

2013 Paul Coverdell Forensic Science Improvement Grants Program

Increase Laboratory Capability and Efficiency of Crime Scene Processing (Base Funds)
Enhancement of the Crime Scene Response Section Capability and Efficiency of Crime Scene
Screening and Documentation, and Increase the Laboratory Capability in the Processing of
Forensic Drug Cases (Competitive Funds)

April 29, 2013

Applicant's Name: Guam Bureau of Statistics and Plans

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Project Abstract



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

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Part 2: Please identify the application

Application Information	
Solicitation Name	Paul Coverdell Forensic Science Improvement Grants Program
Project Title	FY 2013 Paul Coverdell Forensic Science Improvement Grants Program: Increase Laboratory Capability and Efficiency of Crime Scene Evidence Screening and Processing
Proposed Start Date	October 1, 2013
Proposed End Date	September 30, 2014
Funding Amount Requested	\$3395

Part 3: Please identify the project location and applicant type

Project Location and Applicant Type	
Project Location (City, State)	Mangilao, Guam
Applicant Type (Tribal Nation, State, County, City, Nonprofit, Other)	State



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

Program Scope and Objectives

The scope of this proposal is to enhance Guam's only Forensic Science Laboratory capability and efficiency in evidence screening and processing of crime scene evidence for the Crime Scene Response Section by acquiring additional crime scene supplies to be used in the collection and preservation of evidence recovered at the crime scene.

The objective is to provide crime scene supplies for the Crime Scene Response Section.

Project Design and Methodology

To address the objective, the Guam Police Department Forensic Science Laboratory will use the grant funds to purchase the following crime scene supplies: nitrile gloves, bloodstain cards, transparent fingerprint lifting tape, evidence tape, and latent print cards to be used to collect and preserve evidence recovered from the crime scene.

Support of this proposal will assist the Guam Police Department Forensic Science Laboratory in increasing the Crime Scene Response Section capability and efficiency in evidence screening and processing. The program evaluation criteria will consist of the successful implementation of the crime scene supplies for collecting and preserving evidence recovered from the crime scene for analysis. The program outcomes and effectiveness of the project will be based on the efficiencies that the Forensic Science Division will experience with the implementation of the crime scene supplies. The anticipated outcome of this program is the increased forensic quality of the processed evidence.




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
	APR 29 2013
AO Name	Lorilee T. Crisostomo
Title	Director
Organization Name	Guam Bureau of Statistics and Plans
Phone Number	671 472-4201/2/3
Email Address	lorilee.crisostomo@bsp.guam.gov

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



Project Abstract



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Applicant POC	
Organization Name	Guam Bureau of Statistics and Plans
POC Name	Lorilee T. Crisostomo
Phone Number	(671)472-4201/2/3
Email Address	lorilee.crisostomo@bsp.guam.gov
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Part 2: Please identify the application

Application Information	
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Project Title	FY 2013 Paul Coverdell Forensic Science Improvement Grants Program: Enhancement of the Crime Scene Response Section Capability and Efficiency of Crime Scene Screening and Documentation; and Increase the Laboratory Capability in the Processing of Forensic Drug Cases
Proposed Start Date	October 1, 2013
Proposed End Date	September 30, 2014
Funding Amount Requested	\$175,000

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



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- 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

Program Scope and Objectives

The scope of this proposal is to enhance and improve the Crime Scene Response Section quality and timeliness in gathering the evidence and documenting the crime scene; and to eliminate the backlog in the analysis of controlled substances in the Drug Analysis Unit. There are two objectives. The first objective is to purchase a 3D crime scene mapping system to quickly document and record the crime scene evidence; and the second objective is to provide support for one Criminalist I position for the Drug Analysis Unit.

Program Design and Methodology

To meet the scope and objectives, we will purchase a 3D Crime Scene Mapping System for the documentation and recordation of images and data from the crime scene for the Crime Scene Response Section. The 3D Crime Scene Mapping System will improve the crime scene investigators' time in quickly documenting and measuring a crime scene that provides for accurate three-dimensional picture of the crime scene. It will also allow investigators to revisit the crime scene in a virtual environment to view items that may have developed evidential value after further investigation.

To meet the second objective, the grant will provide personnel and fringe benefits for one Criminalist I position. Currently the Drug Analysis Unit consists of one (1) full time analyst processing drug evidence in cases that are going to Court or are under active investigation. At this time the Drug Analysis Unit is averaging 407 backlogged cases to be analyzed. Due to the Government of Guam's budget cuts, the Guam Police Department is unable to secure a Criminalist for the Forensic Science Laboratory to analyze the drug cases. In light of this, a Criminalist I position is of critical importance to ensure the processing of current and backlog controlled substances evidence in the Drug Analysis Unit. This Criminalist I will assist the senior Criminalist I in conducting analysis of controlled substances of current and backlog forensic drug cases.

Meeting these objectives and the scope of this proposal will reduce the Crime Scene Response Section investigators time spent collecting and reconstructing the crime scene; and will increase the Drug Analysis Unit evidence screening and processing of current and backlog forensic drug cases. The program evaluation criteria will consist of the successful implementation of the 3D crime scene mapping system for documenting and recording the evidence from the crime for reconstruction in a virtual environment back at the forensic laboratory; and the successful implementation of the Criminalist I. The program outcomes and effectiveness of the project will be based on the efficiencies that the Forensic Science Division will experience with the implementation of the 3D crime scene mapping system and Criminalist I. The anticipated outcome of this program is the increased forensic quality and timeline of the processed crime scene and reduction in the backlog of forensic drug cases.




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- Permission not granted**
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Authorized Official (AO) Consent	
Signature 	Date APR 29 2013
AO Name	Lorilee T. Crisostomo
Title	Director
Organization Name	Guam Bureau of Statistics and Plans
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Program Narrative (Base Funds)

Increase Laboratory Capability and Efficiency of Crime Scene Evidence

Screening and Processing

Program Scope

The scope of this proposal is to enhance Guam's only Forensic Science Laboratory capability and efficiency in evidence screening and processing for the Crime Scene Response Section by acquiring additional crime scene supplies to be used in the collection and preservation of evidence recovered at the crime scene. The objective is to provide crime scene supplies for the Crime Scene Response Section.

To address the objective, the Guam Police Department Forensic Science Laboratory will use grant to purchase the following crime scene supplies such as nitrile gloves, bloodstain card, transparent fingerprint lifting tape, evidence tape, and latent print cards to be used to collect and preserve evidence recovered from the crime scene.

