



Department of Justice
Office of Justice Programs
National Institute of Justice

Grant

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1. RECIPIENT NAME AND ADDRESS (Including Zip Code) City of Los Angeles 200 N. Spring Street SW Mezzanine, Rm. M175 Los Angeles, CA 90012-3302		4. AWARD NUMBER: 2014-CD-BX-0020	
		5. PROJECT PERIOD: FROM 10/01/2014 TO 09/30/2015 BUDGET PERIOD: FROM 10/01/2014 TO 09/30/2015	
1A. GRANTEE IRS/VENDOR NO. 956000735		6. AWARD DATE 09/04/2014	7. ACTION Initial
		8. SUPPLEMENT NUMBER 00	
		9. PREVIOUS AWARD AMOUNT \$ 0	
3. PROJECT TITLE Firearms Analysis Unit BULLETTRAX Implementation and Backlog Containment		10. AMOUNT OF THIS AWARD \$ 168,980	
		11. TOTAL AWARD \$ 168,980	
12. SPECIAL CONDITIONS THE ABOVE GRANT PROJECT IS APPROVED SUBJECT TO SUCH CONDITIONS OR LIMITATIONS AS ARE SET FORTH ON THE ATTACHED PAGE(S).			
13. STATUTORY AUTHORITY FOR GRANT This project is supported under FY14(NIJ - Coverdell Forensic Science Improvement) 42 USC 3797j-3797o; 28 USC 530C			
15. METHOD OF PAYMENT GPRS			
AGENCY APPROVAL		GRANTEE ACCEPTANCE	
16. TYPED NAME AND TITLE OF APPROVING OFFICIAL Karol Virginia Mason Assistant Attorney General		18. TYPED NAME AND TITLE OF AUTHORIZED GRANTEE OFFICIAL Charlie Beck Chief of Police	
17. SIGNATURE OF APPROVING OFFICIAL 		19. SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL 	19A. DATE 9-11-14
AGENCY USE ONLY			
20. ACCOUNTING CLASSIFICATION CODES FISCAL FUND BUD. DIV. YEAR CODE ACT. OFC. REG. SUB. POMS AMOUNT X B CD 60 00 00 168980		21. NCDSGT0025	

OJP FORM 4000/2 (REV. 5-87) PREVIOUS EDITIONS ARE OBSOLETE.

OJP FORM 4000/2 (REV. 4-88)



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1. The recipient agrees to comply with the financial and administrative requirements set forth in the current edition of the Office of Justice Programs (OJP) Financial Guide.
2. The recipient acknowledges that failure to submit an acceptable Equal Employment Opportunity Plan (if recipient is required to submit one pursuant to 28 C.F.R. Section 42.302), that is approved by the Office for Civil Rights, is a violation of its Certified Assurances and may result in suspension or termination of funding, until such time as the recipient is in compliance.
3. The recipient agrees to comply with the organizational audit requirements of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations, and further understands and agrees that funds may be withheld, or other related requirements may be imposed, if outstanding audit issues (if any) from OMB Circular A-133 audits (and any other audits of OJP grant funds) are not satisfactorily and promptly addressed, as further described in the current edition of the OJP Financial Guide.
4. Recipient understands and agrees that it cannot use any federal funds, either directly or indirectly, in support of the enactment, repeal, modification or adoption of any law, regulation or policy, at any level of government, without the express prior written approval of OJP.
5. The recipient must promptly refer to the DOJ OIG any credible evidence that a principal, employee, agent, contractor, subgrantee, subcontractor, or other person has either 1) submitted a false claim for grant funds under the False Claims Act; or 2) committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct involving grant funds. This condition also applies to any subrecipients. Potential fraud, waste, abuse, or misconduct should be reported to the OIG by -

mail:

Office of the Inspector General
U.S. Department of Justice
Investigations Division
950 Pennsylvania Avenue, N.W.
Room 4706
Washington, DC 20530

e-mail: oig.hotline@usdoj.gov

hotline: (contact information in English and Spanish): (800) 869-4499

or hotline fax: (202) 616-9881

Additional information is available from the DOJ OIG website at www.usdoj.gov/oig.

6. Recipient understands and agrees that it cannot use any federal funds, either directly or indirectly, in support of any contract or subaward to either the Association of Community Organizations for Reform Now (ACORN) or its subsidiaries, without the express prior written approval of OJP.
7. The recipient agrees to comply with any additional requirements that may be imposed during the grant performance period if the agency determines that the recipient is a high-risk grantee. Cf. 28 C.F.R. parts 66, 70.



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8. The recipient agrees to comply with applicable requirements regarding registration with the System for Award Management (SAM) (or with a successor government-wide system officially designated by OMB and OJP). The recipient also agrees to comply with applicable restrictions on subawards to first-tier subrecipients that do not acquire and provide a Data Universal Numbering System (DUNS) number. The details of recipient obligations are posted on the Office of Justice Programs web site at <http://www.ojp.gov/funding/sam.htm> (Award condition: Registration with the System for Award Management and Universal Identifier Requirements), and are incorporated by reference here. This special condition does not apply to an award to an individual who received the award as a natural person (i.e., unrelated to any business or non-profit organization that he or she may own or operate in his or her name).
9. Pursuant to Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving," 74 Fed. Reg. 51225 (October 1, 2009), the Department encourages recipients and sub recipients to adopt and enforce policies banning employees from text messaging while driving any vehicle during the course of performing work funded by this grant, and to establish workplace safety policies and conduct education, awareness, and other outreach to decrease crashes caused by distracted drivers.
10. The recipient agrees to comply with all applicable laws, regulations, policies, and guidance (including specific cost limits, prior approval and reporting requirements, where applicable) governing the use of federal funds for expenses related to conferences, meetings, trainings, and other events, including the provision of food and/or beverages at such events, and costs of attendance at such events. Information on pertinent laws, regulations, policies, and guidance is available in the OJP Financial Guide Conference Cost Chapter.
11. The recipient understands and agrees that any training or training materials developed or delivered with funding provided under this award must adhere to the OJP Training Guiding Principles for Grantees and Subgrantees, available at <http://www.ojp.usdoj.gov/funding/ojptrainingguidingprinciples.htm>.
12. The recipient agrees that if it currently has an open award of federal funds or if it receives an award of federal funds other than this OJP award, and those award funds have been, are being, or are to be used, in whole or in part, for one or more of the identical cost items for which funds are being provided under this OJP award, the recipient will promptly notify, in writing, the grant manager for this OJP award, and, if so requested by OJP, seek a budget-modification or change-of-project-scope grant adjustment notice (GAN) to eliminate any inappropriate duplication of funding.
13. The recipient understands and agrees that award funds may not be used to discriminate against or denigrate the religious or moral beliefs of students who participate in programs for which financial assistance is provided from those funds, or of the parents or legal guardians of such students.
14. The recipient understands and agrees that - (a) No award funds may be used to maintain or establish a computer network unless such network blocks the viewing, downloading, and exchanging of pornography, and (b) Nothing in subsection (a) limits the use of funds necessary for any Federal, State, tribal, or local law enforcement agency or any other entity carrying out criminal investigations, prosecution, or adjudication activities.
15. The recipient agrees to comply with applicable requirements to report first-tier subawards of \$25,000 or more and, in certain circumstances, to report the names and total compensation of the five most highly compensated executives of the recipient and first-tier subrecipients of award funds. Such data will be submitted to the FFATA Subaward Reporting System (FSRS). The details of recipient obligations, which derive from the Federal Funding Accountability and Transparency Act of 2006 (FFATA), are posted on the Office of Justice Programs web site at <http://www.ojp.gov/funding/ffata.htm> (Award condition: Reporting Subawards and Executive Compensation), and are incorporated by reference here. This condition, and its reporting requirement, does not apply to grant awards made to an individual who received the award as a natural person (i.e., unrelated to any business or non-profit organization that he or she may own or operate in his or her name).



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16. A. Generally Accepted Laboratory Practices. The recipient shall ensure that any forensic laboratory, forensic laboratory system, medical examiner's office, or coroner's office that will receive any portion of the award uses generally accepted laboratory practices and procedures as established by accrediting organizations or appropriate certifying bodies.
- B. External Investigations. The recipient shall ensure that requirements associated with 42 U.S.C. section 3797k(4) (which relate to processes in place to conduct independent external investigations into allegations of serious negligence or misconduct by employees or contractors) are satisfied with respect to any forensic laboratory system, medical examiner's office, coroner's office, law enforcement storage facility, or medical facility in the State that will receive a portion of the grant amount.
- C. Use of Funds; No Research. Funds provided under this award shall be used only for the purposes and types of expenses set forth in the fiscal year 2014 program solicitation. Funds shall not be used for general law enforcement functions or non-forensic investigatory functions, and shall not be used for research or statistical projects or activities. Use of award funds for construction of new facilities is restricted by statute. Any questions concerning this provision should be directed to the NIJ Program Manager prior to incurring the expense or commencing the activity in question.
- D. Performance Measures. To ensure compliance with the Government Performance and Results Act (Pub. L. No. 103-62) and the GPRA Modernization Act of 2010 (Pub. L. No. 111-352), program performance under this fiscal year 2014 award is measured by the following: (1) percent reduction in the average number of days from the submission of a sample to a forensic science laboratory to the delivery of test results to a requesting office or agency (calculated by reporting the average number of days to process a sample at the beginning of the grant period versus the average number of days to process a sample at the end of the grant period); (2) percent reduction in the number of backlogged forensic cases (calculated by reporting the number of backlogged forensic cases at the beginning of the grant period versus the number of backlogged forensic cases at the end of grant period), if applicable to the award; and (3) the number of forensic science or medical examiner personnel who completed appropriate training or educational opportunities with fiscal year 2014 Coverdell funds, if applicable to the award. Recipients are required to collect and report data relevant to these measures.
17. The recipient understands and agrees that gross income (revenues) from fees charged for forensic science or medical examiner services constitutes program income (in whole or in part), and that program income must be determined, used, and documented in accordance with the provisions of 28 C.F.R. 66.25, including as applied in the Office of Justice Programs (OJP) Financial Guide, as it may be revised from time to time. The recipient further understands and agrees that both program income earned during the award period and expenditures of such program income must be reported on the quarterly and final Federal Financial Reports (SF 425) and are subject to audit.

