BPC:19-0268

INTRADEPARTMENTAL CORRESPONDENCE

REVIEWED

September 24, 2019
3.5

RICHARD M. TEFANK
EXECUTIVE DIRECTOR
9/26/19
DATE

RECEIVED
SEP 26 2019
POLICE COMMISSION

TO: The Honorable Board of Police Commissioners

FROM: Chief of Police

SUBJECT: BUDGET MODIFICATION FOR THE 2017 DNA CAPACITY ENHANCEMENT AND BACKLOG REDUCTION PROGRAM GRANT – (COUNCIL FILE #17-1437)

RECOMMENDED ACTIONS

1. That the Board of Police Commissioners (Board) REVIEW and APPROVE this report.

2. That the Board TRANSMIT the attached grant modifications, pursuant to Administrative Code Section 14.6(a), to the Mayor, Office of the City Administrative Officer (CAO), Office of the Chief Legislative Analyst and to the City Clerk for Committee and City Council reference.

3. That the Board REQUEST the Mayor and City Council to:

   A. AUTHORIZE the Los Angeles Police Department (LAPD) to transfer funds totaling $212,429 within the 2017 DNA Capacity Enhancement and Backlog Reduction (CEBR) Program Grant, United States Department of Justice (DOJ), as follows:

Category	Current Budget	Change	New Budget
Personnel	$ 694,473	$ (212,429)	$ 482,044
Travel	$ 42,336	$ 4,065	46,401
Equipment	$ 267,201	$ 205,799	$ 473,000
Other	$ 19,680	$ 2,565	$ 22,245
Total	$ 1,023,690	$ 0	$ 1,023,690

   B. AUTHORIZE the Controller to transfer appropriations as follows:

From	**Fund No**	**Account No**	**Amount**
Civilian Overtime	100	001090	$212,429

To	**Fund No**	**Account No**	**Amount**
2017 DNA CEBR Program Grant	339	70P502	$212,429

C. AUTHORIZE the LAPD to prepare Controller Instructions for any technical adjustments, subject to the approval of the CAO, and AUTHORIZE and INSTRUCT the Controller to implement the instructions.

DISCUSSION

The LAPD is seeking approval for the budget modification totaling $212,429 within the 2017 DNA Capacity Enhancement and Backlog Reduction Program Grant. The United States Department of Justice (DOJ), Office of Justice Programs has approved funds to be transferred from the Personnel budget category to Equipment, Travel, and Other budget categories. The modification will allow the Department to fund the purchase of three genetic profiling instruments which are approved by the National DNA Index System, one capacity upgrade for an existing automated liquid handler, one laboratory bench for an existing automated extraction instrument, and one additional centrifuge for the recovery of DNA from firearms cartridges and expended cartridge casings. The equipment and upgrade purchases will result in greater sample throughput and improve efficiency in recovering DNA for genetic profiling. In addition, the LAPD is requesting to increase the Travel budget to cover the costs of attending additional training opportunities.

If you have any questions, please contact Senior Management Analyst II Stella Larracas, Officer in Charge, Grants Section, at (213) 486-0380.

Respectfully,

MICHEL R. MOORE
Chief of Police

BOARD OF
POLICE COMMISSIONERS
Approved October 1, 2019
Secretary Maria Silva

Attachments

INTRADEPARTMENTAL CORRESPONDENCE

September 24, 2019
3.5

TO: Chief of Police

FROM: Commanding Officer, Fiscal Operations Division

SUBJECT: BUDGET MODIFICATION FOR THE 2017 DNA CAPACITY ENHANCEMENT AND BACKLOG REDUCTION PROGRAM GRANT – (COUNCIL FILE #17-1437)

Attached for your approval and signature is an Intradepartmental Correspondence to the Board of Police Commissioners, seeking approval to transfer funds totaling $212,429 within the 2017 DNA Capacity Enhancement and Backlog Reduction Program Grant. The United States Department of Justice (DOJ), Office of Justice Programs has approved funds to be transferred from the Personnel budget category to Equipment, Travel, and Other budget categories. The budget modification will allow the Department to fund the purchase of three genetic profiling instruments which are approved by National DNA Index System, one capacity upgrade for an existing automated liquid handler, one laboratory bench for an existing automated extraction instrument, and one additional centrifuge for the recovery of DNA from firearms cartridges and expended cartridge casings. The equipment and upgrade purchases will result in greater sample throughput and improve efficiency in recovering DNA for genetic profiling. In addition, LAPD is requesting to increase the Travel budget to cover the costs of attending additional training opportunities.

If you have any questions, please contact Senior Management Analyst II Stella Larracas, Grants Section, Fiscal Operations Division at (213) 486-0380.