Support of this proposal will assist the Guam Police Department Forensic Science Laboratory in increasing Crime Scene Response Section capability and efficiency in evidence screening and processing. The program evaluation criteria will consist of the successful implementation of the forensic supplies for collecting and preserving evidence recovered from the crime for analysis. The program outcomes and effectiveness of the project will be based on the efficiencies that the Forensic Science Division will experience with the implementation of the crime scene supplies. The anticipated outcome of this program is the increased forensic quality of the processed evidence.

Increase Laboratory Capability and Efficiency of Crime Scene Evidence Screening and Processing

Background

Guam’s government system is unique because there is only one level of Government. The Guam Police Department is the primary law enforcement agency with responsibility for Guam. The jurisdictional area is comprised of 180,692 citizens spread over a service area of 212 square miles. The department accomplishes its mission with a staff of 314 sworn officers and 60 full time civilian employees. The department reports an average of 4,142 (3 year average beginning with 2010 to 2012) instances of major crime each year as reported by the Guam Police Department Planning and Research Division. The major crimes include murder, rape, robbery, aggravated assault, burglary, larceny-theft, motor vehicle theft, and arson. From Calendar Year 2010 to 2012, the Guam Police Department Forensic Science Division received an average of 2,994 forensic cases per year that cumulated an average of 32,155 pieces of evidence to be processed annually.

Guam Police Department Uniform Crime Report 2010 – 2012				
Offenses	2010	2011	2012	Average
Murder	3	6	3	4
Rape	40	91	68	66
Robbery	53	68	90	70
Aggravated Assault	272	332	298	301
Burglary	1165	1955	2463	1861
Larceny-theft	1264	1627	1760	1550
Motor Vehicle theft	227	218	377	274
Arson	16	16	13	15
Total	3040	4313	5072	4142
Source: Guam Police Department, Planning and Research Division (LERMS)				

The Guam Police Department Forensic Science Division is the only U.S. Forensic Laboratory in the Western Pacific region. In addition to providing forensic services for Guam, it provides forensic services to local and federal law enforcement entities in Guam, the Commonwealth of the Northern Mariana Islands, and throughout Micronesia. The Forensic Science Division consists of three distinct sections: Crime Scene Response Section (CSRS), Forensic Science Section (FSS) and the Evidential Control Section (ECS). The CSRS provides services in the area of crime scene field investigation, photo lab, and latent print/fingerprint analysis, the FSS conducts analyses of drugs, serological, and firearms and tool mark evidence while the ECS is responsible for the preservation and safekeeping of all evidence confiscated and submitted to the Guam Police Department.

The Forensic Science Division has twenty-one (21) full time personnel. The staff consist of the following: 1 Division Chief (Police Captain), 1 Operations Chief (Police Lieutenant), 1 Crime Scene Response Section Operations Sergeant (Police Sergeant), 1 Criminalist I (Civilian), 3 Criminalist III (Civilians), 1 Firearms Examiner (PO III), 1 Firearms Examiner Trainee (PO III), 1 Photo Lab (PO I), 4 Finger Print Examiners (2 PO III, 1 POI, 1 Civilian), 5 Crime Scene Investigators (1 POI, 1 POII, and 3 POIII), 2 Evidential Control Officers (1 POIII and 1 Civilian). Of the twenty-one (21) full time personnel, there are four (4) qualifying full time scientists. At this time, the Forensic Science Division does not perform the following analyses: DNA analyses, complete toxicology, hair and fiber, gunshot residue, questioned document, paint and polymers, soil, mineral and glass, and arson and explosives. This evidence is collected and sent off-island to the FBI laboratory for analysis.

Statement of the Problem

Annually, the Guam Police Department Forensic Science Division (GPD FSD) receives an average of 2,994 forensic cases, takes an average of 24,118 pieces of photographic forensic evidence, lifts an average of 7,835 latent prints, confiscates an average of 550 drug cases, receives an average of 149 drug cases, receives an average of 41 serological forensic cases, and receives an average of 12 firearms forensic cases. Due to the Governor of Guam austerity measures to reduce the deficit and budget cuts across the board to include existing essential programs, Guam’s only forensic laboratory is only processing forensic cases going to court, forensic cases with active leads, and forensic cases sent to laboratory. Confiscated evidence pending forensic analysis is being maintained in the Evidential Control Section. The challenging factors that limit the Crime Scene Response Section ability to provide quality and timely evidence processing are due to the limited forensic supplies available.

Funding under this grant is needed to purchase additional forensic crime scene supplies for the Crime Scene Response Section. The additional forensic supplies will enable the crime scene investigators to collect the forensic evidence for screening and processing in a timely manner without having to jeopardize the crime scene due to the lack of forensic supplies.

Forensic Science Division Forensic Cases Investigated and Forensic Evidence Received for Processing							
Year	Crime Scene Investigation	Photo Lab	Latent/Fingerprint Analysis	Drug Analysis		Serology	Firearm & Tool Mark Analysis
	Forensic Cases Investigated	Forensic Evidence Taken	Latent Prints Lifted	Drugs Confiscated	Drug Cases Received	Forensic Cases Received	Forensic Cases Received
2010	2754	16124	8152	765	332	40	13
2011	2526	30828	8349	595	47	33	8
2012	3703	25403	7005	290	69	49	14
Average Total	2994	24118	7835	550	149	41	12
Average turnaround time to process and deliver forensic evidence to the requesting agency is 2 to 3 days.							

Objective and Action Plan

The objective is to enhance the Guam Police Department Forensic Science Laboratory ability to collect and preserve the evidence by providing for additional crime scene supplies.

To accomplish this objective, the Guam Police Department Forensic Science Laboratory will purchase the following additional crime scene supplies such as nitrile gloves, bloodstain card, transparent fingerprint lifting tape, evidence tape, and latent print cards to be used to collect and preserve evidence recovered from the crime scene. The crime scene supplies will ensure the crime scene investigators have readily available supply when they response to a crime scene to collect and preserve the evidence.

Benefits and Conclusions

Support of this proposal will assist the Guam Police Department Forensic Science Laboratory in increasing the Crime Scene Response Section capability and efficiency in evidence screening and processing with the additional crime scene supplies. The program evaluation criteria will consist of the successful implementation of the crime scene supplies for collecting and preserving evidence recovered from the crime scene for analysis. The program outcomes and effectiveness of the project will be based on the efficiencies that the Forensic Science Division will experience with the implementation of the crime scene supplies. The anticipated outcome of this program is the increased forensic quality of the processed evidence.

