

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: March 13, 2007 ☒ Consent ☐ Regular
 ☐ Ordinance ☐ Public Hearing

Department:

Submitted By: Palm Beach County Sheriff's Office

Submitted For: Palm Beach County Sheriff's Office

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: (A) the Florida Department of Law Enforcement's Florida Consortium "2006 Paul Coverdell National Forensic Sciences Improvement Grant" in the amount of \$39,560 for the period of October 1, 2006 through September 30, 2007; and (B) a budget amendment of \$39,560 in the Sheriff's Grants Fund.

Summary: The National Institute of Justice (NIJ) has awarded the Florida Department of Law Enforcement (FDLE) for the "Paul Coverdell National Forensic Sciences Improvement Act". The PBSO was awarded \$39,560 and will be used to improve the quality of forensic services. This grant will be used for training 20 staff members in expert witness court testimony techniques, and training 20 managers and staff in documentation. This grant will also be used to purchase document management software. There is no grant match required, nor are any County funds required in FY 2007. Countywide (DW)

Background and Policy Issues: FDLE's network of crime laboratories in partnership with the five county laboratories (Miami-Dade, Broward, Palm Beach, Pinellas and Indian River) and the Medical Examiner's Offices through the auspices of the Medical Examiner's Commission (MEC) have identified needs, which will enhance their facilities that will increase their productivity by decreasing turnaround times. Each laboratory or office has identified its specific needs with the overall goal of lower turnaround times in each laboratory. Because of the differences in services offered and service area, the needs of each of the laboratories are different. The technical services division of the Palm Beach County Sheriff's Office presented a proposal to NIJ entitled "2006 Paul Coverdell National Forensic Sciences Improvement Grant". The Catalog of Federal Domestic Assistance (CFDA) number is 16.742 and the grant number is 2006-DN-BX-0041.

Attachments:

1. Award Letter
2. Application
3. Budget Amendment

RECOMMENDED BY: _____

DEPARTMENT DIRECTOR

DATE

2/13/07

APPROVED BY: _____

ASST. COUNTY ADMINISTRATOR

DATE

3/5/07

II. FISCAL IMPACT ANALYSIS

A. **Five Year Summary of Fiscal Impact:**

Fiscal Years	2007	2008	2009	2010	2011	2012
Capital Expenditures						
Operating Costs	39,560					
External Revenues	39,560					
Program Income (County)						
In-Kind Match (County)						

Net Fiscal Impact

Additional FTE
Positions (Cumulative)

Is Item Included in Current Budget: YES _____ NO X

Budget Account No.: Fund _____ Agency _____ Org _____ Object _____

Reporting Category _____

B. **Recommended Sources of Funds / Summary of Fiscal Impact:**

The Paul Coverdell grant is funded through the Florida Department of Law Enforcement. No County funds are required in FY 2007.

Paul Coverdell grant	\$39,560
Total	\$39,560

III. REVIEW COMMENTS

A. **OFMB Fiscal and/or Contract Administration Comments:**

2/27/07 2-27-07
OFMB
2/20/07 CN
2/15/07

2/28/07
Contract Administration
2/28/07

B. **Legal Sufficiency:**

2/28/07
Assistant County Attorney

C. **Other Department Review:**

Department Director

This summary is not to be used as a basis for payment.

07-

0600

BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA
BUDGET AMENDMENT

Page 1 of 1 pages

FUND 1152 SHERIFF'S GRANTS FUND

BGEX 420 022007*1067
BGRV 420 022007*296

Use this form to provide budget for items not anticipated in the budget.