ANNEMARIE SAUER, Police Administrator II
Commanding Officer
Fiscal Operations Division

Attachments

All Active

Change Requested

Approved

Denied

Draft

Create Grant Adjustment

Help/Frequently Asked Questions

US DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

GRANT ADJUSTMENT NOTICE

Grantee Information

Grantee Name:	City of Los Angeles	**Project Period:**	01/01/2018 - 12/31/2019	**GAN Number:**	009
Grantee Address:	200 N. SPRING ST. SW MEZZANINE RM. M175 LOS ANGELES, 90012	**Program Office:**	NIJ	**Date:**	09/23/2019
Grantee DUNS Number:	03-784-8012	**Grant Manager:**	Shelia Anderson		
Grantee EIN:	95-6000735	**Application Number(s):**	2017-90919-CA-DN		
Vendor #:	956000735	**Award Number:**	2017-DN-BX-0126		
Project Title:	Los Angeles Police Department FY 2018-2019 DNA Capacity Enhancement and Backlog Reduction Program	**Award Amount:**	$1,023,690.00		

Note: There is no Final Review for this award.

Budget Modification

* All editable Budget fields must contain a numeric value.

Categories	Approved Budget	Requested Changes to Budget	Revised Budget
A. Personnel	$ 694473	$ -212429	$ 482044
B. Fringe Benefits	$ 0	$ 0	$ 0
C. Travel	$ 42336	$ 4065	$ 46401
D. Equipment	$ 267201	$ 205799	$ 473000
E. Supplies	$ 0	$ 0	$ 0
F. Construction	$ 0	$ 0	$ 0
G. Contractual	$ 0	$ 0	$ 0
H. Other	$ 19680	$ 2565	$ 22245
TOTAL DIRECT COST	$ 1023690	$ 0	$ 1023690
Total Direct Costs = (Sum of lines A-H)			
INDIRECT COST	$ 0	$ 0	$ 0
TOTAL PROJECT	$ 1023690	$ 0	$ 1023690

COST

Total Project Costs = Total Direct Costs + Indirect Cost
Total Project Costs = Federal Funds Approved + Non-Federal Funds + Program Income

FEDERAL FUNDS APPROVED	$ 1023690		$ 1023690
NON-FEDERAL FUNDS APPROVED	$ 0	$ 0	$ 0
PROGRAM INCOME	$ 0	$ 0	$ 0

***Required Justification for Budget Modification**

LAPD is requesting a budget modification due to expense changes to Personnel, Travel, Equipment, and Other categories. Please see attachments for reference.

Attachments:

Filename:	User:	Timestamp:	Action:
2017 CEBR Proposed April 2019 GAN Justification 08212019 for grants_FINAL (UPDATED).docx	LAPDGRANTS	09/03/2019 6:04 PM	Delete Attachment
US15855_BudgetDetail_2017 CEBR (2018-2019) GAN proposal 27 Aug 2019 for Grants_FINAL (UPDATED).xlsm	LAPDGRANTS	09/03/2019 6:04 PM	Delete Attachment
2017 CEBR Proposed April 2019 GAN Justification 08212019 for grants_FINAL.docx	LAPDGRANTS	08/28/2019 12:32 PM	Delete Attachment
US15855_BudgetDetail_2017 CEBR (2018-2019) GAN proposal 27 Aug 2019 for Grants_FINAL.xlsm	LAPDGRANTS	08/28/2019 12:32 PM	Delete Attachment

Actions:

Close

Printer Friendly Version

Audit Trail:

Description:	Role:	User:	Timestamp:	Note:
Approved-Final	OCFMD - Supervisor	nguyenk	09/23/2019 5:28 PM	View Note
Submitted	PO - Grant Manager	LAPDGRANTS	09/03/2019 6:05 PM	View Note
Change Requested	EXTERNAL - External User	anderss2	08/28/2019 2:54 PM	View Note
Change Requested	PO - Grant Manager	anderss2	08/28/2019 2:54 PM	View Note
Submitted	PO - Grant Manager	LAPDGRANTS	08/28/2019 12:34 PM	View Note
Draft	EXTERNAL - External User	LAPDGRANTS	08/27/2019 1:45 PM	View Note

FY17 DNA Capacity Enhancement and Backlog Reduction (CEBR) Program
Grant # 2017 DNBX 0126
Budget Modification

The Los Angeles Police Department (LAPD) requests a budget modification for the FY 17 DNA CEBR Program. Below is the breakdown and justification for the changes.

Category	Current Budget	Change	Proposed Budget
Personnel	$ 694,473.00	$ (212,429.00)	$ 482,044.00
Travel	$ 42,336.00	$ 4,065.00	$ 46,401.00
Equipment	$ 267,201.00	$ 205,799.00	$ 473,000.00
Other	$ 19,680.00	$ 2,565.00	$ 22,245.00
Total	$ 1,023,690.00	$ 0.00	$ 1,023,690.00

Personnel

($212,429.00) LAPD is requesting the transfer from the Personnel category to the Equipment category (to purchase new instruments, expand the capacity of an existing instrument and to provide a housing cabinet for another existing instrument) and the Travel categories (to fund increased costs). As stated in the PMT reported up through June 30, 2019, 1015 cases have already been worked with this award-funded overtime, exceeding the goal of 522 cases identified in the original award application. In addition to the validation projects already listed on the original application, the overtime will be used to fund field collection of evidence samples for potential DNA, and to evaluate and validate an automated liquid sampler instrument and a procedural modification for bone evidence sampling, among other validation projects.