Collection of Performance Measures Data

To assist in fulfilling the State Administrative Agency's responsibilities under the Government Performance and Results Act (GPRA), Public Law 103-62, the Guam Police

Department's Forensic Science Division will provide and report data that measures the results of the program. The Performance Measures are as follows:

Objective	Performance Measures	Data Grantee Provides
To improve the quality and timeliness of forensic services and to reduce the number of backlogged cases in forensic laboratories.	<p>Outcome Measure</p> <ol style="list-style-type: none"> 1. Reduction in the average number of days from sample submission to a forensic science laboratory and delivery of test results to a requesting office or agency. 2. Percent reduction in the number of backlogged forensic cases. <p>Output Measures</p> <ol style="list-style-type: none"> 1. The number of forensic science or medical examiner personnel who completed appropriate training or education opportunities with Coverdell funds (if applicable to the grant). 	<ol style="list-style-type: none"> 1. Average number of days to process a sample at the beginning of the grant period. 2. Average number of days to process a sample at the end of the grant period. 3. Number of backlogged cases at the beginning of the grant period. 4. Number of backlogged cases at the end of the grant period. 5. Number of forensic science personnel attending training. 6. Number of medical examiner personnel attending training programs.

In addition to the NIJ defined performance measures, several other performance measures including the total turn-around time and the analytical turn-around time will be monitored. Total turn-around time is the number of days between the submissions of a request to the laboratory to the reporting of the results to the requesting agency. The analytical turn-around time is the number of days from when the analyst begins the analysis of the evidence to the reporting of the results to the requesting agency. The change in turnaround time will be calculated every three months and compared this to the initial turn-around time at the beginning of the grant period. The change in the number of backlogged cases will be evaluated every three months.

The Bureau of Statistics and Plans will develop a data table that will encompass the seven disciplines within the forensic laboratory. The data table along with the GPRA Coverdell Performance Measures will be provided to the Guam Police Department Forensic Science Division Criminalist III in the Drug Analysis Section at the start date of the project. The Criminalist III is task with coordinating the collection of the data from each Unit within the Forensic Laboratory monthly. The Criminalist III will compile the data monthly, analyze the data quarterly and submits it to the Bureau fifteen days after the end of the calendar year quarter along with the quarterly progress report. The Criminalist III will ensure the data is accurate, auditable, and correctly measure the impact of the Federal funds provided. The data will be available for review 3 years after the grant has closed with the Bureau of Statistics and Plans, the State Administering Agency.

Program Narrative (Competitive Funds)

Enhancement of the Crime Scene Response Section Capability and Efficiency of Crime Scene Screening and Documentation, and Increase the Laboratory Capability in the Processing of Forensic Drug Cases

Program Scope

The primary scope of this proposal is to enhance and improve the Crime Scene Response Section quality and timeliness in gathering and documenting the crime scene evidence; and to eliminate the backlog in the analysis of controlled substance in the Drug Analysis Unit. The objectives are (1) to improve the quality and timeliness of documenting and recording the crime scene by purchasing a 3D crime scene mapping system, and (2) to eliminate the backlog in the Drug Analysis Unit by providing support for one Criminalist I to analyze controlled substance received.

To meet the scope and objectives, the Guam Police Department will purchase a 3D Crime Scene Mapping System for the documentation and recordation of images and data from the crime scene for the Crime Scene Response Section. The 3D Crime Scene Mapping System will improve the crime scene investigators time in reconstructing the crime scene thus making crime scene reconstruction more accurate, reliable, and easier to explain to a jury. It will also allow investigators to revisit the crime scene in a virtual environment to view items that may have developed evidential value after further investigation.

To meet the second objective, the grant will provide personnel and fringe benefits for one Criminalist I position. Due to the Senior Criminalist III in the Drug Analysis Unit taking on administrative management responsibilities for the laboratory, the Drug Analysis Unit only has

one full time equivalent Criminalist I processing drug cases; and averaging a backlog of 407. As a result of this loss, a Criminalist I position is of critical importance in the Drug Analysis Unit to reduce the backlog of controlled substances evidence in the Drug Analysis Unit.

Meeting these objectives and the scope of this proposal will reduce the Crime Scene Response Section investigators time spent collecting and reconstructing the crime scene; and will increase the Drug Analysis Unit evidence screening and processing of current and backlog forensic drug cases. The program evaluation criteria will consist of the successful implementation of the 3D crime scene mapping system for documenting and recording the evidence from the crime for reconstruction back at the forensic laboratory; and the successful implementation of the Criminalist I. The program outcomes and effectiveness of the project will be based on the efficiencies that the Forensic Science Division will experience with the implementation of the 3D crime scene mapping system and Criminalist I. The anticipated outcome of this program is the increased forensic quality and timeline of the processed crime scene and reduction in the backlog of forensic drug cases by 10 percent over a three year average.

Enhancement of the Crime Scene Response Section Capability and Efficiency of Crime Scene Screening and Processing; and Increase the Drug Analysis Unit Capability in the Processing of Forensic Drug Cases

Background

Guam's government system is unique because there is only one level of Government. The Guam Police Department is the primary law enforcement agency with responsibility for Guam. The jurisdictional area is comprised of 180,692 citizens spread over a service area of 212 square

miles. The department accomplishes its mission with a staff of 310 sworn officers and 63 full time civilian employees. The department reports an average of 389 (3 year average beginning with 2009 to 2011) instances of violent crimes each year to the Federal Bureau of Investigation as reported by the Guam Police Department Planning and Research Division. The violent crimes include murder, rape, robbery, and aggravated assault.

Guam Police Department Violent Crimes Uniform Crime Report 2009 – 2011				
Offenses	2009	2010	2011	Average
Murder	5	3	6	14
Rape	29	40	91	160
Robbery	78	53	68	199
Aggravated Assault	191	272	332	795
Total	303	368	497	389
Source: Crime in Guam 2011 Uniform Crime Report, Guam Police Department				

The Guam Police Department Forensic Science Division is the only U.S. Forensic Laboratory in the Western Pacific region. In addition to providing forensic services for Guam, it provides forensic services to local and federal law enforcement entities in Guam, the Commonwealth of the Northern Mariana Islands, and throughout Micronesia. The Forensic Science Division consists of three distinct sections: Crime Scene Response Section (CSRS), Forensic Science Section (FSS) and the Evidential Control Section (ECS). The CSRS provides services in the area of crime scene field investigation, photo lab, and latent print/fingerprint analysis; the FSS conducts analyses of drugs, serological, and firearms and tool mark evidence; and the ECS is responsible for the preservation and safekeeping of all evidence confiscated and submitted to the Guam Police Department.

