Competitive

Capital Grant

Yes

Indirect Cost Description

Indirect Cost Rate

Restrictions on Indirect Costs

Yes

Citation Governing Indirect Cost Restriction

Submission Information

Submission Window

11/22/2024 10:00 AM - 04/01/2025 5:00 PM

Submission Timeline Type

One Time

Submission Timeline Additional Information

General Policies:

A. Grantees may request payment by advance funding, reimbursement, or working capital advance payment from the ILETSB NIBIN Grant Program. Grantees may request advance payment by notifying their Grant Program Manager or their designee and providing an ILETSB Advance Payment Request Form. If a Grantee has more than one grant from ILETSB, a separate request must be submitted for each grant. Requests must be signed by either the Grantees' Chief Executive Officer or Chief Financial Officer (or equivalent). ILETSB will then determine whether the Grantee meets the requirements in 2 CFR 200.302 (Financial Management) and 44 Ill. Admin. Code 7000.120(b)(i)(A) (Advance Payments). ILETSB will provide that determination in writing to the Grantee after the award.

B. The timing and amount of the advance payment, reimbursement, or working capital advance payment request must be as close as is administratively feasible to the actual disbursements by the Grantee for direct program or project cost. Additio

Allow Multiple Applications

No

Application Review Start Date / Pre-Qualification Deadline

11/22/2024

Other Submission Requirements

If funds have been awarded in previous fiscal years, you are required to have up to date performance, financial reports and movement with original funds before currently application is reviewed.

Question Submission Information

Question Submission Open Date
11/22/2024 10:00 AM

Question Submission Close Date
04/01/2025 5:00 PM

Question Submission Email Address
ptb.grants@illinois.gov

Question Submission Additional Information

Please review provided materials, attachments, and documents via our website prior to submitting questions related to the grant.

<https://www.ptb.illinois.gov/resources/grant-information/>

For Amplifund related questions please use:

<https://il-amplifund.zendesk.com/hc/en-us>

Attachments

- PDF Periodic Performance Report
- PDF Periodic Financial Report
- NIBIN Grant Policies & Procedures

Technical Assistance Session

Technical Assistance Session
No

Eligibility Information

Eligibility Type
Public

Eligible Applicants

- Government Organizations

Additional Eligibility Information

Applicant Eligibility: Law enforcement agencies meeting the following criteria are eligible for financial assistance from the Program. The law enforcement agency must: 1) be an Illinois law enforcement agency of a unit of local government, or public university reflected in the Board's Law Enforcement Document Interchange (LEDI) database; 2) be intending to purchase and possess ballistic imaging and comparison equipment that allows or assists law enforcement agencies and forensic laboratories to conduct an initial comparison of thousands of pieces of crime firearm evidence; 3) be capable of processing firearm test fires and ballistic evidence from other agencies within 30 days; and 4) be willing to share NIBIN and ballistics imaging equipment, facilities, and intelligence.

In addition, Grantees will be expected to meet the following as a condition of receiving an award:

A. Grantees must comply with the Administrative Rules of the Grant Accountability and Transparency Act, 44 Ill. Adm. Code 70

B. Grantees must

Additional Information

Additional Information URL
<https://grants.illinois.gov/portal/Default.aspx>

Additional Information URL Description

The URL provided is an access to Amplifund Sign in, User Guides, Grantee Portal registration, and Frequently Asked Questions.

Award Administration Information

Reporting

Please see attached Policies & Procedures for breakdown of reporting requirements.

Financial Reporting: Grantees must submit monthly Periodic Financial Reports (PFRs) of their actual cash disbursements for reimbursement in a format prescribed by the Grant Program Manager or their designee demonstrating all allowable expenditures for each month of operations until the end of the grant term. PFRs will be submitted to the respective Grant Program Manager or their designee not later than the 15th day following the end of any respective monthly billing period, or as described by the Uniform Grant Agreement. The first PFR is due after the first month of grant operations. Monthly PFRs must be submitted to the respective Grant Program Manager or their designee in the method prescribed in the grant agreement or as prescribed by ILETSB.