Travel

$4,065.00 LAPD is requesting to adjust the number of personnel sent to various training opportunities from the prior goal of 45 personnel sent to ten training events to 40 personnel sent to eleven training events. The increase in Travel budget is due to shifting staff attendance toward travel events at a greater distance. This increase is made possible primarily through the decrease in the Personnel (overtime) category.

Equipment

$205,799.00 LAPD is requesting to eliminate the purchase of an automated sample lysing instrument from this award (the instrument was purchased under the prior award through an approved budget modification) and will instead purchase three genetic profiling instruments to replace existing, aging instruments via a purchase order using an Annual Requirements Contract the City of Los Angeles have with Life Technologies Corporation. LAPD is also requesting approval to purchase an expansion of the capacity of an existing automated liquid handling instrument, and a bench cabinet to house an existing automated extraction instrument. The instrument, equipment and upgrade purchases will result in greater sample throughput. This modification will result in a net increase in the Equipment

category made possible primarily through the decrease in the Personnel (overtime) category.

Other

$2,565.00 LAPD is requesting to utilize an additional $2,565 to purchase an additional centrifuge for use in a newly-adopted soaking technique for the recovery of DNA from firearms cartridges and expended cartridge casings; thereby improving efficiency in recovering DNA for genetic profiling. This figure is also adjusted due to shifting staff attendance toward training events with lower registration expenses.

Budget Detail - Year 1

Does this budget contain conference costs which is defined broadly to include meetings, retreats, seminars, symposia, and training activities? - Y/N (DOJ Financial Guide, Section 3.10)	*YES*

A. Personnel

Name *List each name, if known.*	Position *List each position, if known.*	Computation *Show annual salary rate & amount of time devoted to the project for each name/position.*						
		Salary	***Rate***	***Time Worked*** *(# of hours, days, months, years)*	***Percentage of Time***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
Various	Criminalist	$89.12	hourly	375	100%	$33,385	$0	$33,385
Various	Management Analyst	$73.68	hourly	19	100%	$1,400	$0	$1,400
Various	Lab Technician	$35.02	hourly	37	100%	$1,296	$0	$1,296
					Total(s)	**$36,081**	**$0**	**$36,081**

Narrative

The Los Angeles Police Department (LAPD) Serology/DNA Unit (SDU) is requesting overtime funding equivalent to approximately 133 hours in a variety of staff positions in Calendar Year (CY) 2018.

The overtime funding supported casework for 31 full-time Criminalists (375 hours) at overtime rates ranging from $47.12/hour to $97.28/hour, and 2 Laboratory Technicians (37 hours) at overtime rates of $33.30/hour and $53.19/hour for approximate total of 412 hours. Analytical staff were directly involved in the processing, screening, analysis, and interpretation of forensic DNA cases, the processing of evidence returned from contractual laboratories, as well as the review and uploading of any CoDIS-eligible profiles. If cases worked with program award overtime is on average $1000 per case, then the estimated number of cases expected to be worked would be approximately 36 cases in CY 2018. 87 cases were actually worked with this award-funded overtime.

Overtime funding also supported management of grant related activities in Calendar Year 2018, for 19 hours at an overtime rate of $73.68/hour for Management Analysts II Doan (as a grant manager for the administrative aspects of the grant). Responsibilities included the tracking of all grant-funded DNA overtime by analysts and processing orders of grant-funded DNA equipment purchases and travel and training.

Casework and validation overtime was made available to all Criminalists and Laboratory Technicians. Criminalists Antaya, Bittbauer, Broderick, Cabral, Calderaro, Do, Donnelly, Dooley,

B. Fringe Benefits

Name *List each grant-supported position receiving fringe benefits.*	Computation *Show the basis for computation.*				
	Base	***Rate***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
			$0		$0
		Total(s)	**$0**	**$0**	**$0**

Narrative

C. Travel										
Purpose of Travel *Indicate the purpose of each trip or type of trip (training, advisory group meeting)*	**Location** *Indicate the travel destination.*	**Type of Expense** *Lodging, Meals, Etc.*	**Basis** *Per day, mile, trip, Etc.*	**Computation** *Compute the cost of each type of expense X the number of people traveling.*						
				Cost	***Quantity***	***# of Staff***	***# of Trips***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
2018 California Association of Criminalists Meeting, Oct 28 to Nov 2, 2018	San Diego, CA	Other	N/A	$100.00	1	8	1	$800	$0	$800
2018 California Association of Criminalists Meeting, Oct 28 to Nov 2, 2018	San Diego, CA	Meals	Day	$60.00	5	8	1	$2,400	$0	$2,400
2018 California Association of Criminalists Meeting, Oct 28 to Nov 2, 2018	San Diego, CA	Lodging	Night	$168.30	4	7	1	$4,713	$0	$4,713
2018 CoDIS National Conference December 2-6, 2018	Norman, OK	Other	N/A	$100.00	1	3	1	$300	$0	$300
2018 CoDIS National Conference December 2-6, 2018	Norman, OK	Meals	Day	$60.00	5	3	1	$900	$0	$900
2018 CoDIS National Conference December 2-6, 2018	Norman, OK	Transportation	Round-trip	$390.95	1	3	1	$1,173	$0	$1,173
2018 CoDIS National Conference December 2-6, 2018	Norman, OK	Lodging	Night	$104.50	4	3	1	$1,254	$0	$1,254
							Total(s)	**$11,540**	**$0**	**$11,540**
Narrative										

The LAPD SDU is requesting funds to send 11 casework analysts to two different conferences in Calendar Year 2018. All rates are GSA per diem rates plus 10% tax. Staff attended the following major annual training events: the 2018 California Association of Criminalists (CAC) Meeting in October/November, and the 2018 CoDIS National Conference in December in Norman, OK.