The Forensic Science Division has twenty-one (21) full time personnel. The staff consist of the following: 1 Division Chief (Police Captain), 1 Operations Chief (Police Lieutenant), 1

Crime Scene Response Section Operations Sergeant (Police Sergeant), 1 Criminalist I (Civilian), 3 Criminalist III (Civilians), 1 Firearms Examiner (PO III), 1 Firearms Examiner Trainee (PO III), 1 Photo Lab (PO I), 4 Finger Print Examiners (2 PO III, 1 POI, 1 Civilian), 5 Crime Scene Investigators (1 POI, 1 POII, and 3 POIII), 2 Evidential Control Officers (1 POIII and 1 Civilian). Of the twenty-one (21) full time personnel, there are four (4) qualifying full time scientists. At this time, the Forensic Science Division does not perform the following analyses: DNA analyses, complete toxicology, hair and fiber, gunshot residue, questioned document, paint and polymers, soil, mineral and glass, and arson and explosives. This evidence is collected and sent off-island to the FBI laboratory for analysis.

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Forensic Science Division Forensic Cases Investigated and Forensic Evidence Received for Processing							
Year	Crime Scene Investigation	Photo Lab	Latent/Fingerprint Analysis	Drug Analysis		Serology	Firearm & Tool Mark Analysis
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Average Total	2994	24118	7835	550	149	41	12
Average turnaround time to process and deliver forensic evidence to the requesting agency is 2 to 3 days.							

Statement of the Problem

Due to the Governor of Guam austerity measures to reduce the deficit and implementation of budget cuts across the board for all agencies to include existing essential programs, Guam's only forensic laboratory lacks resources to implement state of the art forensic technology equipment to process the crime scene in a timely manner, and additional personnel resources to augment the Forensic Science Section to process the backlog in the Drug Analysis Unit. In light of this, Guam's only forensic laboratory is only processing forensic cases going to court, forensic cases with active leads, and forensic cases sent to laboratory. Confiscated evidence pending forensic analysis is being maintained in the Evidential Control Section. Furthermore, the Crime Scene Response Unit spent countless manpower and time process and documenting the crime scene that it often leads to excessive evidence processing of the crime scene.

The challenging factors that limit the Forensic Science Division to improve the quality of forensic services in the Crime Scene Response Section (CSRS) is the need to implement a 3D crime scene mapping system to quickly and efficiently document the crime scene using less manpower and time; and the need to hire an additional Criminalist I address the backlog in the Drug Analysis Unit.

The Crime Scene Response Section has three shifts with 2 CSI on duty on the first and second shift and 1 CSI on duty on the rotational shift. When responding to a violent crime incident, countless manpower and hours are spend gathering, processing, and documenting the crime scene with limited number of Crime Scene Investigators and Criminalist available. In CY 2011, of the 332 violent crime offenses reported, the Crime Scene Response Section spent an

average of 6740 hours processing, documenting, reconstructing, and revisiting the crime scene. This is a 27% increase over the processing, documenting, reconstructing, and revisiting of the CY 2010 reported violent crime offenses. This detrimental factor leads to burnt out crime scene investigators, delays or in some cases not processing crime scenes of non violent offenses as well as excessive processing of the crime scene. The following table depicts the violent crime offenses reported from 2009 to 2011 and the Crime Scene Response Section time spent processing, documenting, reconstructing and revisiting the crime scene.

CY 2009-2011 Violent Crime Offenses Reported and Crime Scene Response Section Time Spent Processing, Documenting, Reconstructing and Revisiting Crime Scene						
Violent Crime Offenses	Violent Crime Offenses Reported			Average Time Spent to Process, Document, Reconstruct, and Revisit Crime Scene in Hours		
	2009	2010	2011	2009	2010	2011
Murder	5	3	6	130	78	156
Rape	29	40	91	232	320	728
Robbery	78	53	68	624	424	544
Aggravated Assault	191	260	332	3056	4160	5312
TOTAL	303	356	497	4042	4982	6740
Note: Duration to Process Crimes Scene for Murder: Average of 26 hours; Rape: Average of 8 hours; Robbery: Average of 8 hours; Aggravated Assault: Average of 16 hours						
FTEs to Process Crime Scene for Murder: 5 FTE < 2 victim and 5 - 8 FTE > 2; Rape: 2 FTE; Robbery: 2 FTE; Aggravated Assault: Average of 2 FTE						

The Drug Analysis Unit only has one Criminalist I with 7 years of experience processing forensic drug evidence; and is only able to analyze cases going to court or under active investigation. This is due in part to the Criminalist III that was overseeing the Drug Analysis Unit taking on additional Administrative Management duties for the forensic laboratory upon the death of its predecessor two years ago. Beginning in 2009, the Drug Analysis Unit has seen a 4% increase in the three year average backlog of drug cases from 393 to 407. Although, the Criminalist I takes 1-2 days to process evidence submitting to the laboratory and to provide the

results to the requesting agency. It takes the Drug Analysis Unit an average of 2 years to process confiscated drug evidence. The forensic laboratory would like an additional Criminalist I to process all confiscated drug evidence housed in the Evidence Control Section.

Forensic Science Division Forensic Science Section					
Year	Drug Analysis				
	Drug Cases Confiscated	Drug Cases Received	Drug Cases Analyzed (a)	Drug Cases Backlog Analyzed	Drug Cases Backlog
2008	456	60	107		349
2009	232	63	78		175
2010	765	332	292	66	473
2011	595	47	63	26	532
2012	290	69	72	16	218
Average Total	550.00	149.33	142.33	36.00	407.67

Backlog drug cases are calculated based on Drug Cases Confiscated less Drug Cases Analyzed. The prior year backlog drug cases are not added on to the following year.

Because of the 3 year statute of limitation for all crimes except homicide and CSC, backlog cases prior to 2007 will not be analyzed. There is no statute of limitation for homicide and CSC cases. The average total is calculated based on 2010 to 2012 data divided by 3.

Turnaround time: Submission to lab to analysis: 1-2 days, 2 weeks for multiple case submissions
Confiscation to Analysis: 2 years (Average)

Desired turnaround time: Confiscation to Analysis: 3 - 7 days

(a) In 2006 an additional criminalist was hired for Drug Analysis and was on training status until Aug 2006. Additional criminalist working full time processing current and backlog cases and the other criminalist working part time.