Programmatic Reporting: Grantee must submit quarterly reports for the period of performance following the date of award. After receiving an award, grant recipients shall collect data

State Awarding Agency Contacts

Illinois Law Enforcement Training and Standards Board
500 S. 9th Street
Springfield, IL 62701
217-782-4540
PTB.Grants@illinois.gov
<https://www.ptb.illinois.gov/resources/grant-information/>

Other Information

The period of performance for this grant is three years. During that period, grantees must submit quarterly performance and financial reports indicating how the award has been utilized.

There is no matching requirement for this grant program.

Frequently Asked Questions - Coming Soon

Project Information

Application Information

Application Name

Ballistic Information Network Grant

Award Requested

\$24,999.00

Cash Match Requirement

\$0.00

Cash Match Contributions

\$0.00

In-Kind Match Requirement

\$0.00

In-Kind Match Contributions

\$0.00

Other Funding Requirement

\$0.00

Other Funding Contributions

\$0.00

Total Award Budget

\$24,999.00

Primary Contact Information

Name

Shaun O Connor

Email Address

soconnor@woodridgeil.gov

Address

7215 Janes Ave, One Plaza Drive (Police)
Woodridge, IL 60517

Phone Number

630 7194730

Reconciliation Methods

Allowable Reconciliation Methods

Working Capital, Reimbursement

Attachments

[NIBIN Grant Policies & Procedures](#)

Justification For Reconciliation Method

Supporting Documentation

AmpliFund

Ballistic Information Network Grant
Village of Woodridge

Suggested Initial Advance
\$24,999.00 (100.00% of total budget)

Proposed Initial Advance
\$0.00

Suggested Working Capital Rate
100.00%

Proposed Working Capital Rate
0.00%

Project Description

Uniform Grant Application - Applicant Completed Section

Applicant Information

Legal Name (Name used for UEI registration and grantee pre-qualification)
Village of Woodridge

Common Name (DBA)
Village of Woodridge

Employer/Taxpayer Identification Number (EIN, TIN)
36-2442486

Unique Entity Identifier (UEI) Number
NP21F7MWFJ9

GATA ID (assigned through the grantee portal)
681424

SAM Cage Code
5CLA6

Applicant's Organizational Unit

Department Name
Woodridge Police Department

Division Name

Applicant's Name and Contact Information for Person to be Contacted for Program Matters involving this Application

First Name
Shaun

Last Name
O'Connor

Suffix

Title
Management Analyst

Organizational Affiliation
Woodridge Police

Telephone Number
6307194730

Fax Number

Email Address
soconnor@woodridgeil.gov

Applicant's Name and Contact Information for Person to be Contacted for Business/Administrative Office Matters involving this Application

First Name

Shaun

Last Name

O'Connor

Suffix

Title

Management Analyst

Organizational Affiliation

Woodridge Police

Telephone Number

6307194730

Fax Number

Email Address

soconnor@woodridgeil.gov

Areas Affected

Are areas affected by the project?

☒ Yes

☐ No

Please list the areas affected by the Project (cities, counties, state-wide)

On a regional level, this technology has the ability to impact all surrounding communities/localities positively. Departments in DuPage County will be able to use this hardware and software to assist with their investigations. Woodridge Police is part of the Metropolitan Emergency Response and Investigation Team (MERIT), formed as a collaboration of specialized resources, expertise, and manpower.

Add Attachments (e.g., maps)

MERIT_Brochure.pdf

Legislative and Congressional Districts of Applicant

State Representatives

Nicole La Ha - 82nd District / Dagmara Avelar - 85th District / Anne Stava-Murray - 81st District

Federal

Sean Casten - 6th Congressional District / Bill Foster - 11th District

Legislative and Congressional Districts of Program/Project

Attach an additional list, if necessary

Applicant's Project

Description Title of Applicant's Project

National Integrated Ballistics Information Network

Proposed Project Term Start Date

1/1/2025

Proposed Project Term End Date

Applicant Certification

By signing this application, I certify (1) to the statements contained in the list of certificaions* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil or administrative penalties. (U.S. Code, Title 18, Section 1001)

(*)The list of certification and assurances, or an internet site where you may obtain this list is contained in the Notice of Funding Opportunity. If a NOFO was not required for the award, the state agency will specify required assurances and certifications as an addendum to the application.