Criminalists Huck, Kelly, Lee, Mendoza, Robinson, Segura, Sund, and Tashmukhamedova attended the CAC Meeting. As a CAC board member, Robinson's lodging was funded by the CAC.

Criminalists Rosner, Calderaro and Zepeda attended the National CoDIS Conference.

These training events provide DNA Criminalists with the annual DNA training required by the current version of the "FBI Quality Assurance Standards Audit for Forensic DNA Testing Laboratories" document (utilized by ASCLD/LAB and other forensic accrediting bodies when accrediting forensic DNA laboratories) or provide trainees with additional background to prepare for independent DNA casework. In addition, the training events allow Criminalists to remain current on salient topics in forensic science, including those with a potential to improve productivity without sacrificing quality.

Lodging listed is based on the specified GSA rate for the location and the time period of the training event, and is increased by 10% for associated taxes.

The total award is $1,023,690. The 8% limit for training expenses is $81,895.

D. Equipment					
Item *List and describe each item of equipment that will be purchased*	**Computation** *Compute the cost (e.g., the number of each item to be purchased X the cost per item)*				
	# of Items	***Unit Cost***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
			$0		$0
		Total(s)	**$0**	**$0**	**$0**

Narrative

No equipment expenditures are projected for calendar year 2018 for the 2017 CEBR.

E. Supplies					
Supply Items *Provide a list of the types of items to be purchased with grant funds.*	**Computation** *Describe the item and the compute the costs. Computation: The number of each item to be purchased X the cost per item.*				
	# of Items	***Unit Cost***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
			$0		$0
		Total(s)	**$0**	**$0**	**$0**
Narrative					

F. Construction						
Purpose *Provide the purpose of the construction*	**Description of Work** *Describe the construction project(s)*	**Computation** *Compute the costs (e.g., the number of each item to be purchased X the cost per item)*				
		# of Items	***Cost***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
				$0		$0
			Total(s)	**$0**	**$0**	**$0**
Narrative						

G. Subawards (Subgrants)

Description	Purpose	Consultant?			
Provide a description of the activities to be carried out by subrecipients.	*Describe the purpose of the subaward (subgrant)*	*Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.*			
			Total Cost	***Non-Federal Contribution***	***Federal Request***
					$0
		Total(s)	**$0**	**$0**	**$0**

Consultant Travel (if necessary)

Purpose of Travel	Location	Type of Expense	Computation					
Indicate the purpose of each trip or type of trip (training, advisory group meeting)	*Indicate the travel destination.*	*Hotel, airfare, per diem*	*Compute the cost of each type of expense X the number of people traveling.*					
			Cost	***Duration or Distance***	***# of Staff***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
						$0		$0
					Total	$0	$0	$0

Narrative

H. Procurement Contracts

Description	Purpose	Consultant?			
Provide a description of the products or services to be procured by contract and an estimate of the costs. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source procurements in excess of the Simplified Acquisition Threshold (currently $150,000).	*Describe the purpose of the contract*	*Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.*			
			Total Cost	***Non-Federal Contribution***	***Federal Request***
					$0
		Total(s)	**$0**	**$0**	**$0**

Consultant Travel (if necessary)

Purpose of Travel	Location	Type of Expense	Computation					
Indicate the purpose of each trip or type of trip (training, advisory group meeting)	*Indicate the travel destination.*	*Hotel, airfare, per diem*	*Compute the cost of each type of expense X the number of people traveling.*					
			Cost	***Duration or Distance***	***# of Staff***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
						$0		$0
					Total	$0	$0	$0

Narrative

I. Other Costs

Description *List and describe items that will be paid with grants funds (e.g. rent, reproduction, telephone, janitorial, or security services, and investigative or confidential funds).*	**Computation** *Show the basis for computation*						
	Quantity	***Basis***	***Cost***	***Length of Time***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
2018 California Association of Criminalists Meeting Registration, Oct 29 to Nov 2, 2018	7	each	$500.00	1	$3,500	$0	$3,500
				Total(s)	**$3,500**	**$0**	**$3,500**

Narrative

The LAPD SDU is requesting funds to send 10 casework analysts to two different conferences in Calendar Year 2018. All rates are GSA per diem rates plus 10% tax. Staff attended the following major annual training events: the 2018 California Association of Criminalists (CAC) Meeting in October/November, and the 2018 CoDIS National Conference in December in Norman, OK.

Criminalists Huck, Kelly, Lee, Robinson, Segura, Sund, and Tashmukhamedova attended the CAC Meeting. As a CAC board member, Robinson's lodging was funded by the CAC.

Criminalists Rosner, Calderaro and Zepeda attended the CoDIS Conference. There is no registration cost for the CoDIS conference.