Project/Program Design and Implementation

Objectives and Action Plan

The objectives are 1.) to optimize the crimes scene response section workflow to increase efficiency through the implementation of a 3D Crime Scene Mapping System for the documentation and recordation of images and data from the crime scene for the Crime Scene Response Section; and 2.) to provide personnel and fringe benefits for one Criminalist I position in the Drug Analysis Unit to process the backlog of drug evidence.

Objective 1 – Optimize the Crime Scene Response Section workflow to Increase Efficiency and Quality of Documentation through the Implementation of a 3D Crime Scene Mapping System

The Crime Scene Response Sections require a great deal of manpower and time to gather and document the crime scene, most especially when it is a violent crime incident. The Guam Police Department will purchase a 3D Crime Scene Mapping System for the documentation and recordation of images and data from the crime scene for the Crime Scene Response Section. The 3D Crime Scene Mapping System will improve the crime scene investigators time in reconstructing the crime scene thus making crime scene reconstruction more accurate, reliable, and easier to explain to a jury. It will also allow investigators to revisit the crime scene in a virtual environment to view items that may have developed evidential value after further investigation. Thus, this state of the art technology equipment will reduce the manpower and time spent documenting the crime scene, and increase its capacity to respond to other non violent crime scene in a timely manner.

Objective 2 – Reduce the backlog in the Drug Analysis Unit by providing for personnel and fringe benefits for a Criminalist I

The Drug Analysis Unit has one Criminalist I with 7 years of experience processing current and backlog forensic drug cases. The Drug Unit has seen a 4% increase in its backlog from 398 to 407. This is due in part to the senior Criminalist III being reassigned to perform Administrative Management responsibilities. In light of this and the increase in the backlog of drug cases, a Criminalist I position is of critical importance to ensure the processing of backlog controlled substances evidence in the Drug Analysis Unit. This Criminalist I will assist the senior Criminalist I in conducting analysis of controlled substances of backlog forensic drug cases.

Benefits and Conclusions

The expected benefits and outcomes are: 1.) Increased capability and efficiency of the crime scene response section services by reducing the crime scene investigators time spent in screening the crime scene and to optimize crime scene investigators workflow processes by providing for a 3D crime scene mapping system. 2.) Increased capability of the Drug Analysis Unit to reduce their backlog by providing for Criminalist I salary and fringe benefits.

The program evaluation criteria will consist of the successful implementation of the 3D crime scene mapping system for documenting and recording the evidence from the crime scene for reconstruction in a virtual environment back at the forensic laboratory; and the successful implementation of the Criminalist I. The program outcomes and effectiveness of the project will be based on the efficiencies that the Forensic Science Division will experience with the implementation of the 3D crime scene mapping system and Criminalist I. The anticipated outcome of this program is the increased forensic quality and timeline of the processed crime scene and reduction in the backlog of forensic drug cases.

Collection of Performance Measures Data

In addition to the NIJ defined performance measures, several other performance measures including the total turn-around time and the analytical turn-around time will be monitored. Total turn-around time is the number of days between the submissions of a request to the laboratory to the reporting of the results to the requesting agency. The analytical turn-around time is the number of days from when the analyst begins the analysis of the evidence to the reporting of the results to the requesting agency. The change in turnaround time will be calculated every three months and compared this to the initial turn-around time at the beginning of the grant period.

The change in the number of backlogged cases will be evaluated every three months. This data is available and tracked in the laboratory log books.

The Bureau of Statistics and Plans developed a data table that encompasses the services provided by the Crime Scene Response Section and the services provided by the Forensic Science Section Drug Analysis Unit within the forensic laboratory. The data table along with the GPRA Coverdell Performance Measures will be provided to the Guam Police Department Forensic Science Division Criminalist III in the Drug Analysis Section at the start date of the project. The Criminalist III is task with coordinating the collection of the data from each Unit within the Forensic Laboratory on a monthly basis. The Criminalist III will compile the data monthly, analyze the data quarterly and submit it to the Bureau fifteen days after the end of the calendar year quarter along with the quarterly progress report. The Criminalist III will ensure the data is accurate, auditable, and correctly measure the impact of the Federal funds provided. The data will be available for review 3 years after the grant has closed with the Bureau of Statistics and Plans, the State Administering Agency.

Capabilities/Competencies

The Guam Police Department has been a recipient of federal funds as a direct recipient and as a sub grantee since the early 1990s; and the Guam Police Department Forensic Science Division has been a recipient of federal funds as a sub grantee since 2007. The Criminalist III in the Drug Analysis Section is the overall project director and is responsible for the administration of the subgrant funds, the implementation of the project and to ensure the timely submission of programmatic reports to the Bureau of Statistics and Plans, the State Administrative Agency of the Coverdell Program. The Guam Police Department Administrative Services Officer is

responsible for ensuring the quarterly financial reports are prepared and submitted 45 days after the quarter ends to the Bureau of Statistics and Plans.

Upon the establishment and receipt of the grant award, the Guam Police Department's Forensic Science Division Criminalist III, Administrative Services Officer (ASO), Management Information System (MIS) section, and Department of Administration General Services Agency (DOA-GSA) will collaborate to prepare for the purchase of the 3D Crime scene mapping system; and the Administrative Services Officer (ASO), Bureau of Budget and Management Research Agency (BBMR), and Department of Administration Human Resource Division (DOA-HR) will collaborate on the recruitment of the Criminalist I. The following processes will occur for the purchase of the 3D Crime scene mapping system and the Criminalist I recruitment:

- The Criminalist III will prepare the 3D Crime scene mapping system bid specification for submission to the ASO.
- The ASO will encumber funds for the 3D Crime scene mapping system bid and bid advertisement; and prepare the GG1 recruitment for the Chief of Police signature for submission to BBMR for financial clearance.
- The DOA-GSA will process the bid advertisement and the bid specification for the 3D Crime scene mapping system; and procure the equipment through sealed bids and select equipment based on lowest cost and most responsive.
- The Criminalist III, ASO, and MIS will be responsible for implementation of equipment.

The 3D Crime scene mapping system will be installed and operational 6 months after the grant has been subgranted to the Guam Police Department; and the Criminalist I will be hired 6 months after the grant has been subgranted to the Guam Police Department

The following timeline is submitted to represent the proposed implementation of program activities. Actual realized implementation may vary slightly due to the establishment of the account and the additional time required in the competitive bidding process and recruitment.