ACCT.NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF	REMAINING BALANCE
Revenues								
Paul Coverdell 0041 160-2091-3129	Federal Grant - Other Public Safety	0	0	39,560	0	39,560		
<u>TOTAL FUND REVENUES</u>		<u>\$36,270</u>	<u>\$2,108,003</u>	<u>\$39,560</u>	<u>\$0</u>	<u>\$2,147,563</u>		
Expenditures								
Paul Coverdell 0041 160-2091-9498	Transfer to Sheriff Fund 1902	0	0	39,560	0	39,560	0	39,560
<u>TOTAL EXPENDITURES</u>		<u>\$36,270</u>	<u>\$2,108,003</u>	<u>\$39,560</u>	<u>\$0</u>	<u>\$2,147,563</u>		

Palm Beach County Sheriff's Office

INITIATING DEPARTMENT/DIVISION

Administration/Budget Department Approval

OFMB Department - Posted

Signatures

Date

By Board of County Commissioners
At Meeting of March 13, 2007

Deputy Clerk to the Board
of County Commissioners

atw
2-20-07



Florida Department of
Law Enforcement

Gerald M. Bailey
Commissioner

Criminal Investigations
and Forensic Science Program
Post Office Box 1489
Tallahassee, Florida 32302-1489
(850) 410-8300
www.fdle.state.fl.us

Charlie Crist, Governor
Bill McCollum, Attorney General
Alex Sink, Chief Financial Officer
Charles H. Bronson, Commissioner of Agriculture

January 3, 2007

Mr. Benjamin Perillo, Director
Palm Beach County Sheriff's Office Crime Laboratory
3228 Gun Club Road
West Palm Beach, Florida 33406

Dear Mr. Perillo:

We are pleased to inform you that the grant application entitled "2006 Paul Coverdell Forensic Sciences Improvement Grant" number 2006-DN-BX-0041" has been approved by the National Institute of Justice in the amount of \$606,747.00.

Palm Beach County Sheriff's Office's portion of this grant is \$39,559.48. Enclosed you will find a copy of NIJ's award notification; a copy of the submitted grant; your expenditure list; and the reimbursement forms. Reimbursement requests for this grant may be submitted on a monthly basis. Please return the reimbursement forms and support documentation to Patricia Kent, Government Analyst I, Florida Department of Law Enforcement, Investigations and Forensic Science Program, Office of Policy and Planning, 2331 Phillips Road, Room A3013-A, Tallahassee, Florida 32308.

If you have any questions pertaining to this award, please contact Patricia Kent at (850) 410-8339 or by email patriciakent@fdle.state.fl.us.

Sincerely,

Gerald M. Bailey
Commissioner



Barry C. Funck
Forensic Services Director

BCK/pk

Enclosures

Paul Coverdell Forensic Science Improvement Grant
Program (FY 2006)
TABLE OF CONTENTS

1. Proposal Abstract
 - a) Project Goals and Objectives
 - b) Project Design
2. Program Narrative

PROPOSAL ABSTRACT

Project Goals and Objectives

With a continued increase of visitors and residents in Florida, crime increases and continues to place a burden on the crime laboratories in the state. Although the backlog and turnaround times have not been reduced as expected, the funding of the previous Paul Coverdell Formula Grants, has prevented the turnaround times and backlog from becoming much worse. The instrumentation, supplies and equipment requested will be used to provide more efficient processing of evidence and thus decrease the time needed to work the cases.

Goals of this project are to:

1. Continue to reduce analysis time for cases submitted to state and county crime laboratories.
2. Continue to increase Florida's analysis production capability and capacity in all areas of the crime laboratories.

Project Design

FDLE's network of crime laboratories in partnership with the five county laboratories (Miami-Dade, Broward, Palm Beach, Pinellas and Indian River) and the Medical Examiner's Offices through the auspices of the Medical Examiner's Commission (MEC) have identified needs, which will enhance their facilities that will increase their productivity by decreasing turnaround times. Each laboratory or office has identified its specific needs with the overall goal of lower turnaround times in each laboratory. Because of differences in services offered and service area, the needs of the laboratories are different.

Representatives from the participating crime laboratories and the Medical Examiner's Commission have agreed on the funding allocation for the state. Participating laboratories and offices identified the need for overtime funds, travel funds, automation equipment, additional laboratory equipment, supplies and contracting fee funds to assist in the process of increasing the efficiency and capacity for forensic analysis in the laboratories and to reduce the present turnaround times in each forensic discipline.