The recipient understands and agrees that program income earned during the award period may be expended only for permissible uses of funds specifically identified in the solicitation for the FY 2014 Paul Coverdell Forensic Science Improvement Grants Program. The recipient further understands and agrees that program income earned during the award period may not be used to supplant State or local government funds, but instead may be used only to increase the amount of funds that would, in the absence of Federal funds or program income, be available from State or local government sources for the permissible uses of funds listed in the FY 2014 program solicitation.

The recipient understands and agrees that program income that is earned during the final ninety (90) days of the award period may, if appropriate, be obligated (as well as expended) for permissible uses during the ninety-day (90-day) period following the end of the award period. The recipient further understands and agrees that any program income earned during the award period that is not obligated and expended within ninety (90) days of the end of the award period must be returned to OJP.



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18. The recipient understands and agrees that, throughout the award period, it must promptly notify NIJ if it either starts or stops charging fees for forensic science or medical examiner services, or if it revises its method of allocating fees received for such services to program income. Notice must be provided in writing to the NIJ program manager for the award within ten (10) business days of implementation of the change.
19. The recipient agrees that it will submit quarterly financial status reports to OJP on-line (at <https://grants.ojp.usdoj.gov>) using the SF 425 Federal Financial Report form (available for viewing at www.whitehouse.gov/omb/grants/standard_forms/ff_report.pdf), not later than 30 days after the end of each calendar quarter. The final report shall be submitted not later than 90 days following the end of the award period.
20. The recipient shall submit semiannual progress reports. Progress reports shall be submitted within 30 days after the end of the reporting periods, which are June 30 and December 31, for the life of the award. These reports will be submitted to the Office of Justice Programs, on-line through the Internet at <https://grants.ojp.usdoj.gov/>.
21. The recipient agrees to submit a final report, at the end of this award, documenting all relevant project activities during the entire period of support under this award. This report will include the following: (1) a summary and assessment of the program carried out with the fiscal year 2014 grant, which shall include a comparison of pre-grant and post-grant forensic science capabilities (and shall cite the specific improvements in quality and/or timeliness of forensic science or medical examiner services); (2) the average number of days between submission of a sample to a forensic science laboratory or forensic science laboratory system in that State operated by the State or by a unit of local government and the delivery of test results to the requesting office or agency; and (3) an identification of the number and type of cases currently accepted by the forensic science laboratory or forensic science laboratory system. The recipient is required to collect data necessary for this report. This report is due no later than 90 days following the close of the award period or the expiration of any extension periods. The report can be filed online through the Internet at: <https://grants.ojp.usdoj.gov/>.
22. The recipient acknowledges that, as stated in the solicitation for the FY 2014 Paul Coverdell Forensic Science Improvement Grants Program, NIJ assumes that recipients (and subrecipients) of Coverdell funds will make use of the process referenced in their certification as to external investigations and will refer allegations of serious negligence or misconduct substantially affecting the integrity of forensic results to government entities with an appropriate process in place to conduct independent external investigations, such as the government entity (or entities) identified in the grant application.

The recipient shall submit the following information as part of its final report: (1) the number and nature of any allegations of serious negligence or misconduct substantially affecting the integrity of forensic results received during the 12-month period of the award; (2) information on the referrals of such allegations (e.g., the government entity or entities to which referred, the date of referral); (3) the outcome of such referrals (if known as of the date of the report); and (4) if any such allegations were not referred, the reason(s) for the non-referral.

Should the project period for this award be extended, the recipient shall submit the above information as to the first twelve months of the award as part of the first semi-annual progress report that comes due after the conclusion of the first twelve months of the project period, and shall submit the required information as to subsequent twelve-month periods every twelve months thereafter (as part of a semi-annual progress report) until the close of the award period, at which point the recipient shall submit the required information as to any period not covered by prior reports as part of its final report.

The recipient understands and agrees that funds may be withheld (including funds under future awards), or other related requirements may be imposed, if the required information is not submitted on a timely basis.

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23. To assist in information sharing, the award recipient shall provide the NIJ program manager with a copy of publications (including those prepared for conferences and other presentations) resulting from this award, prior to or simultaneous with their public release. NIJ defines publications as any written, visual or sound material substantively based on the project, formally prepared by the award recipient for dissemination to the public. Submission of publications prior to or simultaneous with their public release aids NIJ in responding to any inquiries that may arise. Any publications - excluding press releases and newsletters - whether published at the recipient's or government's expense, shall contain the following statement: "This project was supported by Award No. _____, awarded by the National Institute of Justice, Office of Justice Programs, U.S. Department of Justice. The opinions, findings, and conclusions or recommendations expressed in this publication/program/exhibition are those of the author(s) and do not necessarily reflect those of the Department of Justice." This statement shall appear on the first page of written publications. For audio and video publications, it shall be included immediately after the title of the publication in the audio or video file.
24. The recipient shall transmit to the NIJ program manager copies of all official award-related press releases at least ten (10) working days prior to public release. Advance notice permits time for coordination of release of information by NIJ where appropriate and to respond to press or public inquiries.
25. The recipient acknowledges that the Office of Justice Programs (OJP) reserves a royalty-free, non-exclusive, and irrevocable license to reproduce, publish, or otherwise use, and authorize others to use (in whole or in part, including in connection with derivative works), for Federal purposes: (1) any work subject to copyright developed under an award or subaward; and (2) any rights of copyright to which a recipient or subrecipient purchases ownership with Federal support.

The recipient acknowledges that OJP has the right to (1) obtain, reproduce, publish, or otherwise use the data first produced under an award or subaward; and (2) authorize others to receive, reproduce, publish, or otherwise use such data for Federal purposes. "Data" includes data as defined in Federal Acquisition Regulation (FAR) provision 52.227-14 (Rights in Data - General).

It is the responsibility of the recipient (and of each subrecipient, if applicable) to ensure that this condition is included in any subaward under this award.

The recipient has the responsibility to obtain from subrecipients, contractors, and subcontractors (if any) all rights and data necessary to fulfill the recipient's obligations to the Government under this award. If a proposed subrecipient, contractor, or subcontractor refuses to accept terms affording the Government such rights, the recipient shall promptly bring such refusal to the attention of the OJP program manager for the award and not proceed with the agreement in question without further authorization from the OJP program office.

26. Approval of this award does not indicate approval of any consultant rate in excess of \$650 per day. A detailed justification must be submitted to and approved by the Office of Justice Programs (OJP) program office prior to obligation or expenditure of such funds.

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27. The recipient agrees to comply with all Federal, State, and local environmental laws and regulations applicable to the development and implementation of the activities to be funded under this award.

Categorical Exclusion: Based upon the information provided by the recipient in its application for these funds, NIJ has determined and the recipient understands that the proposed activities meet the definition of a categorical exclusion, as defined in the Department of Justice Procedures for Implementing the National Environmental Policy Act found at 28 CFR Part 61 (including Appendix D). A categorical exclusion is an action that because of the proposed activities' very limited and predictable potential environmental impacts, both on an individual and a cumulative basis, does not have a significant impact on the quality of the human environment. Consequently, no further environmental impact analysis is necessary under the requirements of the National Environmental Policy Act, 42 U.S.C. 4321, for these categorically excluded activities.

Modifications: Throughout the term of this award, the recipient agrees that for any activities that are the subject of this categorical exclusion, it will inform NIJ of-- (1) any change(s) that it is considering making to the previously assessed activities that may be relevant to the environmental impacts of the activities; or (2) any proposed new activities or changed circumstances that may require assessment as to environmental impact, such as new activities that involve the use of chemicals or involve construction or major renovation. The recipient will not implement a proposed change or new activity until NIJ, with the assistance of the recipient, has completed any applicable environmental impact review requirements necessitated by the proposed change or new activity (or changed circumstances) and NIJ has concurred in the proposed change or new activity. This approval will not be unreasonably withheld as long as any requested modification(s) is consistent with eligible program purposes and found acceptable under an NIJ-conducted environmental impact review process.

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Department of Justice
Office of Justice Programs

Office of the Assistant Attorney General

Washington, D.C. 20531

September 4, 2014

Chief Charlie Beck
City of Los Angeles
200 N. Spring Street
SW Mezzanine, Rm. M175
Los Angeles, CA 90012-3302

Dear Chief Beck:

On behalf of Attorney General Eric Holder, it is my pleasure to inform you that the Office of Justice Programs has approved your application for funding under the FY 14 Paul Coverdell Forensic Science Improvement Grants Program in the amount of \$168,980 for City of Los Angeles. This funding is for the project titled, "FY 2014 Paul Coverdell Forensic Science Improvement Grants Program."

Enclosed you will find the Grant Award and Special Conditions documents. This award is subject to all administrative and financial requirements, including the timely submission of all financial and programmatic reports, resolution of all interim audit findings, and the maintenance of a minimum level of cash-on-hand. Should you not adhere to these requirements, you will be in violation of the terms of this agreement and the award will be subject to termination for cause or other administrative action as appropriate.

If you have questions regarding this award, please contact:

- Program Questions, Alan Spanbauer, Program Manager at (202) 305-2436; and
- Financial Questions, the Office of the Chief Financial Officer, Customer Service Center (CSC) at (800) 458-0786, or you may contact the CSC at ask.ocfo@usdoj.gov.

Congratulations, and we look forward to working with you.

Sincerely,

A handwritten signature in black ink that reads "Karol V. Mason".

Karol Virginia Mason
Assistant Attorney General

Enclosures



OFFICE FOR CIVIL RIGHTS

Office of Justice Programs

Department of Justice

810 7th Street, NW
Washington, DC 20531

Tel: (202) 307-0690

TTY: (202) 307-2027

E-mail: askOCR@usdoj.gov

Website: www.ojp.usdoj.gov/ocr

September 4, 2014

Chief Charlie Beck
City of Los Angeles
200 N. Spring Street
SW Mezzanine, Rm. M175
Los Angeles, CA 90012-3302

Dear Chief Beck:

Congratulations on your recent award. In establishing financial assistance programs, Congress linked the receipt of federal funding to compliance with federal civil rights laws. The Office for Civil Rights (OCR), Office of Justice Programs (OJP), U.S. Department of Justice (DOJ) is responsible for ensuring that recipients of financial assistance from the OJP, the Office of Community Oriented Policing Services (COPS), and the Office on Violence Against Women (OVW) comply with the applicable federal civil rights laws. We at the OCR are available to help you and your organization meet the civil rights requirements that come with DOJ funding.

Ensuring Access to Federally Assisted Programs

Federal laws that apply to recipients of financial assistance from the DOJ prohibit discrimination on the basis of race, color, national origin, religion, sex, or disability in funded programs or activities, not only in employment but also in the delivery of services or benefits. A federal law also prohibits recipients from discriminating on the basis of age in the delivery of services or benefits.