Program Implementation Timeline

MONTH	ACTIVITIES
January – March 2014	<ul style="list-style-type: none"> ▪ Grant subgranted to the Guam Police Department. ▪ Criminalist III with assistance from ASO and MIS will prepare the Invitation for Bids for the 3D crime scene mapping system; and the ASO will encumber the funds for the bid advertisement. ▪ DOA-GSA will process the bid advertisement and bid specification. ▪ ASO will prepare the GG1 recruitment for the Criminalist I; Chief of Police will sign GG1 recruitment; and BBMR will clear GG1 recruitment. ▪ DOA-HR will process recruitment GG1
April – June 2014	<ul style="list-style-type: none"> ▪ DOA-HR will prepare and announce Criminalist I position, Review and Rate Application, Prepare and Submit Eligibility List to GPD for Interviews. ▪ GPD will form interview committee and conduct interviews. Selection made and background check conducted on Criminalist. ▪ DOA-GSA announces bid advertisement (2 weeks). After 2 weeks sealed bids are reviewed and based on lowest cost and most responsive, vendor will be awarded. ▪ Criminalist III, ASO, and MIS will be responsible for coordinating receipt

MONTH	ACTIVITIES
	<p>and delivery of equipment.</p> <ul style="list-style-type: none"> ▪ Criminalist III compiles data and prepares quarter progress report; and ASO prepares quarter financial report.
<p>July – September 2014</p>	<ul style="list-style-type: none"> ▪ The Guam Police Department FSD personnel will be trained on the operational use of the 3D crime mapping equipment. ▪ Crime Scene Response Section will develop and implement Standard Operating Procedures on operational use of 3D crime mapping equipment. ▪ New Criminalist I will undergo training with the senior Criminalist I. ▪ Criminalist III compiles data and prepares quarter progress report; and ASO prepares quarter financial report.
<p>October – December 2014</p>	<ul style="list-style-type: none"> ▪ Crime Scene Response Section is utilizing the 3D crime scene mapping system at crime scenes. ▪ New Criminalist I is processing backlog drug cases. ▪ Process grant project for closure, prepare final financial and close out narrative reports, prepare and submit the grant program evaluation and effectiveness report.

FY 2013 Paul Coverdell External Investigations Certifications

FY 2013 Coverdell Forensic Science Improvements 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 that will receive a portion of the grant amount.

Prior to receiving funds, the applicant agency (that is, the agency receiving the funds under this grant) 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 form the basis for the certification. Please use the template below to provide this 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 2013 Coverdell program.

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

GUAM BUREAU OF STATISTICS AND PLANS

Date: APR 29 2013

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	Existing government entity (or entities) with an appropriate process in place to conduct independent external investigations
1. Guam Police Department Forensic Science Laboratory	Internal Affairs Units, Guam Police Department
2.	

FY 2013 Paul Coverdell Budget Detail Worksheet & Budget Narrative - Base Funds

**Base Funds Budget Detail Worksheet and Budget Narrative and Budget Summary
 FY 2013 Paul Coverdell Forensic Science Improvement Grant Program
 October 1, 2013 to September 30, 2014**

Base Grant

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.

<u>Position</u>	<u>Computation</u>	<u>Cost</u>
TOTAL PERSONNEL		\$0.00

B. Fringe Benefits--Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed 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.

TOTAL FRINGE BENEFITS		\$0.00
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C. Travel-- Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meetings, etc. Show the basis of computation (e.g., six people 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 unit cost involved. Identify the location of travel, if known. Indicate source of Travel Policies applied, Applicant or Federal Travel Regulations.

<u>Purpose of Travel</u>	<u>Item</u>	<u>Computation</u>	<u>Cost</u>
TOTAL TRAVEL			\$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.

<u>Item</u>	<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
TOTAL EQUIPMENT			\$0.00

E.-Supplies--List items by type (office supplies, postage, training materials, copying paper, and other expendable items such as books, hand held tape recorders) and show the basis for computation. Generally, supplies include any materials that are expendable or consumed during the course of the project.

<u>Administrative Cost Supply Items</u>	<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
Copier Paper	\$45.00	5	\$225.00
File Folder	\$75.00	1	\$75.00
1" View Binder	\$3.50	2	\$7.00
Small clips	\$5.00	2	\$10.00
Standard Staples 5000 per box	\$1.00	2	\$2.00
Pens 10 per box	\$10.25	2	\$20.50
Sub Total Office Supplies (Administrative Cost)			\$339.50

<u>Forensic Supply Items</u>	<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
Nitrile Gloves	\$65.00	9	\$585.00
Whatman Blood Stain Card 100 per pack	\$400.00	2	\$800.00
Transparent Fingerprint Lifting Tape (30ft x 2" x 360)	\$11.00	120	\$1,320.00
Sirchmark evidence tape	\$14.50	10	\$145.00
Latent Print Cards 5000 per pack	\$165.00	1	\$165.00
Sub Total Forensic Supplies			\$3,015.00
TOTAL OFFICE SUPPLIES			\$3,354.50

Budget Narrative: The State Administrative Agency will use the administrative cost to purchase the necessary office supplies to be used towards the general administration of the program.

The forensic supplies are for the Crime Scene Unit and will be used to process the collection and preservation of evidence recovered at crime scene.

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

<u>Purpose</u>	<u>Description of Work</u>	<u>Cost</u>
<i>Not Applicable (N/A)</i>		
TOTAL CONSTRUCTION		\$0.00

G. Consultants/Contracts-- Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisitions

Consultant Fee: 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.

<u>Name of Consultant</u>	<u>Service Provided</u>	<u>Computation</u>	<u>Cost</u>
Consultant Expenses			Sub Total Consultant Fee \$0.00
<u>Item</u>	<u>Location</u>	<u>Computation</u>	<u>Cost</u>
Sub Total Consultant Expenses			\$0.00
<u>Contracts</u>	<u>Item</u>		<u>Cost</u>
Sub Total Contracts			\$0.00
TOTAL CONSULTANTS/CONTRACTS			\$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 rent, and provide a monthly rental cost and how many months to rent.

Forensic Supply Items	Computation	Unit	Cost
Transparent Fingerprint Lifting Tape Shipping and Handling	40.5	1	\$40.50
Sub Total Shipping and Handling			\$40.50
TOTAL OTHER COSTS			\$40.50

Budget Narrative: Other cost include the shipping and handling for the transparent fingerprint lifting tape to be used for the processing of the collection and preservation of evidence recovered at crime scene.