These training events provide DNA Criminalists with the annual DNA training required by the current version of the "FBI Quality Assurance Standards Audit for Forensic DNA Testing Laboratories" document (utilized by ASCLD/LAB and other forensic accrediting bodies when accrediting forensic DNA laboratories) or provide trainees with additional background to prepare for independent DNA casework. In addition, the training events allow Criminalists to remain current on salient topics in forensic science, including those with a potential to improve productivity without sacrificing quality.

The total award is $1,023,690. The 8% limit for training expenses is $81,895

J. Indirect Costs

Description *Describe what the approved rate is and how it is applied.*	**Computation** *Compute the indirect costs for those portions of the program which allow such costs.*				
	Base	***Indirect Cost Rate***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
			$0		$0
		Total(s)	**$0**	**$0**	**$0**

Narrative

Budget Detail - Year 2

Does this budget contain conference costs which is defined broadly to include meetings, retreats, seminars, symposia, and training activities? - Y/N (DOJ Financial Guide, Section 3.10)	*Yes*

A. Personnel

Name	Position	Computation						
List each name, if known.	*List each position, if known.*	*Show annual salary rate & amount of time devoted to the project for each name/position.*						
		Salary	***Rate***	***Time Worked*** *(# of hours, days, months, years)*	***Percentage of Time***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
Various	Management Analyst	$80.61	hourly	100	100%	$8,061	$0	$8,061
Various	Lab Technician	$56.38	hourly	200	100%	$11,276	$0	$11,276
Various	Criminalist	$99.87	hourly	4,272	100%	$426,626	$0	$426,626
					Total(s)	**$445,963**	**$0**	**$445,963**

Narrative

The Los Angeles Police Department (LAPD) Serology/DNA Unit (SDU) is requesting overtime funding equivalent to approximately 4572 hours in a variety of staff positions in Calendar Year (CY) 2019.

The overtime funding will support DNA laboratory casework for as many as 86 full-time Criminalists and 2 Firearms Examiners at overtime rates ranging up to $99.87/hour, and 11 Laboratory Technicians at overtime rates ranging up to $56.38/hour for approximate total of 4272 hours. These analytical staff are directly involved in the field collection of potential DNA evidence samples, processing, screening, analysis, and interpretation of forensic DNA cases, the processing of evidence from the coroner office or returned from contractual laboratories, as well as the review and uploading of any CoDIS-eligible profiles.

4272 hours at $99.87/hour totals approximately $426,644. Using the average cost of $1,000 per case, the estimated number of cases to be worked would be approximately 426 cases in CY 2019. As stated in the PMT reported up through June 30, 2019, 1015 cases have already been worked with this award-funded overtime, exceeding the goal of 522 cases identified in the original award application.

The LAPD is budgeting 200 hours of overtime at a rate of up to $99.87/hour in validation projects, as well as for the revision of procedures, as necessary, in maintaining ANSI-ASQ National Accreditation Board (ANAB) accreditation. The Laboratory Technicians will assist in validation projects by preparing and performing Quality Control checks on reagents necessary for

analysis. The Criminalists will validate (in CY 2019) an automated liquid sampler instrument, an automatic lysing liquid sampler instrument, and a next generation genetic profiling instrument. Criminalists will continue the validation of a procedural modification for the sampling of bone evidence, as well as new methods for the detection of saliva stains and the collection of DNA from expended firearms ammunition casings. In addition, Criminalists will evaluate any other approved technique, procedure, equipment/instrumentation which may be deemed useful in improving the efficiency of the forensic analysis of DNA. The Laboratory Technicians will assist in validation projects by preparing and performing Quality Control checks on reagents necessary for analysis.

DNA Casework, field collection of DNA samples, and validation overtime is available to Criminalists Aghajanian, Aguirre, An, Antaya, Ariyasu, Barye, F Biraimah, Bittbauer, Broderick, Cabral, Calderaro, Canlas, Cummings, Dahdouh, Dal Chele, Do, Donnelly, Dooley, Dorrel, Eichmann, Ergun, Flores, Fox, Francis, Frias, Garcia, M Gonzalez, C Greenfield, D Greenfield, Hawk, Hong, Huck, Hunter, Huynh, Hwang, Iwasaki, Kelly, Kim, Kukenas, Lilio, Liwag, Lopez, Mar, Mendoza, Menjivar, Mueck, Munoz, Ng, H Nguyen, Q Nguyen, Park, Perez, Ramirez, Rapisura, Reid, Reinarz, Rinehart, Rubin, Jan. Sanchez, Jenn. Sanchez, N Sanchez, Sao, Saucedo, Schliebe, Segura, Seror, Shirasaki, Simpson, Siu, Sund, Tan, Tashmukhamedova, Tom, Tosch, Tran, Valles, Weisz, Williams, Woiwode, Youssef Yumori, P Zdanowski, Zepeda, and Zielinski. Field Collection of DNA samples is also available to Firearms Examiners Arredondo and Rathinam. Casework and field collection of DNA samples, and validation overtime is also available to Lab Technicians Anderson, Ferreiro, Jacobe, Nation and Tianco. Casework, field collection of DNA samples, and validation overtime may also be available to other analytical staff yet unnamed, should they be assigned to the SDU or to field collection duties during CY 2019.