In March of 2013, President Obama signed the Violence Against Women Reauthorization Act of 2013. The statute amends the Violence Against Women Act of 1994 (VAWA) by including a nondiscrimination grant condition that prohibits discrimination based on actual or perceived race, color, national origin, religion, sex, disability, sexual orientation, or gender identity. The new nondiscrimination grant condition applies to certain programs funded after October 1, 2013. The OCR and the OVW have developed answers to some frequently asked questions about this provision to assist recipients of VAWA funds to understand their obligations. The Frequently Asked Questions are available at <http://ojp.gov/about/ocr/vawafaqs.htm>.

Enforcing Civil Rights Laws

All recipients of federal financial assistance, regardless of the particular funding source, the amount of the grant award, or the number of employees in the workforce, are subject to prohibitions against unlawful discrimination. Accordingly, the OCR investigates recipients that are the subject of discrimination complaints from both individuals and groups. In addition, based on regulatory criteria, the OCR selects a number of recipients each year for compliance reviews, audits that require recipients to submit data showing that they are providing services equitably to all segments of their service population and that their employment practices meet equal opportunity standards.

Providing Services to Limited English Proficiency (LEP) Individuals

In accordance with DOJ guidance pertaining to Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d, recipients of federal financial assistance must take reasonable steps to provide meaningful access to their programs and activities for persons with limited English proficiency (LEP). See U.S. Department of Justice, Guidance to Federal Financial Assistance Recipients Regarding Title VI Prohibition Against National Origin Discrimination Affecting Limited English Proficient Persons, 67 Fed. Reg. 41,455 (2002). For more information on the civil rights responsibilities that recipients have in providing language services to LEP individuals, please see the website <http://www.lep.gov>.

Ensuring Equal Treatment for Faith-Based Organizations

The DOJ regulation, Equal Treatment for Faith-Based Organizations, 28 C.F.R. pt. 38, requires State Administering Agencies (SAAs) to treat faith-based organizations the same as any other applicant or recipient. The regulation prohibits SAAs from making awards or grant administration decisions on the basis of an organization's religious character or affiliation, religious name, or the religious composition of its board of directors.

The regulation also prohibits faith-based organizations from using financial assistance from the DOJ to fund inherently (or explicitly) religious activities. While faith-based organizations can engage in non-funded inherently religious activities, they must hold them separately from the program funded by the DOJ, and recipients cannot compel beneficiaries to participate in them. The Equal Treatment Regulation also makes clear that organizations participating in programs funded by the DOJ are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. For more information on the regulation, please see the OCR's website at http://www.ojp.usdoj.gov/about/ocr/equal_fbo.htm.

SAAs and faith-based organizations should also note that the Omnibus Crime Control and Safe Streets Act (Safe Streets Act) of 1968, as amended, 42 U.S.C. § 3789d(c); the Victims of Crime Act of 1984, as amended, 42 U.S.C. § 10604(e); the Juvenile Justice and Delinquency Prevention Act of 1974, as amended, 42 U.S.C. § 5672(b); and VAWA, Pub. L. No. 113-4, sec. 3(b)(4), 127 Stat. 54, 61-62 (to be codified at 42 U.S.C. § 13925(b)(13)) contain prohibitions against discrimination on the basis of religion in employment. Despite these nondiscrimination provisions, the DOJ has concluded that it may construe the Religious Freedom Restoration Act (RFRA) on a case-by-case basis to permit some faith-based organizations to receive DOJ funds while taking into account religion when hiring staff, even if the statute that authorizes the funding program generally forbids recipients from considering religion in employment decisions. Please consult with the OCR if you have any questions about the regulation or the application of RFRA to the statutes that prohibit discrimination in employment.

Using Arrest and Conviction Records in Making Employment Decisions

The OCR issued an advisory document for recipients on the proper use of arrest and conviction records in making hiring decisions. See Advisory for Recipients of Financial Assistance from the U.S. Department of Justice on the U.S. Equal Employment Opportunity Commission's Enforcement Guidance: Consideration of Arrest and Conviction Records in Employment Decisions Under Title VII of the Civil Rights Act of 1964 (June 2013), available at http://www.ojp.usdoj.gov/about/ocr/pdfs/UseofConviction_Advisory.pdf. Recipients should be mindful that the misuse of arrest or conviction records to screen either applicants for employment or employees for retention or promotion may have a disparate impact based on race or national origin, resulting in unlawful employment discrimination. In light of the Advisory, recipients should consult local counsel in reviewing their employment practices. If warranted, recipients should also incorporate an analysis of the use of arrest and conviction records in their Equal Employment Opportunity Plans (EEOs) (see below).

Complying with the Safe Streets Act

An organization that is a recipient of financial assistance subject to the nondiscrimination provisions of the Safe Streets Act, must meet two obligations: (1) complying with the federal regulation pertaining to the development of an EEO (see 28 C.F.R. pt. 42, subpt. E) and (2) submitting to the OCR findings of discrimination (see 28 C.F.R. §§ 42.204(c), .205(c)(5)).

Meeting the EEOP Requirement

If your organization has less than fifty employees or receives an award of less than \$25,000 or is a nonprofit organization, a medical institution, an educational institution, or an Indian tribe, then it is exempt from the EEOP requirement. To claim the exemption, your organization must complete and submit Section A of the Certification Form, which is available online at <http://www.ojp.usdoj.gov/about/ocr/pdfs/cert.pdf>.

If your organization is a government agency or private business and receives an award of \$25,000 or more, but less than \$500,000, and has fifty or more employees (counting both full- and part-time employees but excluding political appointees), then it has to prepare a Utilization Report (formerly called an EEOP Short Form), but it does not have to submit the report to the OCR for review. Instead, your organization has to maintain the Utilization Report on file and make it available for review on request. In addition, your organization has to complete Section B of the Certification Form and return it to the OCR. The Certification Form is available at <http://www.ojp.usdoj.gov/about/ocr/pdfs/cert.pdf>.

If your organization is a government agency or private business and has received an award for \$500,000 or more and has fifty or more employees (counting both full- and part-time employees but excluding political appointees), then it has to prepare a Utilization Report (formerly called an EEOP Short Form) and submit it to the OCR for review within sixty days from the date of this letter. For assistance in developing a Utilization Report, please consult the OCR's website at <http://www.ojp.usdoj.gov/about/ocr/eeop.htm>. In addition, your organization has to complete Section C of the Certification Form and return it to the OCR. The Certification Form is available at <http://www.ojp.usdoj.gov/about/ocr/pdfs/cert.pdf>.

To comply with the EEOP requirements, you may request technical assistance from an EEOP specialist at the OCR by telephone at (202) 307-0690, by TTY at (202) 307-2027, or by e-mail at EEOSubmission@usdoj.gov.

Meeting the Requirement to Submit Findings of Discrimination

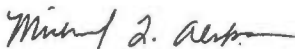
If in the three years prior to the date of the grant award, your organization has received an adverse finding of discrimination based on race, color, national origin, religion, or sex, after a due-process hearing, from a state or federal court or from a state or federal administrative agency, your organization must send a copy of the finding to the OCR.

Ensuring the Compliance of Subrecipients

SAAAs must have standard assurances to notify subrecipients of their civil rights obligations, written procedures to address discrimination complaints filed against subrecipients, methods to monitor subrecipients' compliance with civil rights requirements, and a program to train subrecipients on applicable civil rights laws. In addition, SAAAs must submit to the OCR every three years written Methods of Administration (MOA) that summarize the policies and procedures that they have implemented to ensure the civil rights compliance of subrecipients. For more information on the MOA requirement, see http://www.ojp.usdoj.gov/funding/other_requirements.htm.

If the OCR can assist you in any way in fulfilling your organization's civil rights responsibilities as a recipient of federal financial assistance, please contact us.

Sincerely,



Michael L. Alston
Director

cc: Grant Manager
Financial Analyst



Department of Justice
Office of Justice Programs
Office of the Chief Financial Officer

Washington, D.C. 20531

September 4, 2014

Chief Charlie Beck
City of Los Angeles
200 N. Spring Street
SW Mezzanine, Rm. M175
Los Angeles, CA 90012 - 3302

Reference Grant Number: 2014-CD-BX-0020

Dear Chief Beck:

I am pleased to inform you that my office has approved the following budget categories for the aforementioned grant award in the cost categories identified below:

Category	Budget
Personnel	\$162,692
Fringe Benefits	\$6,288
Travel	\$0
Equipment	\$0
Supplies	\$0
Construction	\$0
Contractual	\$0
Other	\$0
Total Direct Cost	\$168,980
Indirect Cost	\$0
Total Project Cost	\$168,980
Federal Funds Approved:	\$168,980
Non-Federal Share:	\$0
Program Income:	\$0

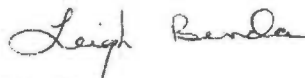
Match is not required for this grant program.

If you have questions regarding this award, please contact:

- Program Questions, Alan Spanbauer, Program Manager at (202) 305-2436
- Financial Questions, the Office of Chief Financial Officer, Customer Service Center(CSC) at (800) 458-0786, or you may contact the CSC at ask.ocfo@usdoj.gov.

Congratulations, and we look forward to working with you.

Sincerely,



Leigh Benda
Chief Financial Officer



Department of Justice
Office of Justice Programs
National Institute of Justice

Washington, D.C. 20531

Memorandum To: Official Grant File
From: Alan Spanbauer, Program Manager
Subject: Categorical Exclusion for City of Los Angeles

The recipient agrees to comply with all Federal, State, and local environmental laws and regulations applicable to the development and implementation of the activities to be funded under this award.

Categorical Exclusion: Based upon the information provided by the recipient in its application for these funds, NIJ has determined and the recipient understands that the proposed activities meet the definition of a categorical exclusion, as defined in the Department of Justice Procedures for Implementing the National Environmental Policy Act found at 28 CFR Part 61 (including Appendix D). A categorical exclusion is an action that because of the proposed activities' very limited and predictable potential environmental impacts, both on an individual and a cumulative basis, does not have a significant impact on the quality of the human environment. Consequently, no further environmental impact analysis is necessary under the requirements of the National Environmental Policy Act, 42 U.S.C. 4321, for these categorically excluded activities.