Applicant Certification

☒ I agree

W-9 Collection

Upload a copy of your most recent W-9 form here.
W-9 (blank).pdf

W-9 Address: Please verify the address listed on your most recent W-9 form.
Five Plaza Drive

Grantee (your organization) is Doing Business as a (Please select one)

Governmental Unit

General Application Information

National Integrated Ballistic Information Network - Grant General Information

Authority

Public Act 102-698 allows the Illinois Law Enforcement Training Standards Board to make grants for grants to local law enforcement agencies for costs associated with the expansion and support of National Integrated Ballistics Information Network (NIBIN) and other ballistic technology equipment for ballistic testing. Agencies must abide by all requirements contained in the Grant Accountability and Transparency Act, Police Training Act, and also complete all reports and requirements if they receive monies from this grant program.

Name of Law Enforcement Agency making this application:

Woodridge Police Department

Address:

7215 Janes Ave

Name of individual completeing this application

Shaun O'Connor

Email address

soconnor@woodridgeil.gov

Telephone

630-719-4730

Eligibility

Law enforcement agencies meeting the following criteria are eligible for financial assistance from the Program. Please check all that apply:

- ☒ Applicant is an Illinois law enforcement agency of a unit of local government, or public university reflected in the Board's Law Enforcement Document Interchange database
- ☒ Applicant possess ballistic imaging and comparison equipment that allows or assists law enforcement agencies and forensic laboratories to conduct an initial comparison of thousands of pieces of crime firearm evidence in seconds
- ☒ Applicant is capable of processing firearm test fires and ballistic evidence within 30 days
- ☒ Applicant is willing to share NIBIN and ballistics imaging equipment, facilities, and intelligence

To be eligible for this grant, your agency must have a policy that a) ensures that the equipment will not be used for any unauthorized purposes, that the equipment will be protected from loss, damage, and theft, and that anyone using the equipment is properly trained in its operation and safety; b) Acknowledges that the Illinois Law Enforcement Training & Standards Board has an interest in the equipment and the Board's approval must be obtained before the equipment is moved, transferred, or otherwise disposed within three years of receipt of an award. Please upload your policy here.

Village of Woodridge Police Department policy DRAFT.docx

Request for Reimbursement

Eligible expenses:

The Illinois Law Enforcement Training Standards Board shall award:

1) Purchase and expansion grants up to \$500,000 to law enforcement agencies to assist them with the establishment of NIBIN ballistic imaging facilities that can be shared among law enforcement agencies. These grants may be used for costs associated with:

A) The purchase of ballistic imaging and comparison equipment;

B) The relocation or transfer of equipment, or both, to a space where ballistic imaging facilities can be shared among multiple law enforcement agencies; or

C) The construction or renovation, or both, of a building to house ballistic imaging equipment to be shared among multiple law enforcement agencies.

2) Support grants up to \$150,000, for the support of existing NIBIN ballistic imaging facilities that are shared with at least 3 other law enforcement agencies. These grants may be used for operator support, equipment for safe test firing of crime firearms, ammunition for test firing, maintenance fees, system upgrades, general maintenance, and required repairs;

3) Purchase grants up to \$25,000 to law enforcement agencies to obtain ballistic imaging and comparison equipment that communicates with the NIBIN database or assists in the imaging and assessment of ballistic identification data; and

4) Education and training grants up to \$25,000, for training associated with operation and use of NIBIN facilities or ballistic imaging equipment in Illinois completed by active law enforcement officers.

Please briefly describe your purchase.

Obtaining Ballistics IQ imaging and comparison equipment from Evidence IQ to assist in the imaging and assessment of the ballistics identification data. Purchase includes portable fired cartridge case scanning equipment, 1 year of service, and 50 rapid ballistic cases. This purchase is consistent with eligible expense item 3 above.

What is the requested dollar value of your reimbursement?