The LAPD is budgeting 100 hours of overtime at a rate of up to $80.61/hour to support management of grant related activities in Calendar Year 2019 for Management Analysts Doan, Ballardo, Montesquieu and Navarro. These positions have the responsibilities of tracking of all grant-funded DNA overtime by analysts and processing orders of grant-funded DNA equipment purchases and travel and training. Overtime for grant administrative duties may also be available to other management staff yet unnamed, should they be assigned to that responsibility during CY 2019.

B. Fringe Benefits					
Name *List each grant-supported position receiving fringe benefits.*	**Computation** *Show the basis for computation.*				
	Base	***Rate***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
			$0		$0
		Total(s)	**$0**	**$0**	**$0**
Narrative					

C. Travel										
Purpose of Travel *Indicate the purpose of each trip or type of trip (training, advisory group meeting)*	**Location** *Indicate the travel destination.*	**Type of Expense** *Lodging, Meals, Etc.*	**Basis** *Per day, mile, trip, Etc.*	**Computation** *Compute the cost of each type of expense X the number of people traveling.*						
				Cost	***Quantity***	***# of Staff***	***# of Trips***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
American Society of Crime Laboratory Directors Leadership Academy Oct 21-23 2019	Austin, Tx	Transportation	Round-trip	$400.00	1	1	1	$400	$0	$400
American Society of Crime Laboratory Directors Leadership Academy Oct 21-23 2019	Austin, Tx	Lodging	Night	$159.50	3	1	1	$479	$0	$479
American Society of Crime Laboratory Directors Leadership Academy Oct 21-23 2019	Austin, Tx	Meals	Day	$60.00	4	1	1	$240	$0	$240
American Society of Crime Laboratory Directors Leadership Academy Oct 21-23 2019	Austin, Tx	Other	N/A	$100.00	1	1	1	$100	$0	$100
International Assoc of Bloodstain Pattern Analysts Conference Oct 29-Nov 1 2019	Chicago, Il	Transportation	Round-trip	$400.00	1	1	1	$400	$0	$400
International Assoc of Bloodstain Pattern Analysts Conference Oct 29-Nov 1 2019	Chicago, Il	Lodging	Night	$223.00	4	1	1	$892	$0	$892
International Assoc of Bloodstain Pattern Analysts Conference Oct 29-Nov 1 2019	Chicago, Il	Meals	Day	$60.00	5	1	1	$300	$0	$300
International Assoc of Bloodstain Pattern Analysts Conference Oct 29-Nov 1 2019	Chicago, Il	Other	N/A	$100.00	1	1	1	$100	$0	$100
2019 International Symposium on Human Identification Sept 23-26, 2019	Palm Springs, Ca	Lodging	Night	$116.60	4	8	1	$3,732	$0	$3,732
2019 International Symposium on Human Identification Sept 23-26, 2019	Palm Springs, Ca	Meals	Day	$60.00	5	8	1	$2,400	$0	$2,400

2019 International Symposium on Human Identification Sept 23-26, 2019	Palm Springs, Ca	Other	N/A	$100.00	1	8	1	$800	$0	$800
2019 California Association of Criminalists Fall Seminar October 21-25, 2019	San Bernardino, CA	Lodging	Night	$112.20	4	2	1	$898	$0	$898
2019 California Association of Criminalists Fall Seminar October 21-25, 2019	San Bernardino, CA	Meals	Day	$60.00	5	2	1	$600	$0	$600
2019 California Association of Criminalists Fall Seminar October 21-25, 2019	San Bernardino, CA	Other	N/A	$100.00	1	2	1	$200	$0	$200
American Academy of Forensic Sciences Annual Meeting Feb 18-23, 2019	Baltimore	Transportation	Round-trip	$487.00	1	5	1	$2,435	$0	$2,435
American Academy of Forensic Sciences Annual Meeting Feb 18-23, 2019	Baltimore	Lodging	Night	$128.70	5.5	5	1	$3,540	$0	$3,540
American Academy of Forensic Sciences Annual Meeting Feb 18-23, 2019	Baltimore	Meals	Day	$60.00	3	5	1	$900	$0	$900
American Academy of Forensic Sciences Annual Meeting Feb 18-23, 2019	Baltimore	Other	N/A	$100.00	1	5	1	$500	$0	$500
DOJ NIJ Grant Award Financial Management 2019	Washington DC	Transportation	Round-trip	$731.00	1	2	1	$1,462	$0	$1,462
DOJ NIJ Grant Award Financial Management 2019	Washington DC	Lodging	Night	$278.30	2	2	1	$1,114	$0	$1,114
2019 Bode Conference April 23-26, 2019	Phoenix	Transportation	Round-trip	$400.00	1	3	1	$1,200	$0	$1,200
2019 Bode Conference April 23-26, 2019	Phoenix	Lodging	Night	$133.00	4	3	1	$1,596	$0	$1,596
2019 Bode Conference April 23-26, 2019	Phoenix	Meals	Day	$60.00	5	3	1	$900	$0	$900