Modifications: Throughout the term of this award, the recipient agrees that for any activities that are the subject of this categorical exclusion, it will inform NIJ of-- (1) any change(s) that it is considering making to the previously assessed activities that may be relevant to the environmental impacts of the activities; or (2) any proposed new activities or changed circumstances that may require assessment as to environmental impact, such as new activities that involve the use of chemicals or involve construction or major renovation. The recipient will not implement a proposed change or new activity until NIJ, with the assistance of the recipient, has completed any applicable environmental impact review requirements necessitated by the proposed change or new activity (or changed circumstances) and NIJ has concurred in the proposed change or new activity. This approval will not be unreasonably withheld as long as any requested modification(s) is consistent with eligible program purposes and found acceptable under an NIJ-conducted environmental impact review process.



Department of Justice
Office of Justice Programs
National Institute of Justice

**GRANT MANAGER'S MEMORANDUM, PT. I:
PROJECT SUMMARY**

Grant

PROJECT NUMBER

2014-CD-BX-0020

PAGE 1 OF 1

This project is supported under FY14(NIJ - Coverdell Forensic Science Improvement) 42 USC 3797j-3797o; 28 USC 530C

1. STAFF CONTACT (Name & telephone number)

Alan Spanbauer
(202) 305-2436

2. PROJECT DIRECTOR (Name, address & telephone number)

Nichole Trujillo
Mangement Analyst II
100 West 1st Street, Suite 842
Los Angeles, CA 90012-3302
(213) 486-0380

3a. TITLE OF THE PROGRAM

NIJ FY 14 Paul Coverdell Forensic Science Improvement Grants Program

3b. POMS CODE (SEE INSTRUCTIONS
ON REVERSE)

4. TITLE OF PROJECT

Firearms Analysis Unit BULLETRAX Implementation and Backlog Containment

5. NAME & ADDRESS OF GRANTEE

City of Los Angeles
200 N. Spring Street SW Mezzanine, Rm. M175
Los Angeles, CA 90012-3302

6. NAME & ADDRESS OF SUBGRANTEE

7. PROGRAM PERIOD

FROM: 10/01/2014 TO: 09/30/2015

8. BUDGET PERIOD

FROM: 10/01/2014 TO: 09/30/2015

9. AMOUNT OF AWARD

\$ 168,980

10. DATE OF AWARD

09/04/2014

11. SECOND YEAR'S BUDGET

12. SECOND YEAR'S BUDGET AMOUNT

13. THIRD YEAR'S BUDGET PERIOD

14. THIRD YEAR'S BUDGET AMOUNT

15. SUMMARY DESCRIPTION OF PROJECT (See instruction on reverse)

Coverdell funds are to be used to improve the quality and timeliness of forensic science and medical examiner services and/or to eliminate backlogs in the analysis of forensic evidence, including controlled substances, firearms examination, forensic pathology, latent prints, questioned documents, toxicology, and trace evidence. ca/ncf.

APPLICATION FOR FEDERAL ASSISTANCE	2. DATE SUBMITTED April 01, 2014	Applicant Identifier
1. TYPE OF SUBMISSION Application Non-Construction	3. DATE RECEIVED BY STATE	State Application Identifier
	4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
5. APPLICANT INFORMATION		
Legal Name City of Los Angeles	Organizational Unit Los Angeles Police Department	
Address 100 West 1st Street, Suite 842 Los Angeles, California 90012-3302	Name and telephone number of the person to be contacted on matters involving this application Trujillo, Nichole (213) 486-0380	
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 95-6000735	7. TYPE OF APPLICANT Municipal	
8. TYPE OF APPLICATION New	9. NAME OF FEDERAL AGENCY National Institute of Justice	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 16.742 CFDA Paul Coverdell Forensic Sciences Improvement TITLE: Grant Program	11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT Firearms Analysis Unit BULLETTRAX Implementation and Backlog Containment	
12. AREAS AFFECTED BY PROJECT Firearms Analysis in the City of Los Angeles		
13. PROPOSED PROJECT Start Date: October 01, 2014 End Date: September 30, 2015	14. CONGRESSIONAL DISTRICTS OF a. Applicant CA25 CA28 CA27 CA29 CA30 CA31 b. Project CA32 CA33 CA34 CA35 CA36 CA37 CA39 CA46	
15. ESTIMATED FUNDING	16. IS APPLICATION SUBJECT TO REVIEW BY STATE	

Federal	\$168,980	EXECUTIVE ORDER 12372 PROCESS? Program has not been selected by state for review
Applicant	\$0	
State	\$0	
Local	\$0	
Other	\$0	
Program Income	\$0	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? N
TOTAL	\$168,980	
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS REQUIRED.		

Close Window

Project Abstract



Part 1: Please identify the applicant point of contact (POC)

OMB No. 1121-0329
Approval Expires 07/31/2016

Applicant POC	
Organization Name	Los Angeles Police Department
POC Name	Susan Brockbank
Phone Number	323-415-8114
Email Address	E9110@lapd.lacity.org
Mailing Address	1800 Paseo Rancho Castilla Los Angeles, CA 90032

Part 2: Please identify the application

Application Information	
Solicitation Name	Paul Coverdell Forensic Science Improvement Grants Program--Competitive Grant
Project Title	Firearm Analysis Unit BULLETRAX Implementation and Backlog Containment
Proposed Start Date	October 1, 2014
Proposed End Date	September 30, 2015
Funding Amount Requested	\$168,980.42

Part 3: Please identify the project location and applicant type

Project Location and Applicant Type	
Project Location (City, State)	Los Angeles
Applicant Type (Tribal Nation, State, County, City, Nonprofit, Other)	City



Part 4: Please provide a project abstract

Enter additional project abstract information. Unless otherwise specified in the solicitation, this information includes:

- Brief description of the problem to be addressed and target area and population
- Project goals and objectives
- Brief statement of project strategy or overall program
- Description of any significant partnerships
- Anticipated outcomes and major deliverables

Text should be single spaced; do not exceed 400 words.

Project Abstract

Under the 2014 Paul Coverdell Grant Program, the Los Angeles Police Department (LAPD) is seeking funding to validate and implement the BULLETRAX system, a new ballistic identification technology that captures high-resolution images and topographic information from fired bullets at the nanometer level.

Shooting crimes typically result in two types of physical evidence for investigators; a bullet or, if a semi-automatic pistol is used, a cartridge case. For the past 20 years the LAPD has used the BRASSTRAX ballistic technology system for identifying cartridge cases. However, nearly one-third of violent shooting crimes in Los Angeles are committed with revolvers, which leave bullets behind as the only physical evidence. The LAPD is currently moving from a staff-intensive, hands-on analysis of each bullet to a more effective, efficient and technologically advanced process for identifying bullets via the newly created BULLETRAX ballistic identification system.

The new BULLETRAX system is the only bullet ballistic identification tool of its kind. In March 2014, the LAPD Firearms Analysis Unit (FAU) was fortunate to be awarded Forensic Technology's TRAX-HD3D BULLETRAX system by the Bureau of Alcohol, Tobacco, Firearms and Explosives. The BULLETRAX system is an automated system that captures high resolution 2D images and 3D topographic information of a bullet's lands and grooves for entry into the National Integrated Ballistic Information Network (NIBIN) system. The BULLETRAX system will expand and expedite LAPD forensic science services by enabling the imaging and correlation of bullets in a similar manner that cartridge cases are currently imaged in BRASSTRAX and correlated in the NIBIN system.

Grant funds are being requested to fund overtime to prevent a significant increase in the FAU casework backlog due to the reassignment of FAU personnel to launch the BULLETRAX system and database. Once the BULLETRAX system is fully implemented, grant funds will also provide overtime funding to enter bullet evidence from approximately 234 crimes and 1,200 test-fired samples from confiscated revolvers into the BULLETRAX database.

Use of the BULLETRAX system will significantly speed up the analysis of bullet evidence. The FAU currently spends more than 3,000 staff hours per year on bullet microscopy and BULLETRAX has the potential to reduce that by fifty-percent or more. The BULLETRAX system will provide the LAPD and our law enforcement partners in other Southern California agencies with the ability to develop a ballistic database that will quickly and efficiently compare the characteristics of bullets entered into the NIBIN.

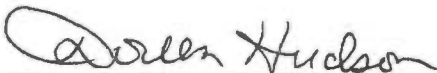


Part 5: Please indicate whether OJP has permission to share the project abstract

If the applicant is willing for the Office of Justice Programs (OJP), in its discretion, to make the information in the project abstract above publicly available, please complete the consent section below. Please note, the applicant's decision whether to grant OJP permission to publicly release this information will not affect OJP's funding decisions. Also, if the application is not funded, granting permission will not guarantee that information will be shared, nor will it guarantee funding from any other source.

- Permission not granted**
- Permission granted (Fill in authorized official consent below.)**

On behalf of the applicant named above, I consent to the information in the project abstract above (including contact information) being made public, at the discretion of OJP consistent with applicable policies. I certify that I have the authority to provide this consent.

Authorized Official (AO) Consent	
Signature	Date
	4-1-14
AO Name	Doreen Hudson
Title	Chief Forensic Chemist II
Organization Name	Los Angeles Police Department
Phone Number	(323) 415-8112
Email Address	A9990@lapd.lacity.org

Note: This document is to be submitted as a separate attachment with a file name that contains the words "Project Abstract."



Los Angeles Police Department

**Firearm Analysis Unit BULLETTRAX
Implementation and Backlog Containment**

National Institute of Justice: Paul Coverdell Forensic Science Improvement
Grants Program

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Program Narrative

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| VI. | Impact/Outcomes and Evaluation Plan
for Collecting Data | |
| VII. | Other | |

Applicant: Los Angeles Police Department

Title of Project: Firearm Analysis Unit BULLETRAX Implementation and Backlog Containment

Dollar Amount: \$168,980.42 Requested

Grant: Paul Coverdell Forensic Science Improvement Grant

Program Narrative

Firearms Analysis Unit BULLETRAX Implementation and Backlog Containment

Under the 2014 Paul Coverdell Grant Program, the Los Angeles Police Department (LAPD) is seeking funding to validate and implement the BULLETRAX system, a new ballistic identification technology that captures high-resolution images and topographic information from fired bullets at the nanometer level.

Shooting crimes typically result in two types of physical evidence for investigators; a bullet or, if a semi-automatic pistol is used, a cartridge case. For the past 20 years, the LAPD has used the BRASSTRAX ballistic technology system for identifying cartridge cases. However, nearly one-third of violent shooting crimes in Los Angeles are committed with revolvers, which leave bullets behind as the only physical evidence. The LAPD is currently moving from a staff-intensive, hands-on analysis of each bullet to a more effective, efficient and technologically advanced process for identifying bullets via the newly created BULLETRAX ballistic identification system.