PROGRAM NARRATIVE

The state and local crime laboratories and the Medical Examiner's Offices in Florida have had a long history of cooperation. Florida Statute creates a statewide Criminal Analysis Laboratory System consisting of the FDLE crime laboratories and local laboratories in Miami-Dade, Broward, Palm Beach, Indian River and Pinellas counties.

In addition to the formalized relationship of the FAC and the MEC, the crime laboratories and Medical Examiner's Offices in Florida have always maintained a cooperative working relationship. The goal of all of these forensic communities is to give the highest quality and most timely forensic service to the law enforcement community and the citizens of Florida. Forensic disciplines not provided at the local level are done at FDLE laboratories. When there is a backlog of cases at local laboratories, FDLE has stepped in to help alleviate the backlog situation.

Forensic laboratories regularly work with Medical Examiners in a variety of venues. The two entities interact in the examination of shared cases. Also, the forensic laboratories take part in Medical Examiners meetings to hear and voice concerns and to share information.

Members of the FAC, along with the Chair of the Medical Examiner's Commission, discussed the grant application. There was a unanimous agreement that funds from this solicitation would continue to be allocated based on the population served. It was decided that each office or laboratory participating would evaluate its own needs and determine where the funds can be used to target certain sections.

The following chart shows the distribution totals for each state laboratory and Medical Examiner's Offices:

	Population	% of Total	\$ Amount
FDLE	9865409	0.60	\$ 334,981.97
Miami-Dade	2289683	0.14	\$ 77,746.65
Broward	1668560	0.10	\$ 56,656.29
Palm Beach	1165049	0.07	\$ 39,559.48
Pinellas	924610	0.06	\$ 31,395.32
19th Circuit	483204	0.03	\$ 16,407.29
District 6	n/a	n/a	\$ 10,000.00
District 9	n/a	n/a	\$ 9,855.00
District 11	n/a	n/a	\$ 20,145.00
District 13	n/a	n/a	\$ 10,000.00
Total	16396515	1.00	\$ 606,747.00

The **Broward County Sheriff's Office Crime Laboratory** will use the Grant to cover 4 areas.

The first is to update the Polymer Library for the Trace Unit to enable them to better assist in the investigations submitted to the laboratory. The second is to upgrade the equipment currently being used by the Crime Scene Unit. The third is to ensure that the Laboratory continues to meet the high quality and laboratory accreditation standards mandated by new ISO 17025 by setting up training for all laboratory personnel. Lastly, the DNA Unit has continued to expand and incorporated new technologies. Additional equipment is required to ensure that quality is maintained.

The **Miami-Dade Police Department Crime Laboratory Bureau (MDPD CLB)** provides a full range of scientific and technical services to federal, state and 35 municipal law enforcement agencies within Miami-Dade County, Florida. The CLB serves approximately 2.3 million permanent residents with a staff of over 68 scientific, administrative and support personnel. The MDPD CLB is requesting funding for the general improvement of the Analytical Section and the Forensic Identification Section.

The Analytical Section of the MDPD CLB is responsible for the analysis and identification of controlled substances and trace materials. Funding is requested to replace an instrument that is currently used for the analysis of glass evidence. The equipment being requested will support current analysis procedures, documentation and reporting of case results.

The Forensic Identification Section of the MDPD CLB is requesting funding to replace stereomicroscopes that are utilized for the examination, documentation and reporting of findings of violent crime related firearms and ballistic evidence.

The acquisition of this equipment will enable the Analytical and Forensic Identification Sections to analyze evidence in a timely, efficient, and accurate manner and to better serve the citizens of Miami-Dade County and the State of Florida.