2019 Bode Conference April 23-26, 2019	Phoenix	Other	N/A	$100.00	1	3	1	$300	$0	$300
2019 California Association of Criminalists Spring Seminar May 14-17, 2019	Oakland, CA	Transportation	Round-trip	$400.00	1	3	1	$1,200	$0	$1,200
2019 California Association of Criminalists Spring Seminar May 14-17, 2019	Oakland, CA	Lodging	Night	$192.50	4	3	1	$2,310	$0	$2,310
2019 California Association of Criminalists Spring Seminar May 14-17, 2019	Oakland, CA	Meals	Day	$60.00	5	3	1	$900	$0	$900
2019 California Association of Criminalists Spring Seminar May 14-17, 2019	Oakland, CA	Other	N/A	$100.00	1	3	1	$300	$0	$300
2019 STRmix Users Group June 17-21, 2019	San Diego	Lodging	Night	$191.40	4	4	1	$3,063	$0	$3,063
2019 STRmix Users Group June 17-21, 2019	San Diego	Meals	Day	$60.00	5	4	1	$1,200	$0	$1,200
2019 STRmix Users Group June 17-21, 2019	San Diego	Other	N/A	$100.00	1	4	1	$400	$0	$400
							Total(s)	**$34,861**	**$0**	**$34,861**

Narrative

The LAPD SDU is requesting funds for travel for as many as 27 casework analysts and two LAPD Grants Section analysts to attend as many as nine different conferences in Calendar Year 2019, as follows: SDU staff attended the following major annual DNA training events: the International Association of Bloodstain Pattern Analysts Conference in Oct-Nov 2019 in Chicago (Criminalist Rinehart), the American Academy of Forensic Sciences Annual Meeting in February 2019 in Baltimore (Criminalists Dahdouh, Mar, Sholl, P Zdanowski and Zielinski), the Bode Conference in Bode Conference in April 2019 in Phoenix (Criminalists Dal Chele, Menjivar and Tan), the semi-annual California Association of Criminalists meetings in May 2019 in Oakland, CA (Criminalists Kelly, Ramirez and Robinson) as well as in October 2019 in San Bernardino, CA (Criminalist Schliebe and Do), the International Symposium on Human Identification in in September 2019 in Palm Springs, CA (Criminalists Huck, Cabral, Donnelly, Hong, Sund, Simpson, Williamson and Tom) and the STRmix Users Group meeting in June 2019 in San Diego (Criminalists Lopez, Reid, Sholl and Tosch), or training of a similar nature. LAPD Grants Section Staff (Management Analysts , who manage and track grant award funds for the SDU) will attend a DOJ NIJ Grant Award Financial Management training event in Washington DC.

These training events provide DNA Criminalists with the annual DNA training required by the current version of the "FBI Quality Assurance Standards Audit for Forensic DNA Testing Laboratories" document (utilized by ASCLD/LAB and other forensic accrediting bodies when accrediting forensic DNA laboratories) or provide trainees with additional background to prepare for independent DNA casework. In addition, the training events allow Criminalists to remain current on salient topics in forensic science, including those with a potential to improve productivity without sacrificing quality.

Lodging listed is based on the specified GSA rate for the location and the time period of the training event, and is increased by 10% for associated taxes.

The total award is $1,023,690. The 8% limit for training expenses is $81,895

D. Equipment

Item	Computation				
List and describe each item of equipment that will be purchased	*Compute the cost (e.g., the number of each item to be purchased X the cost per item)*				
	# of Items	***Unit Cost***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
Capacity upgrade for automated liquid handler (existing)	1	$18,000.00	$18,000	$0	$18,000
Genetic Analyzers	3	$150,000.00	$450,000	$0	$450,000
Laboratory bench for automated extraction instrument (existing)	1	$5,000.00	$5,000	$0	$5,000
		Total(s)	**$473,000**	**$0**	**$473,000**

Narrative

The LAPD SDU plans to purchase three new NDIS-approved genetic analyzers through a contracted purchase order with Life Technologies Corporation utilizing award funds in Calendar Year 2019, to take advantage of technological improvements in instrumentation and sample throughput, as well as replace aged existing genetic profiling instruments.

The LAPD SDU also plans to purchase capacity upgrade to an existing automated liquid sampling instrument to increase capacity by doubling its sample throughput from 48 to 96 samples in one run.

The LAPD SDU also plans to purchase a laboratory bench/cabinet to house an existing automated extraction instrument not currently online due to a shortage of usable laboratory bench space for instrumentation. This purchase will increase laboratory throughput and capacity.