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imaging and correlation of bullets in a similar manner that cartridge cases are currently imaged in BRASSTRAX and correlated in the NIBIN system.

Grant funds are being requested to fund overtime to prevent a significant increase in the FAU casework backlog due to the reassignment of FAU personnel to launch the BULLETRAX system and database, which needs to be validated before it can be fully implemented. Once the BULLETRAX system is fully implemented, grant funds will also provide overtime funding to enter bullet evidence from approximately 234 crimes and 1,200 test-fired samples from confiscated revolvers into the BULLETRAX database.

Use of the BULLETRAX system will significantly speed up the analysis of bullet evidence. The FAU currently spends more than 3,000 staff hours per year on bullet microscopy and BULLETRAX has the potential to reduce that by fifty-percent or more. The BULLETRAX system will provide the LAPD and our law enforcement partners in other agencies throughout the Southern California region with the ability to develop a ballistic database that will quickly and efficiently compare the characteristics of bullets entered into the NIBIN network.

I. Statement of Problem

The Los Angeles Police Department (LAPD), the third largest police agency in the nation, is responsible for a population of 3,855,122 within 21 Geographic Areas, covering 468 square miles. The LAPD Crime Laboratory is a full service, accredited laboratory with all disciplines of Criminalistics. In 2013, the FAU processed approximately 3,800 guns into the BRASSTRAX/NIBIN system. More than 650 crime scene cartridge case specimens were imaged and searched against the NIBIN database and the FAU reported over 200 NIBIN Cold Hits to investigators - many of which helped to solve previously unrelated crimes. Up until March 2014,

there was no corresponding technology for imaging the 1,200 bullets identified from revolvers, as these could not be imaged into the BRASSTRAX/NIBIN system, and required significant hands-on staff time to analyze. Under this grant, revolver bullets would be imaged into the new BULLETTRAX system, enabling the system to identify potential links between cases that previously required an in-depth, hands-on microscopic comparison.

FAU Staffing

Unfortunately, the City of Los Angeles is still feeling the negative effects of the recession. The Firearm Analysis Unit (FAU) of the LAPD Crime Laboratory is currently understaffed with only 34 of the 42 authorized positions filled. These are subdivided into two working groups : (1) The Crossfire Detail enters evidence submitted for image capture and search in the National Integrated Ballistics Information Network (NIBIN) database to compare to other crimes or firearms in the NIBIN database for LAPD, and (2) The Comparison Detail is tasked with examining and comparing microscopic markings on fired cartridge cases and bullets, performing serial number restorations, rendering firearms safe, conducting scientific field investigations of shooting scenes, and providing expert testimony for evidence they examine in cases involving firearms throughout the City of Los Angeles.

Backlog in the Firearm Analysis Unit

In total, the LAPD FAU has a current backlog of 451 requests, the majority of which require manual microscopic comparisons of firearms evidence components for 198 homicides, 23 attempted homicides, and other violent crimes.

The BRASSTRAX system is a screening tool that helps the LAPD quickly identify cartridge cases

that have potential links to other cases. Those with links are further analyzed by hand, which can take up to 18 hours per specimen. However, before BULLETRAX, all bullet specimens had to be analyzed by hand from start to finish. When fully validated and implemented, BULLETRAX will be a similar screening tool to flag bullets that might be linked to other crimes, thus saving considerable FAU staffing time in the long run.

With only 19 experienced Criminalists and Firearm Examiners currently on staff, the LAPD FAU is currently able to complete approximately 73 microscopic comparisons per month. Although this may seem like a large caseload, in actuality, we are just managing the current influx of analysis requests and maintaining our backlog at its present level. We have not been able to reduce it. In the short-term, we hope to contain our backlog. In the long-term we hope to eliminate it.

Implementation of BULLETRAX

The proposed implementation of BULETTRAX will enhance and expedite LAPD investigative services including the comparison of bullets within the NIBIN network. However, the addition of BULLETRAX will at first also result in a temporary workload increase in the FAU due to the reassignment of some staff to the BULLETRAX project to complete the new system's validation process. Validation is a critical step; as an ISO 17025 accredited laboratory and in keeping with the laboratory's Quality System, new instruments and methods must be validated before implemented in casework. Therefore, additional funding for overtime is being requested to prevent an increase in our current backlog level while the validation and implementation of the BULLETRAX system is taking place.

Strategy

The LAPD proposes a two-pronged approach to fully implementing BULLETTTRAX: First, the FAU will complete and publish a validation study of the BULLETTTRAX system, build a functional NIBIN bullet database and screen evidence samples using this new system. Validation is a necessary step for an accredited laboratory prior to implementing a new system. The LAPD will validate the BULLETTTRAX system by entering known specimens and checking to see if the system is capable of identifying those same samples when they are entered a second time. The results of the validation study will then be published so other crime laboratories interested in implementing the new BULLETTTRAX technology do not have to complete the same process before using the system in their laboratories.

Second, the FAU will need to complete flagged specimen comparison casework in a timely manner effectively preventing any increase in the backlog of requests while the implementation of BULLETTTRAX can be completed.

The services provided by adding BULLETTTRAX will substantially increase the workload of the FAU due to the reassignment of personnel to complete the validation. Since FAU currently has to stretch its resources in order to handle its current workload and contain the backlog, the FAU will offer overtime to complete the additional comparison casework. This will allow the FAU to remain current with incoming requests, allow for real-time crime laboratory results, and provide timely results to detectives to assist in their crime investigations. At the same time, adding the additional forensic resource of BULLETTTRAX will increase efficiency and effectiveness. If the validation study results are positive, BULLETTTRAX should assist in solving cases that might not have been solved without this new tool. Timely forensic results give LAPD detectives the leads

they need to solve cases efficiently, effectively, and as a result, the City of Los Angeles can act quickly and successfully in the prosecution of violent crimes, potentially sparing future victims. The following example from the BRASSTRAX system best illustrates the importance of such a timely analysis tool.

On April 11, 2012, a shooting on the campus of USC left two international graduate students dead. The case received local and national public interest as LAPD Southwest Detectives investigating the crime had no reliable witnesses and no suspects. The cartridge case evidence was brought to the FAU for imaging into BRASSTRAX and entry into NIBIN and subsequent analysis. The NIBIN link and comparison information from the FAU provided detectives valuable clues that their case was initially linked to the same gun used four months earlier in two other investigations, miles apart, in which the suspect had been identified. With the NIBIN link, information provided to investigators within 48 hours, the homicide detectives were able make swift connections and arrested the suspects. The forensic firearm analysis played a pivotal role in the outcome of the case. Not only did the FAU's timely work help to capture a dangerous felon, but they also helped relieve community fear in Los Angeles and abroad. The USC campus has one of the highest percentages of foreign students of any university in the nation, so there were also many families abroad who were also relieved when the perpetrator was arrested. In this example, the LAPD was fortunate that the cartridge case evidence used to commit the murders was supported by BRASSTRAX and NIBIN and were able to make a swift connection to the other crimes. If a revolver had been used and bullet casings were found, the case might not have been solved in such a timely manner as there was no BULLETRAX database at that time.

The growing BULLETRAX database will also be shared with other regional law enforcement agencies in order for the LAPD and other Southern California law enforcement agencies to be able to look for links in previously unrelated crimes where bullets are the key evidence in the case. There are at least 250 crimes per year in Los Angeles alone that fit that scenario.

II. Project Design and Implementation

The LAPD Firearm Analysis Unit's (FAU) two-pronged approach to enhance efficiency and improve service in the FAU, provides a benefit to the forensic firearms community, and prevents any increase in the backlog of requests. First, the FAU will launch BULLETRAX by providing overtime for existing staff to complete the validation and implementation of the system. The FAU will image and correlate .38 and .357 caliber bullet evidence and firearms into the system bolstering the screening capabilities of the Crossfire Detail. The Crossfire Detail will not only be able to screen cartridge cases with the NIBIN system, but now they will also be able to screen bullets with the BULLETRAX system. As a result, the efficiency and output capacity of the Comparison Detail should improve because most of their work will be pre-screened and thereby focused on certain specimens so they will not have to perform as many investigative multi-hour microscopic bullet and cartridge case comparisons.

The FAU will also use a portion of the grant funding to provide overtime for staff to complete time-sensitive comparison casework in order to deliver critical service and suppress any increase in the backlog of requests while the validation and implementation of BULLETRAX is underway. The BULLETRAX project will involve the validation phase whereby 200 known

bullet specimens and 25 blind test specimens (with known matches to the 200 set) will be entered into BULLETRAX to demonstrate the software ability to find accurate correlations between the known and blind test specimens. The project will also involve the entry of approximately LAPD 250 evidence bullets into the database along with the test-fire of 1,200 LAPD evidence revolvers and entry of their test-fires into BULLETRAX. This is significant resource expenditure, but a needed investment to improve the solvability of 30% of the shooting crimes in Los Angeles.

Validation and Implementation of BULLETRAX

During phase one of the proposed project, the BULLETRAX system will be validated. Verification that the BULLETRAX system is functioning properly must occur before using it on casework. The Principal Supervisor will develop the validation plan and assign staff to participate in the validation study. A set number of 9mm Beretta bullets will be imaged into the BULLETRAX system. Additional test bullets will be imaged into the system and searched against the database to verify the matching capability of the BULLETRAX system. Assigned staff will write up the results of the validation study and submit it to the Principal Supervisor for approval, then to the laboratory's Quality Assurance Unit prior to implementation of the BULLETRAX system for casework in the LAPD crime lab. The validation is expected to show that the BULLETRAX system is capable of matching bullets that were fired from the same firearm. Previously published validation studies can be used by reference to reduce the work needed to satisfy requirements needed by other laboratories to implement a new method or instrument. The results of the LAPD validation study will be presented at the California Association of Criminalists (CAC) bi-annual seminar and made available to any California forensic firearms laboratory upon request so that they would not need to undergo as of a lengthy

validation process of BULLETRAX.

The validation and implementation of the BULLETRAX system will improve and expand the quality and timeliness of forensic science services by bringing a new technology online and bolstering the screening capabilities of the Crossfire Detail. As a result the efficiency and output capacity of the Comparison Detail will increase by as much as 20%. All FAU staff members will receive training on the BULLETRAX system prior to the grant period, thus, enabling them to be capable of performing imaging and correlation on crimes where revolvers were used.