I. Indirect Cost--Indirect costs are allowed only if the applicant has 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.

Not Applicable (N/A)

TOTAL INDIRECT COST	\$0.00
TOTAL BASE FUNDS	\$3,395.00

FY 2013 PAUL COVERDELL BASE BUDGET SUMMARY

<u>Budget Category</u>	<u>Amount</u>
A. Personnel	\$0.00
B. Fringe Benefits	\$0.00
C. Travel	\$0.00
D. Equipment	\$0.00
E. Supplies	\$3,354.50
F. Construction	\$0.00
G. Consultants/Contracts	\$0.00
H. Other	\$40.50
I. Indirect Cost	\$0.00
TOTAL	\$3,395.00

FY 2013 Paul Coverdell Budget Detail Worksheet & Budget Narrative - Competitive Funds

**Base Funds Budget Detail Worksheet and Budget Narrative and Budget Summary
 FY 2013 Paul Coverdell Forensic Science Improvement Grant Program
 October 1, 2013 to September 30, 2014
 Competitive Funds**

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.

<u>Position</u>	<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
Criminalist I Salary	\$11.24 per hour x 2080	100%	\$24,648.00
Criminalist I Hazard Pay	\$24,656	4%	\$986.00
TOTAL PERSONNEL			\$25,634.00

Budget Narrative: The Criminalist 1 will be responsible for processing the backlog of forensic drug cases. The Criminalist I will work a total of 2080 hours at an hourly rate of \$11.24 over the life cycle of the grant program.

B. Fringe Benefits--Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed 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.

<u>Position</u>	<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
Criminalist I Retirement	\$24,656.00	30.09%	\$7,419.00
Criminalist I Medical	\$4,036.00	1	\$4,036.00
Criminalist I Dental	\$196.00	1	\$196.00
Criminalist I Medicare	\$24,656.00	1.45%	\$358.00
Criminalist I Life	\$174.00	1	\$174.00
TOTAL FRINGE BENEFITS			\$12,183.00
TOTAL PERSONNEL AND FRINGE BENEFITS			\$37,817.00

Budget Narrative: The Criminalist 1 will be responsible for processing the backlog of forensic drug cases. The benefits budget include the following retirement (\$7419), medical (\$4036), dental (\$196), medicare (\$358), life (\$174), and hazard pay (\$24,656 x 4% = \$986) over the life cycle of the grant program.

C. Travel-- Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meetings, etc. Show the basis of computation (e.g., six people 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 unit cost involved. Identify the location of travel, if known. Indicate source of Travel Policies applied, Applicant or Federal Travel Regulations.

<u>Purpose of Travel</u>	<u>Item</u>	<u>Computation</u>	<u>Cost</u>
TOTAL TRAVEL			\$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.

<u>Item</u>	<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
Leica ScanStation C10 High Definition Surveying (HDS) Scanning System with accessories, cyclone scan, register, model, publisher modules, on site training, maintenance on software and firmware and hardware warranty	\$135,383.00	1	\$135,383.00
TOTAL EQUIPMENT			\$135,383.00

Budget Narrative: A Leica ScanStation C10 HDS Scanning System that will be purchased that will include accessories, cyclone scan, register, model, publisher modules, on site training, maintenance on software and firmware and hardware warranty to capture the crime scene very quickly with accuracy, reliability and in 3D. This equipment will reduce the manpower and time spend documenting and restructuring the crime scene ands increase the Crime Scene Response Section capacity to respond to other crime scene in a timely manner.

E.-Supplies--List items by type (office supplies, postage, training materials, copying paper, and other expendable items such as books, hand held tape recorders) and show the basis for computation. Generally, supplies include any materials that are expendable or consumed during the course of the project.

<u>Supply Items</u>	<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
	Sub Total Office Supplies (Administrative Cost)		\$0.00
TOTAL OFFICE SUPPLIES			\$0.00

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

<u>Purpose</u>	<u>Description of Work</u>	<u>Cost</u>
<i>Not Applicable (N/A)</i>		
TOTAL CONSTRUCTION		\$0.00

G. Consultants/Contracts-- Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisitions

Consultant Fee: 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.

<u>Name of Consultant</u>	<u>Service Provided</u>	<u>Computation</u>	<u>Cost</u>	
Consultant Expenses		Sub Total Consultant Fee	\$0.00	
<u>Item</u>	<u>Location</u>	<u>Computation</u>	<u>Cost</u>	
		Sub Total Consultant Expenses	\$0.00	
Contracts		<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
		Sub Total Contracts		\$0.00
TOTAL CONSULTANTS/CONTRACTS			\$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 rent, and provide a monthly rental cost and how many months to rent.

<u>Description</u>	<u>Computation</u>	<u>Unit</u>	<u>Cost</u>
Bid Advertisement for Leica ScanStation C10 High Definition Surveying (HDS) Scanning System	\$300.00	1	\$300.00
Leica ScanStation C10 High Definition Surveying (HDS) Scanning System Shipping and Handling	\$1,500.00	1	\$1,500.00
Sub Total Shipping and Handling			\$1,800.00
TOTAL OTHER COSTS			\$1,800.00

Budget Narrative: The bid advertisement for Leica ScanStation C10 High Definition Surveying (HDS) Scanning System is necessary as the estimated cost of the requested item is over \$15,000 and the item will need to bid out.

The shipping and handling is for Leica ScanStation C10 High Definition Surveying (HDS) Scanning System. The item will be delivered door to door in two crates.

I. Indirect Cost--Indirect costs are allowed only if the applicant has 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.

Not Applicable (N/A)

TOTAL INDIRECT COST	\$0.00
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TOTAL COMPETITIVE FUNDS	\$175,000.00
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FY 2013 PAUL COVERDELL COMPETITIVE BUDGET SUMMARY

<u>Budget Category</u>	<u>Amount</u>
A. Personnel	\$25,634.00
B. Fringe Benefits	\$12,183.00
C. Travel	\$0.00
D. Equipment	\$135,383.00
E. Supplies	\$0.00
F. Construction	\$0.00
G. Consultants/Contracts	\$0.00
H. Other	\$1,800.00
I. Indirect Cost	\$0.00
TOTAL	\$175,000.00

FY 2013 Coverdell Budget Narrative – Base Funds

State Administrative Agency Cost

Supplies:

Office Supplies The State Administrative Agency will use the administrative cost to purchase the necessary office supplies to be used towards the general administration of the program. The supplies include the following: 5 cases of copier paper, 1 box of file folder, 2 1” view binder, 2 boxes of small clips, 2 boxes of standard staples, and 2 boxes of pens. Estimated Office Supplies Cost: \$339.50.