E. Supplies

Supply Items *Provide a list of the types of items to be purchased with grant funds.*	**Computation** *Describe the item and the compute the costs. Computation: The number of each item to be purchased X the cost per item.*				
	# of Items	***Unit Cost***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
			$0	$0	$0
			$0	$0	$0
		Total(s)	**$0**	**$0**	**$0**

Narrative

F. Construction						
Purpose *Provide the purpose of the construction*	**Description of Work** *Describe the construction project(s)*	**Computation** *Compute the costs (e.g., the number of each item to be purchased X the cost per item)*				
		# of Items	***Cost***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
				$0		$0
			Total(s)	**$0**	**$0**	**$0**
Narrative						

G. Subawards (Subgrants)

Description	Purpose	Consultant?			
Provide a description of the activities to be carried out by subrecipients.	*Describe the purpose of the subaward (subgrant)*	*Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.*			
			Total Cost	***Non-Federal Contribution***	***Federal Request***
					$0
		Total(s)	**$0**	**$0**	**$0**

Consultant Travel (if necessary)

Purpose of Travel	Location	Type of Expense	Computation					
Indicate the purpose of each trip or type of trip (training, advisory group meeting)	*Indicate the travel destination.*	*Hotel, airfare, per diem*	*Compute the cost of each type of expense X the number of people traveling.*					
			Cost	***Duration or Distance***	***# of Staff***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
						$0		$0
					Total	$0	$0	$0

Narrative

H. Procurement Contracts

Description	Purpose	Consultant?			
Provide a description of the products or services to be procured by contract and an estimate of the costs. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source procurements in excess of the Simplified Acquisition Threshold (currently $150,000).	*Describe the purpose of the contract*	*Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.*			
			Total Cost	***Non-Federal Contribution***	***Federal Request***
					$0
		Total(s)	**$0**	**$0**	**$0**

Consultant Travel (if necessary)

Purpose of Travel	Location	Type of Expense	Computation					
Indicate the purpose of each trip or type of trip (training, advisory group meeting)	*Indicate the travel destination.*	*Hotel, airfare, per diem*	*Compute the cost of each type of expense X the number of people traveling.*					
			Cost	***Duration or Distance***	***# of Staff***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
						$0		$0
					Total	$0	$0	$0

Narrative

I. Other Costs

Description *List and describe items that will be paid with grants funds (e.g. rent, reproduction, telephone, janitorial, or security services, and investigative or confidential funds).*	**Computation** *Show the basis for computation*						
	Quantity	***Basis***	***Cost***	***Length of Time***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
Centrifuge and 5mL rotor/lid	1	each	$4,000.00	1	$4,000	$0	$4,000
American Acad Crime Lab Dir Leadership Acadmeny Oct 21-23, 2019	1	each	$675.00	1	$675	$0	$675
Intl Assoc of Bloodstain Pattern Analysts, Oct 29-Nov 1, 2019	1	each	$500.00	1	$500	$0	$500
2019 Int'l Symp Human Ident, September 23-26, 2019	8	each	$695.00	1	$5,560	$0	$5,560
2019 Fall CAC Seminar, October 21-25 2019	3	each	$505.00	1	$1,515	$0	$1,515
18th Annual Bode Conference, April 22-26, 2019	3	each	$785.00	1	$2,355	$0	$2,355
2019 Spring CAC Seminar, May 13-19, 2019	3	each	$505.00	1	$1,515	$0	$1,515
AAFS 70th Annual Meeting, Feb 18-23, 2019	5	each	$525.00	1	$2,625	$0	$2,625
				Total(s)	**$18,745**	**$0**	**$18,745**

Narrative

SDU staff attended or will attend the following major annual DNA training events: the International Association of Bloodstain Pattern Analysts Conference in Oct-Nov 2019 in Chicago (Criminalist Rinehart), the American Academy of Forensic Sciences Annual Meeting in February 2019 in Baltimore (Criminalists Sholl, Mar, Zielinski, Zdanowski and Dahdouh), the Bode Conference in April 2019 in Phoenix (Criminalists Menjivar, Dal Chele and Tan), the International Symposium on Human Identification in September 2019 in Palm Springs, CA (Criminalists Huck, Cabral, Donnelly, Hong, Sund, Simpson, Williamson and Tom) and the semi-annual California Association of Criminalists meetings in May 2019 in Oakland, CA (Criminalists Kelly, Ramirez and Robinson) and in October 2019 in San Bernardino, CA (Criminalists Schliebe and Do), or training of a similar nature.

Additional staff attended or will attend training at other events which entail no registration expenses:
DOJ NIJ Grant Award Financial Management training event in March in Washington DC.
The STRmix Users Group meeting in June in San Diego.

These training events provide DNA Criminalists with the annual DNA training required by the current version of the "FBI Quality Assurance Standards Audit for Forensic DNA Testing Laboratories" document (utilized by ASCLD/LAB and other forensic accrediting bodies when accrediting forensic DNA laboratories) or provide trainees with additional background to prepare for independent DNA casework. In addition, the training events allow Criminalists to remain current on salient topics in forensic science, including those with a potential to improve productivity without sacrificing quality.

The total award is $1,023,690. The 8% limit for training expenses is $81,895.

The LAPD also plans to purchase a centrifuge and 5mL rotor/lid to validate a new higher-yield procedure to soak and recover 'touch' DNA from expended firearms cartridge casings and unfired firearms cartridges.

J. Indirect Costs

Description *Describe what the approved rate is and how it is applied.*	**Computation** *Compute the indirect costs for those portions of the program which allow such costs.*				
	Base	***Indirect Cost Rate***	***Total Cost***	***Non-Federal Contribution***	***Federal Request***
			$0		$0
		Total(s)	**$0**	**$0**	**$0**

Narrative