\$24,999.00

Please upload your documentation and receipts of purchase here:

Invoice from Evidence IQ, Woodridge PD, paid.pdf

Requirements

After accepting an award, law enforcement agencies must submit the following documentation prior to receiving any distribution

of funds:

- 1) Documentation indicating the date the purchase was initiated;
- 2) The make, model, manufacturer, and serial numbers of the ballistic imaging and comparison equipment purchased and received;
- 3) The per unit cost of each NIBIN related device;
- 4) The description, cost, and quantity of any associated technological equipment required solely for operating the ballistic imaging and comparison equipment; and
- 5) Documentation that the costs associated with the purchase of the ballistic imaging and comparison equipment and associated technology have been satisfied with a payment, and the date such payment was made.

Do you have this documentation to submit at this time?

- ☒ Yes
☐ No

Demographic Requirements

How many law enforcement officers are employed by your agency?

51

Regarding the Uniform Crime Reporting Act, is your agency:

- ☒ Fully Compliant
☐ Partially Compliant
☐ Not at all Compliant

The crime rate in your jurisdiction (as identified by the Illinois State Police)?

68.4

What is the the median household income in the law enforcement agency's community (as identified by the U.S. Census Bureau)?

\$91,399.00

Has your jurisdiction received revenue from red light and or speed enforcement cameras within the last three years?

- ☐ Yes
☒ No

The total number of firearm discharge incidents in the law enforcement agency's community?

3-2023 / 9-2022

Reporting

Annual Reporting

After receiving an award, each grant recipient shall collect and submit the following data to the Illinois Law Enforcement

Training Standards Board, before May 1st of the following calendar year:

- 1) how many NIBIN entries of ballistic evidence and test fires were performed;**
- 2) how many NIBIN or ballistic imaging leads were generated by that grant recipient; and**
- 3) how many law enforcement agencies submitted evidence to the grant recipient.**

Do you acknowledge this annual reporting requirement as a conditon to receiving funds from this grant program?

- ☒ Yes
☐ No

Budgetary Requirements

In the next step of this application, you will fill out your pre-award budget in the budget section.

Please use only the equipment, contracted services, and training catergories that correspond to the items included in your request for reimbursement.

Ensure that your budget line items equal what you entered in the application forms.

Confirm that you have read and understand the above before submitting your budget.

- ☒ Yes
☐ No

Budget

Proposed Budget Summary

Expense Budget

	Grant Funded	Initial Advance	Non-Grant Funded	Total Budgeted
4. Equipment (2 CFR 200.439)				
Ballistics Information Network	\$24,999.00	\$0.00	\$0.00	\$24,999.00
Subtotal	\$24,999.00	\$0.00	\$0.00	\$24,999.00
Total Proposed Cost	\$24,999.00	\$0.00	\$0.00	\$24,999.00

Revenue Budget

	Grant Funded	Non-Grant Funded	Total Budgeted
Grant Funding			
Award Requested	\$24,999.00		\$24,999.00
Subtotal	\$24,999.00		\$24,999.00
Non-Grant Funding			
Cash Match		\$0.00	\$0.00
In-Kind Match		\$0.00	\$0.00
Other Funding and Contributions		\$0.00	\$0.00
Subtotal		\$0.00	\$0.00
Total Proposed Revenue	\$24,999.00	\$0.00	\$24,999.00

Proposed Budget Detail

See attached spreadsheet.

Proposed Budget Narrative

4. Equipment (2 CFR 200.439)

Equipment is defined as an article of tangible personal property that has a useful life of more than one year and a per-unit acquisition cost which equals or exceeds the lesser of the capitalization level established by the non-Federal entity for financial statement purposes, or \$5,000. An applicant organization may classify equipment at a lower dollar value but cannot classify it higher than \$5,000. (Note: Organization's own capitalization policy for classification of equipment can be used). Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the Contractual Services category.

We are obtaining Ballistic IQ ballistic imaging & comparison equipment from Evidence IQ to assist in the imaging & assessment of the ballistic identification data. Purchase includes portable fired cartridge case scanning equipment, one year of service & 50 rapid ballistic cases. This purchase is consistent with eligible expense item 3 above.