Following validation, the FAU will image and correlate .38 and .357 caliber evidence bullets from major crimes where a revolver is suspected (and no cartridge cases are available) and test-fired bullets from all .38 and .357 caliber revolvers received by the Crossfire Detail. This will help build the NIBIN bullet database. Any potential links that are identified through BULLETRAX will ultimately be verified through full microscopic analysis, if requested by the investigating officers. Investigative links provided to detectives in a timely manner, have the potential to redirect investigative resources to other linked crimes where other transient evidence such as surveillance video, cell phone intelligence or witnesses can solve the crime. In these instances, the microscopic verification of the BULLETRAX link may never be needed from the laboratory. In the LAPD experience, it is the timeliness of the link information that is most critical to the investigation and only a fraction (less than 20%) require microscopic verification of the link.

In addition, the BULLETRAX system will be available to all southern California region crime laboratories, allowing the database to grow with their entries as well as those made by LAPD staff.

Any forensic database is only as useful as its data allows and networking the BULLETRAX system to include bullet evidence from surrounding jurisdictions only strengthens the use of the resource. For example, the LAPD is currently investigating an eight-crime interagency BRASSTRAX linkage that will end a semi-automatic crime spree that has terrorized at least three separate communities. It is anticipated that BULLETRAX will also provide expedited analyses of bullet evidence leading to potential links between cases involving revolvers in Los Angeles and other participating jurisdictions.

The BULLETRAX automated acquisition will take approximately 20 minutes to image each bullet and one hour for a database search. Therefore, the BULLETRAX system is likely to reduce analysis and search time by up to 50%, as compared to a full microscopic comparison. A typical case contains two or more bullets. Using an estimate of three hours to image and correlate each case with BULLETRAX, it is anticipated that the FAU can image and correlate 78 cases during regular work hours and 156 cases using the 468 overtime hours allocated during this grant period.

Cases will be tracked by the Principal Supervisor in a computer database. Overtime reports will be submitted by staff as the overtime is worked and this will be tracked in the overtime database. The Project Manager will gather data from the Principal Supervisor and provide progress reports to the Grant Administrator as scheduled.

Overtime for Microscopic Comparison

Reducing and preventing an increase in backlog for microscopic comparison cases while the

BULLETRAX implementation project is ongoing will be achieved most efficiently by providing overtime to trained staff. The FAU estimates that it takes an average of 18 hours to fully analyze each case. Therefore, it is estimated that the FAU can close out 82 cases in the 1,482 overtime hours allocated during this grant period ($\$117,078$ in grant budgeted overtime / $\$79$ hourly overtime rate = $1,482 \text{ hours} / 18 \text{ hours per case} = 82 \text{ cases}$).

The first phase will implement the BULLETRAX system. The Project Director, Chief Forensic Chemist (CFC) over the FAU, will assign the Principal Supervisor. The Principal Supervisor will review and record the initial Laboratory Information Management System (LIMS) backlog data, set up the database for overtime entry and monitoring, and develop a detailed plan to assess the project progress, documenting and tracking the number of backlogged cases, number of completed cases, turn-around times and recording specific improvements in quality or timeliness. The Principal Supervisor will assign cases to the eligible firearm examiners.

The second phase will consist of FAU analysts performing microscopic comparison casework. Cases will be completed following the laboratory's quality process, including technical and administrative review. Cases will be tracked by the Principal Supervisor in a computer database. Overtime reports will be submitted by staff as the overtime is worked and this will be tracked in the overtime database.

The Project Manager will gather data from the Principal Supervisor and various databases, and provide progress reports to the Grant Administrator quarterly.

Possible Pitfalls

Possible pitfalls of bringing a new service such as BULLETRAX online include an increase in

the number of new requests for analysis due to the capabilities of this new technology. This may result in a higher workload and possible backlog for this particular screening tool. If a backlog in BULLETRAX does occur, staff in the FAU can be re-assigned to target the specific area with the higher backlog. Additionally, the crime scene responsibilities and other duties of the FAU members can create a gap in staffing and increased backlog. FAU members receive specialized field response training to handle firearms related crime scenes and, as a result, when they are tasked with crime scene response on an emergent basis, they are not available to complete casework in the laboratory which can also result in an increase in the backlog.

III. Capabilities and Competencies

The FAU demonstrated its capability to implement a federal grant in 2012-13 when the California Governor's Office of Emergency Services (Cal OES) Coverdell Grant funds were used for overtime and the FAU reduced the Unit's total backlog from 832 to 464 requests. Additionally, the oldest request date was improved from 2006 to 2012 as of March 2014. This was accomplished by re-organizing staff assignments to target the areas with the highest backlog (NIBIN correlation) and eliminating non-viable requests. Operating at 80% of its authorized staff positions, the FAU is able to maintain the current workload level by completing the same number of cases as it receives each month. The availability of additional grant funding for overtime will significantly enhance the Unit's ability to implement the new BULLETRAX technology which has the potential to significantly reduce bullet comparisons and to reduce and prevent any potential increase in backlog.

A portion of the funds secured from this grant will support employees in the Crossfire Detail to

perform imaging and correlation of bullets into the BULLETRAX system. The Crossfire Detail is staffed with civilian and sworn experts technically trained in the NIBIN system. Furthermore, a portion of the funds secured from this grant will support employees in the Comparison Detail to perform microscopic examinations to compare fired ammunition components (i.e., cartridge cases, shot-shells, bullets, or projectiles) or live ammunition, either as submitted evidence or as exemplars generated from test firing or cycling, to identify or eliminate a specific firearm's association with an incident or to determine the number of firearms involved in an incident. The FAU's Comparison Detail is staffed with civilian experts technically trained in one or more forensic disciplines. They have scientific educational backgrounds and have received specialized training in the various disciplines that they have worked. The Program Director and the Principal Supervisor are civilian experts technically trained in one or more forensic disciplines and have scientific educational backgrounds. They have received specialized training in the various disciplines that they have worked and have received additional training in supervision and leadership. They have many years of experience managing previous federal grants that have been awarded.

The Program Director will:

- Oversee and coordinate the project on a monthly basis
- Monitor backlog reduction
- Organize schedules
- Distribute the allocation of overtime funds
- Provide progress reports to the Grant program administrator as required

The Principal Supervisor will:

- Create and maintain the budget database
- Assign cases to eligible firearm examiners
- Track the overtime balance during the project
- Conduct a monthly review of the LIMS backlog data
- Track the flow of current cases and backlog cases throughout the year.
- Review the finished work product of the analyst/examiners by completing a technical and administrative review of case packages
- Direct, review and approve the Validation Study and ensure that it is presented at the CAC seminar

The LAPD has significant experience successfully managing federal grants. The LAPD has been awarded and successfully managed grants ranging from \$100,000 to \$2,000,000 from various federal entities including, NIJ, FEMA and BJA. The LAPD has also worked extensively with our partners in the Mayor's Office and other city agencies managing Department of Homeland Security grant funding, most recently helping to administer a \$30,000,000 Securing the Cities grant. The LAPD Grants Unit consists of a supervisor, a grant writer and nine grant managers to oversee and report on over 30 active grants.

IV. Impact/Outcomes and Evaluation/Plan for Collecting Data

Improvement in quality and timeliness of forensic science services

In 2013, the FAU processed approximately 3,800 guns into the NIBIN system and 650 crime scene cartridge case specimens were imaged and searched against the NIBIN database. The FAU reported over 200 NIBIN Cold Hits to investigators many of which helped to solve previously

unrelated crimes. Of the firearms submitted to the laboratory, approximately 1,200 were identified as revolvers and were not imaged into the NIBIN system. In this proposal, these guns would be imaged by the BULLETRAX system, enabling the system to identify potential links between cases that previously required an in-depth microscopic comparison

Anticipated Impact of Eligible Project Activities

The two-prong approach is designed to use grant funded overtime to validate and implement the BULLETRAX system and prevent an increase in the backlog of firearms requests. The implementation of BULLETRAX will provide a valuable resource enabling the LAPD and other law enforcement agencies to more efficiently analyze and share bullet evidence. This will result in a more timely turn-around for bullet comparison cases.

Plan for Collection of Performance Measure Data

The overall goal of the FAU is to improve the quality and timeliness of forensic services and reduce the number of backlogged cases through the use of the 2014 Paul Coverdell Grant Program. To track the progress of reaching this goal, the following performance measures will be monitored by the Project Director:

- A weekly review of LIMS backlog data by Principal Supervisor to track backlog reduction, oldest request date improvement and adjust overtime scheduling as necessary.
- A review of data collected by the Principal Supervisor, such as individual statistics of how many cases were processed weekly and how that affected the backlog reduction effort.
- Average turn-around time for completed casework

- Effect of BULLETTRAX results on microscopic comparison casework backlog.

The FAU uses a Laboratory Information Management System (LIMS) to record lab activities, dates and specimen transactions, services performed, FAU personnel involved, and other statistical information throughout the entire Crime Lab. LIMS data is stored on the Local Area network that is checked for integrity and backed up daily. LIMS information will be maintained for at least ten years.

Cost Effectiveness of In-House Analysis

A cost comparison between outsourcing this work or performing the work in-house was completed. It was estimated that it would cost \$1,700 per average firearms case for outsourcing. The same analysis performed in-house would take approximately 18 hours at the Criminalist overtime rate of \$79 per hour, totaling \$1,422. For the projected 82 cases to be completed with grant funding, performing in-house analysis will save \$22,796 as compared with the outsource option for cases requiring microscopic comparison.

Attempts to reduce the total cost of the project

- No outside contractors or consultants are necessary or will be used to complete this project. The LAPD determined it more cost-effective and more sustainable to do it in-house.
- All funds will be managed by LAPD.
- Any laboratory equipment or supplies that need to be purchased for this project will be paid by the LAPD. All administrative supply costs will be covered by the LAPD.
- No Computerization or renovation/construction of facilities will be needed for this project.

V. Other

The total number of Part I crimes reported to the Federal Bureau of Investigation were:

- 2010 – 111,188
- 2011 – 106,375
- 2012 -- 106,025

The average of those three years is 107,863.

The total number of Part I violent crimes reported to the Federal Bureau of Investigation were:

- 2010 – 21,484
- 2011 – 20,045
- 2012 – 18,547

The average is 20,025.