Subrecipient Cost

Supplies:

Crime Scene Supplies for Crime Scene Response Section. The forensic supplies are for the Crime Scene Unit and will be used to process the collection and preservation of evidence recovered at crime scene. The supplies include the following: 9 cases of nitrile gloves (9 x \$65), 2 boxes of whatman bloodstain card (2 x \$400), 120 transparent fingerprint lifting tape (120 x \$11), 10 sirschmark evidence tape (10 x \$14.50), and 1 pack of latent print cards - 5000 per pack (1 x \$165) Estimated Purchase Cost: \$3,015.00.

Other Costs:

Transparent Fingerprint Lifting Tape Shipping and Handling. Other cost include the shipping and handling for the transparent fingerprint lifting tape to be used for the processing of the collection and preservation of evidence recovered at crime scene. Estimated Shipping and Handling Cost: \$40.50.

FY 2013 Coverdell Budget Narrative – Competitive Funds

Subrecipient Cost

Personnel:

Criminalist I. The Criminalist I will be assigned to the Drug Analysis Unit and will be responsible for processing the backlog drug cases. Based on an hourly rate of \$11.24 and an estimated expenditure of 2080 hours of an 8 hour work day, and hazard pay based on 4% of the annual salary of \$24,656 over the life cycle of the grant program. Total Salary for Criminalist I: \$25,634.24

Fringe Benefits:

Criminalist I. The Criminalist I will be assigned to the Drug Analysis Unit and will be responsible for processing the backlog drug cases. Based on the retirement, medical, dental, Medicare and life unit cost and an estimated expenditure of \$12,182.50 over the life cycle of the grant program. Total Benefits for Criminalist I: \$12,182.50.

Equipment:

Leica ScanStation C10 High Definition Surveying (HDS) Scanning System with accessories, cyclone scan, register, model, publisher modules, on site training, software maintenance and firmware and hardware warranty. The Leica ScanStation C10 HDS Scanning System is a panoramic camera and a 3D laser scanner combined into one unit that can quickly digitizes a crime scene in 3D which results in an accurate 3D representation of the crime scene in 3D from which any measurement can be made, even long before the crime scene is released. The Leica ScanStation C10 HDS Scanning System will reduce the Crime Scene Response Section time processing and documenting the crime scene. Estimated Purchase Cost: \$136,000.

Other Costs:

Bid Advertisement for Leica ScanStation C10 High Definition Surveying Scanning System.

This is necessary as the estimated cost for the equipment is over \$15,000, and the Government of Guam procurement rules and regulations requires a sealed bid. Estimated Cost for Bid Advertisement: \$300.

FY 2013 Coverdell Statutory Certifications

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

FY 2013 Coverdell Forensic Science Improvement Grants Program

Certification as to Plan for Forensic Science Laboratories—
Application from a State (Guam)

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 State 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 in the State, including such services provided by the laboratories operated by the State and those operated by units of local government within the State.

I acknowledge that a false statement in this certification or in the grant application that it supports may be subject to criminal prosecution, including under 18 U.S.C. § 1001 and 42 U.S.C. § 3795a. I also acknowledge that Office of Justice Program grants, including certifications provided in connections 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).



Signature of Certifying Official

LORILEE T. CRISOSTOMO

Printed Name of Certifying Official

DIRECTOR

Title of Certifying Official

GUAM BUREAU OF STATISTICS AND PLANS - GUAM

Name of Recipient Applicant Agency
(Including Name of State)

APR 29 2013

Date

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

FY 2013 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 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 subject to criminal prosecution, including under 18 U.S.C. § 1001 and 42 U.S.C. § 3795a. I also acknowledge that Office of Justice Program grants, including certifications provided in connections 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).



Signature of Certifying Official

LORILEE T. CRISOSTOMO

Printed Name of Certifying Official

DIRECTOR

Title of Certifying Official

GUAM BUREAU OF STATISTICS AND PLANS - GUAM

Name of Recipient Applicant Agency
(Including Name of State)

APR 29 2013

Date

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

FY 2013 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 2012 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 subject to criminal prosecution, including under 18 U.S.C. § 1001 and 42 U.S.C. § 3795a. I also acknowledge that Office of Justice Program grants, including certifications provided in connections 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).



Signature of Certifying Official

LORILEE T. CRISOSTOMO

Printed Name of Certifying Official

DIRECTOR

Title of Certifying Official

GUAM BUREAU OF STATISTICS AND PLANS - GUAM

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U.S. DEPARTMENT OF JUSTICE
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FY 2013 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 2013 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 subject to criminal prosecution, including under 18 U.S.C. § 1001 and 42 U.S.C. § 3795a. I also acknowledge that Office of Justice Program 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).



Signature of Certifying Official

LORILEE T. CRISOSTOMO

Printed Name of Certifying Official

DIRECTOR

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FY 2013 Coverdell Forensic Science Improvement Grants Program

Referrals in Connection with Allegations of Serious Negligence or Serious Misconduct

The highest standards of integrity in the practice of forensic science are critical to the enhancement of the administration of justice. We assume that recipients (and Recipients) 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 entities identified in the grant application.

For each fiscal year of an award, the Guam Police Department agrees to report the following to the Bureau of Statistics and Plans on an annual basis:

1. the number and nature of any allegations of serious negligence or misconduct substantially affecting the integrity of forensic results;
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.

The Bureau of Statistics and Plans will ensure the information is reported to NIJ on an annual basis. The Guam Police Department is aware that failure to submit the information to the Bureau of Statistics and Plans will result in the National Institute of Justice withholding payments to Guam and any future awards if the required information is not submitted on a timely basis.

The highest standards of integrity in the practice of forensic science are critical to the enhancement of the administration of justice. We assume that recipients (and Recipients) 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 entities identified in the grant application.



Signature of Certifying Official

LORILEE T. CRISOSTOMO

Printed Name of Certifying Official

DIRECTOR

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FY 2013 Coverdell Forensic Science Improvement Grants Program

Certification as to Applicant Disclosure of Pending Applications

Guam Bureau of Statistics and Plans 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 FY 2013 Paul Coverdell Forensic Science Improvement Grant Program solicitation and will cover the identical cost items outlined in the budget narrative and worksheet in the application under this solicitation.

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).



Signature of Certifying Official

LORILEE T. CRISOSTOMO

Printed Name of Certifying Official

DIRECTOR

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