Budget Detail Worksheet

Purpose: The Budget Detail Worksheet may be used as a guide to assist you in the preparation of the budget and budget narrative. You may submit the budget and budget narrative using this form or in the format of your choice (plain sheets, your own form, or a variation of this form). However, all required information (including the budget narrative) must be provided. Any category of expense not applicable to your budget may be deleted.

A. Personnel - List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project. Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization.

Name/Position	Computation	Cost
Program Director, Chief Forensic Chemist	\$136,764/year X 1.25% FTE X 1 year	\$1,709.55
Principal Supervisor, Supervising Criminalist	\$125,489/year X 10% FTE X 1 year	\$12,548.90
(19) Criminalist/Firearms Examiner Overtime	\$79/hour x 1.5 hrs/week x 52 weeks x 19 people	\$117,078.00
(9) Police Officer Overtime	\$67/hour x 1 hrs/week x 52 weeks x 9 people	\$31,356.00
N/A		
N/A		
SUB-TOTAL		\$162,692.45

B. Fringe Benefits - Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in budget category (A) and only for the percentage of time devoted to the project. Fringe benefits on overtime hours are limited to FICA, Workman's Compensation, and Unemployment Compensation.

Name/Position	Computation	Cost
Project Director, Chief Forensic Chemist I	\$1,709.55 X 44.10% (Fringe CAP 34)	\$753.91
Principal Supervisor, Supervising Criminalist	\$12,548.90 X 44.10% (Fringe CAP 34)	\$5,534.06
N/A		
N/A		
N/A		
SUB-TOTAL		\$6,287.97
Total Personnel & Fringe Benefits		\$168,980.42

C. Travel - Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meeting, etc.). Show the basis of computation (e.g., six people to 3-day training at \$X airfare, \$X lodging, \$X subsistence). In training projects, travel and meals for trainees should be listed separately. Show the number of trainees and the unit costs involved. Identify the location of travel, if known. Indicate source of Travel Policies applied, Applicant or Federal Travel Regulations.

Purpose of Travel	Location	Item	Computation	Cost

TOTAL \$0.00

D. Equipment - List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than two years and an acquisition cost of \$5,000 or more per unit. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Expendable items should be included either in the "supplies" category or in the "Other" category. 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" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

Item	Computation	Cost

TOTAL \$0.00

E. Supplies - List items by type (office supplies, postage, training materials, copying paper, and expendable equipment items costing less than \$5,000, such as books, hand held tape recorders) and show the basis for computation. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Generally, supplies include any materials that are expendable or consumed during the course of the project.

Supply Items	Computation	Cost
TOTAL		\$0.00

F. Construction - As a rule, construction costs are not allowable. In some cases, minor repairs or renovations may be allowable. Check with the program office before budgeting funds in this category.

Purpose	Description of Work	Cost
N/A		
TOTAL		\$0.00

G. Consultants/Contracts - Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisition Regulations are followed.

Consultant Fees: For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and estimated time on the project. Consultant fees in excess of \$450 per day require additional justification and prior approval from OJP.

Name of Consultant	Service Provided	Computation	Cost
<i>Subtotal</i>			\$0.00

Consultant Expenses: List all expenses to be paid from the grant to the individual consultants in addition to their fees (i.e., travel, meals, lodging, etc.)

Item	Location	Computation	Cost
<i>Subtotal</i>			\$0.00

Contracts: Provide a description of the product or service to be procured by contract and an estimate of the cost. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source contracts in excess of \$100,000.

Item	Cost	
<i>Subtotal</i>		\$0.00
TOTAL		\$0.00

H. Other Costs - List items (e.g., rent, reproduction, telephone, janitorial or security services, and investigative or confidential funds) by major type and the basis of the computation. For example, provide the square footage and the cost per square foot for rent, or provide a monthly rental cost and how many months to rent.

Description	Computation	Cost
TOTAL		\$0.00

I. Indirect Costs - Indirect costs are allowed only if the applicant has a Federally approved indirect cost rate. A copy of the rate approval, (a fully executed, negotiated agreement), must be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant's cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization, or if the applicant's accounting system permits, costs may be allocated in the direct costs categories.

Description	Computation	Cost
TOTAL		\$0.00

Budget Summary- When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal requested and the amount of non-Federal funds that will support the project.

Budget Category	Amount
A. Personnel	<u>\$162,692.45</u>
B. Fringe Benefits	<u>\$6,287.97</u>
C. Travel	<u>\$0.00</u>
D. Equipment	<u>\$0.00</u>
E. Supplies	<u>\$0.00</u>
F. Construction	<u>\$0.00</u>
G. Consultants/Contracts	<u>\$0.00</u>
H. Other	<u>\$0.00</u>
Total Direct Costs	<u>\$168,980.42</u>
I. Indirect Costs	<u>\$0.00</u>
TOTAL PROJECT COSTS	<u>\$168,980.42</u>
Federal Request	<u>\$168,980.42</u>
Non-Federal Amount	<u> </u>

Firearm Analysis Unit BULLETRAX Implementation and Backlog Containment

BUDGET NARRATIVE

A. Personnel

The Los Angeles Police Department (LAPD) will allocate \$148,434 in overtime costs for nineteen experienced firearms examiners and nine police officers. The nineteen examiners are anticipated to work 1.5 hours of overtime each week for 52 weeks at a rate of \$79/hour for a total of \$117,078 in overtime costs. The nine police officers are anticipated to work one hour of overtime each week for 52 weeks at a rate of \$67/hour for a total of \$31,356 in overtime costs. The nine police officers will validate and implement the BULLETRAX system and begin building a functional database. The nineteen experienced firearms examiners will primarily perform comparison casework to suppress the Firearm Analysis Unit (FAU) backlog, but will also assist in the validation and implementation of the BULLETRAX system. These grant funds will enable the FAU to process approximately 234 cases through the BULLETRAX system and process an additional 82 comparison cases during this grant period, making significant progress in suppressing the current backlog while simultaneously bringing a new technology online in Southern California. BULLETRAX will facilitate screening of submitted bullet evidence and identification of potential associations between previously unrelated crimes using revolvers.

The Los Angeles Police Department (LAPD) is seeking funding for \$14,258.45 to offset a portion of the salary for two staff members managing this project. A reasonable and conservative projection of the percent devoted to the project was used to determine the

amount of time spent on the project. A Chief Forensic Chemist I will serve as the Program Director and in that capacity perform the laboratory administrative functions of monitoring responsibilities of subordinates and monitoring compliance with overtime policies, requirements and schedules. The cost of \$1,709.55 is based on the Chief Forensic Chemist's annual salary of \$136,764 and this project will command 1.25 percent Full Time Equivalent (FTE) of her time for one year. $\$136,764 \times .0125 \text{ FTE} = \$1,709.55$. A Supervising Criminalist will serve as the Principal Supervisor who will direct, review and approve the BULLETTRAX Validation Study, track the overtime balance during the project, conduct a monthly review of the LIMS backlog data, assign cases to eligible firearm examiners, track flow of cases throughout the year, and review the finished work product of the Firearm examiners by completing a technical and administrative review of case packages. The cost of \$12,548.90 is based on an annual salary of \$125,489 and this project will command 10 percent Full Time Equivalent (FTE) of her time for one year. $\$125,489 \times .10 \text{ FTE} = \$12,548.90$. Total personnel costs are $\$1,709.55 + \$12,548.90 + \$117,078 + \$31,356 = \$162,692.45$.

B. Fringe Benefits

Fringe benefits are calculated at a rate of 44.10% of personnel costs for the Chief Forensic Chemist I and the Supervising Criminalist. This rate is based on the Cost Allocation Plan 34 that is currently approved by the U.S. Department of Health and Human Services under contract with the City of Los Angeles' cognizant federal agency, the U.S. Department of Housing and Urban Development.

The fringe benefits were calculated using the below charts which are the currently approved Cost Allocation Plan 34-approved by the federal government.

CIVILIAN EMPLOYEES STRAIGHT TIME:

Fringe Benefits	
Retirement	27.32%
Flex Benefit Program	11.39
Employee Assistance	0.02
Ordinance Life Insurance	0.01
Medicare	1.24
Union-Sponsored Benefits	0.27
Unused Sick/Vacation Payout	1.85
Unemployment Claims	0.14
Workers Compensation	3.05
Carry Forward, Negative	-1.19
Total Fringe Benefits	44.10%

The fringe benefit cost calculation for the Chief Forensic Chemist is 44.10% of the personnel cost of \$1,709.55 and amounts to \$753.91. The fringe benefit cost calculation for the Supervising Criminalist is 44.10% of the personnel costs of \$12,548.90 and amounts to \$5,534.06. Total costs for fringe benefits are \$753.91 + \$5,534.06 = \$6,287.97.

C. Travel

N/A

D. Equipment

N/A

E. Supplies

N/A

F. Consultant/Contracts

N/A

G. Construction

N/A

H. Other

N/A

I. Indirect Cost

N/A

Disclosure of Pending Applications

The Los Angeles Police Department does not have pending applications submitted within the last 12 months for federally funded assistance that include requests for funding to support the same project being proposed under this solicitation and will cover the identical cost items outlined in the budget narrative and worksheet in the application under this solicitation.

Firearm Analysis Unit BULLETRAX Implementation and Backlog Containment

Phase	Weeks	Goals	Activity	Objectives	Expected Completion Date
I	12	<p>Validate and Implement new technology (BULLETRAX) to more effectively and efficiently analyze ballistic evidence from revolver shootings; Share ballistic info. regionally;</p> <p>In the short-Term: Contain backlog of case requests in Firearm Analysis Unit (FAU);</p> <p>In the long-Term: Reduce backlog</p>	<p>Use existing staff, working on an overtime basis, to perform validation of BULLETRAX system by imaging a set of 9 mm bullets from and assess the matching capabilities of the system.</p> <p>Supervisor will review validation and when completed, approve and send to QA unit for approval up the chain of command.</p> <p>Use existing staff, working on an overtime basis, to complete approximately 20 requests for microscopic analysis of comparison casework.</p> <p>Supervisory activities common to all phases of project:</p> <ul style="list-style-type: none"> • Complete weekly review of LIMS backlog data. • Complete weekly entry and monitoring of overtime balance in database. • Complete weekly administrative and technical reviews of submitted case packages. • Track progress of BULLETRAX implementation • Evaluate impact of BULLETRAX on comparison casework. 	<p>Validate the system for use on casework.</p> <p>Implement fully operational BULLETRAX system</p> <p>Share ballistic information with regional law enforcement partners</p> <p>Contain backlog of comparison case requests and eventually see reductions in backlog.</p>	December 2014

Firearm Analysis Unit BULLETRAX Implementation and Backlog Containment

II	12	Implement BULLETRAX and contain backlog of case requests in FAU.	<p>Use existing staff, working on an overtime basis, to perform imaging and correlation of .38 and .357 evidence bullets and test-fires from revolvers in the BULLETRAX system.</p> <p>Use existing staff, working on an overtime basis, to complete approximately 20 requests for microscopic analysis of comparison casework.</p>	<p>Begin building database in BULLETRAX by imaging and correlating approximately 58 cases.</p> <p>Share ballistic information with regional law enforcement partners</p> <p>Contain backlog of comparison case requests and eventually see reductions in backlog.</p>	March 2015
III	12	Implement BULLETRAX and contain backlog of case requests in FAU.	<p>Use existing staff, working on an overtime basis, to perform imaging and correlation of .38 and .357 evidence bullets and test-fires from revolvers in the BULLETRAX system.</p> <p>Use existing staff, working on an overtime basis, to complete approximately 20 requests for microscopic analysis of comparison casework.</p>	<p>Continue to build database in BULLETRAX by imaging and correlating approximately 58 cases.</p> <p>Implement fully operational BULLETRAX system</p> <p>Share ballistic information with regional law enforcement partners</p> <p>Contain backlog of comparison case requests and eventually see reductions in backlog.</p>	June 2015

Firearm Analysis Unit BULLETRAX Implementation and Backlog Containment

IV	12	Implement BULLETRAX and suppress backlog of case requests in FAU.	<p>Use existing staff, working on an overtime basis, to perform imaging and correlation of .38 and .357 evidence bullets and test-fires from revolvers in the BULLETRAX system.</p> <p>Use existing staff, working on an overtime basis, to complete approximately 20 requests for microscopic analysis of comparison casework.</p>	<p>Continue to build database in BULLETRAX by imaging and correlating approximately 58 cases.</p> <p>Implement fully operational BULLETRAX system</p> <p>Share ballistic information with regional law enforcement partners</p> <p>Contain backlog of comparison case requests and eventually see reductions in backlog.</p>	August/September 2015
V	4	Assess grant program's effectiveness.	<p>Principal Supervisor will complete summary/assessment of program's effectiveness:</p> <ul style="list-style-type: none"> • Finalize overtime database. • Identify total number of backlogged/ comparison requests completed. • Cite specific improvements in quality or timeliness that occurred. • Make final assessment on impact of BULLETRAX on comparison casework's backlog. • Compile data from validation/study and finalize plan for presentation of validation study at the California Association of Criminalists bi-annual seminar. 	<p>Assess grant program's effectiveness by Principal Supervisor and report to Project Director.</p> <p>Continue to share ballistic information with regional law enforcement partners</p> <p>Continue to contain backlog of comparison case requests and eventually see reductions in backlog.</p>	September 2015

FY 2014 Coverdell Forensic Science Improvement Grants Program

Attachment: External Investigations

The "Certification as to External Investigations" that is submitted on behalf of the applicant agency as part of this application certifies that—

A government entity exists and an appropriate process is in place to conduct independent external investigations into allegations of serious negligence or misconduct substantially affecting the integrity of the forensic results committed by employees or contractors of any forensic laboratory system, medical examiner's office, coroner's office, law enforcement storage facility, or medical facility in the State that will receive a portion of the grant amount.

Prior to receiving funds, the applicant agency (that is, the agency applying directing to the National Institute of Justice) must provide—for each forensic laboratory system, medical examiner's office, coroner's office, law enforcement storage facility, or medical facility that will receive a portion of the grant amount—the name of the "government entity" (or entities) that forms the basis for the certification. Please use the template below to provide this information. (Applicants may adapt this template if necessary, but should ensure that the adapted document provides all required information.)

IMPORTANT NOTE: If necessary for accuracy, list more than one entity with respect to each intended recipient of a portion of the grant amount. For example, if no single entity has an appropriate process in place with respect to allegations of serious negligence as well as serious misconduct, it will be necessary to list more than one entity. Similarly, if no single entity has an appropriate process in place with respect to allegations concerning contractors as well as employees, it will be necessary to list more than one entity.

Additional guidance regarding the "Certification as to External Investigations" appears in the "Eligibility" section of the program announcement for the FY 2014 Coverdell program.

Name of Applicant Agency (including Name of State or Unit of Local Government):

Los Angeles Police Department *Doreen Hudson*

Date: 3/24/14

Name of any forensic laboratory system, medical examiner's office, coroner's office, law enforcement storage facility, or medical facility that will receive a portion of the grant amount

1. Los Angeles Police Dept.
Scientific Investigation Division

2. _____

Existing government entity (entities) with an appropriate process in place to conduct independent external investigations

Los Angeles Police Dept.
Internal Affairs Group

FY 2014 External Investigations Attachment (continued)

Name of Applicant Agency: Los Angeles Police Department

3.	_____	_____

4.	_____	_____

5.	_____	_____

6.	_____	_____

7.	_____	_____

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS
NATIONAL INSTITUTE OF JUSTICE

FY 2014 Coverdell Forensic Science Improvement
Grants Program

Certification as to Plan for Forensic Science Laboratories—
Application from a Unit of Local Government

On behalf of the applicant agency named below, I certify the following to the National Institute of Justice, Office of Justice Programs, U.S. Department of Justice:

This unit of local government has developed a plan for forensic science laboratories under a program intended to improve the quality and timeliness of forensic science or medical examiner services provided by the laboratories operated by the applicant unit of local government and any other government-operated laboratories within the State that will receive a portion of the grant amount.

I acknowledge that a false statement in this certification or in the grant application that it supports may be the subject of criminal prosecution, including under 18 U.S.C. § 1001 and 42 U.S.C. § 3795a. I also acknowledge that Office of Justice Programs grants, including certifications provided in connection with such grants, are subject to review by the Office of Justice Programs and/or by the Department of Justice's Office of the Inspector General.

I have authority to make this certification on behalf of the applicant agency (that is, the agency applying directly to the National Institute of Justice).

Doreen Hudson

Signature of Certifying Official

Doreen Hudson

Printed Name of Certifying Official

Chief Forensic Chemist II

Title of Certifying Official

Los Angeles Police Department

Name of Applicant Agency
(Including Name of Unit of Local Government)

3/24/14

Date

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS
NATIONAL INSTITUTE OF JUSTICE

**FY 2014 Coverdell Forensic Science Improvement
Grants Program**

Certification as to Generally Accepted Laboratory
Practices and Procedures

On behalf of the applicant agency named below, I certify the following to the National Institute of Justice, Office of Justice Programs, U.S. Department of Justice:

Any forensic science laboratory system, medical examiner's office, or coroner's office in the State, including any laboratory operated by a unit of local government within the State, that will receive any portion of the grant amount uses generally accepted laboratory practices and procedures, established by accrediting organizations or appropriate certifying bodies.

I acknowledge that a false statement in this certification or in the grant application that it supports may be the subject of criminal prosecution, including under 18 U.S.C. § 1001 and 42 U.S.C. § 3795a. I also acknowledge that Office of Justice Programs grants, including certifications provided in connection with such grants, are subject to review by the Office of Justice Programs and/or by the Department of Justice's Office of the Inspector General.

I have authority to make this certification on behalf of the applicant agency (that is, the agency applying directly to the National Institute of Justice).

Doreen Hudson
Signature of Certifying Official

Doreen Hudson
Printed Name of Certifying Official

Chief Forensic Chemist II
Title of Certifying Official

Los Angeles Police Department
Name of Applicant Agency
(Including Name of State or Unit of Local Government)

3/24/14
Date

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS
NATIONAL INSTITUTE OF JUSTICE

**FY 2014 Coverdell Forensic Science Improvement
Grants Program**

Certification as to Use of Funds for New Facilities

On behalf of the applicant agency named below, I certify the following to the National Institute of Justice, Office of Justice Programs, U.S. Department of Justice:

The amount of the grant (if any) used for the costs of any new facility or facilities to be constructed as part of a program to improve the quality and timeliness of forensic science and medical examiner services will not exceed the limitations set forth at 42 U.S.C. § 3797m(c) and summarized in the FY 2014 Coverdell Forensic Science Improvement Grants Program Announcement.

I acknowledge that a false statement in this certification or in the grant application that it supports may be the subject of criminal prosecution, including under 18 U.S.C. § 1001 and 42 U.S.C. § 3795a. I also acknowledge that Office of Justice Programs grants, including certifications provided in connection with such grants, are subject to review by the Office of Justice Programs and/or by the Department of Justice's Office of the Inspector General.

I have authority to make this certification on behalf of the applicant agency (that is, the agency applying directly to the National Institute of Justice).

Doreen Hudson

Signature of Certifying Official

Doreen Hudson

Printed Name of Certifying Official

Chief Forensic Chemist II

Title of Certifying Official

Los Angeles Police Department

Name of Applicant Agency

(Including Name of State or Unit of Local Government)

3/24/14

Date

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS
NATIONAL INSTITUTE OF JUSTICE

**FY 2014 Coverdell Forensic Science Improvement
Grants Program**

Certification as to External Investigations

On behalf of the applicant agency named below, I certify the following to the National Institute of Justice, Office of Justice Programs, U.S. Department of Justice:

A government entity exists and an appropriate process is in place to conduct independent external investigations into allegations of serious negligence or misconduct substantially affecting the integrity of the forensic results committed by employees or contractors of any forensic laboratory system, medical examiner's office, coroner's office, law enforcement storage facility, or medical facility in the State that will receive a portion of the grant amount.

I personally read and reviewed the section entitled "Eligibility" in the Fiscal Year 2014 program announcement for the Coverdell Forensic Science Improvement Grants Program. I acknowledge that a false statement in this certification or in the grant application that it supports may be the subject of criminal prosecution, including under 18 U.S.C. § 1001 and 42 U.S.C. § 3795a. I also acknowledge that Office of Justice Programs grants, including certifications provided in connection with such grants, are subject to review by the Office of Justice Programs and/or by the Department of Justice's Office of the Inspector General.

I have authority to make this certification on behalf of the applicant agency (that is, the agency applying directly to the National Institute of Justice).

Doreen Hudson
Signature of Certifying Official

Doreen Hudson
Printed Name of Certifying Official

Chief Forensic Chemist II
Title of Certifying Official

Los Angeles Police Department
Name of Applicant Agency
(Including Name of State or Unit of Local Government)

3/24/14
Date