The **Palm Beach County Sheriff's Office** Technical Services Division is ASCLD/LAB accredited and provides scientific, technical, investigative and training services to federal, state and municipal law enforcement agencies within Palm Beach County, Florida. The Division serves approximately 1.3 million permanent residents through the examination of approximately 20,000 cases per year utilizing a staff of 25 scientific, 44 technical and 6 administrative personnel. The Palm Beach County Sheriff's Office Technical Services Division is requesting grant monies associated with the Paul Coverdell Forensic Science Improvement Program FY 2006 to improve the quality of forensic services through:

1. Training 20 staff members in expert witness court testimony techniques.
2. Training 20 managers and staff in the ISO 17025:2005 standards and supplemental documentation.
3. For the purchase of document management software.

Acquiring temporary clerical staff to prepare electronic documentation. Scientific findings are worthless unless they can convey the significance of the results in a competent, professional and understandable manner. The workshop will discuss qualifications as an expert witness and how to project scientific or technical expertise to the jury. The workshop will address the attorney's goals and methods for direct examination of the expert as well as prepare the witness to withstand the rigors of cross-examination. This workshop is valuable whether the student is a seasoned expert or a neophyte. Lectures by an experienced attorney will address topics such as the admissibility of scientific evidence, jurors' perceptions of expert testimony, discovery,

ethical responsibilities of the expert and attorney, qualifications, communication techniques, appearance and demeanor and direct and cross-examination. A videotaping lab is included during which the witness will undergo direct and cross-examination followed by a critique. Two sessions will be contracted; both will be 2 ½ days long and occur on-site at the Palm Beach County Sheriff's Office. The Technical Services Division will transition its' accreditation from the ASCLD/LAB Legacy program to the ISO 17025:2005 program. In order to accomplish this the managers and staff must be trained in this document and any supplemental documentation provided by the accrediting body. Training will be provided on-site by individuals schooled in the ISO standards and will provide mentoring to the managers in establishing uncertainty of measurement and writing procedures manuals.

Part of the ISO standards include document management and control to this end document management software will be obtained and part-time clerical help will be contracted to convert documentation to an electronic format utilizing the document management software.

Plan of action: Contract with an experienced educator to provide two workshop sessions each two and a half days long for up to 20 staff members in court testimony, expert witness techniques.

Contract with an experienced ISO assessment / trainer to provide training for approximately 20 managers and staff in ISO 17025:2005 standards and supplemental documentation including assistance in preparing manuals and establishing measurement uncertainty.

Contract for part-time clerical assistance in preparing ISO accreditation documentation utilizing the document management software.

All grant funds will be expended by the end of the grant period.

A needs assessment has been performed, requirements specified and costs obtained for training in court testimony techniques, training in ISO 17025:2005 standards, document management software and part-time clerical help.

Through the implementation and use of these requests the following is anticipated:

1. Provide up to 20 staff members with educated and uniform training in court testimony techniques by increasing the knowledge and quality of their expertise.
2. Educate up to 20 managers and staff in the transition to ISO 17025:2005 accreditation standards for an efficient and uniform quality assurance program.
3. Establish electronic documentation as a basis for the ISO program for the Palm Beach County Sheriff's Office Technical Services Division.

The **Pinellas County Forensic Laboratory (PCFL)** requests NFSIA grant funding in the sum of \$31,395.32 for equipment to increase efficiency and productivity in the forensic laboratory.

This agency is ASCLD-LAB accredited in the disciplines of controlled substances analyses and trace analysis (fire debris) and is preparing for accreditation for the recently acquired discipline of forensic toxicology. Toxicological analyses are provided for post-mortem analysis primarily for the District Six Medical Examiners (Pinellas and Pasco Counties) and human performance toxicology (DUI, sexual assault, etc) for various state and local law enforcement agencies operating in Pinellas and Pasco Counties. Controlled substance and trace analysis are provided for all law enforcement agencies operating in Pinellas County.

The funds requested will be utilized to upgrade equipment and instrumentation in the chemistry and toxicology sections.

Laboratory casework has increased at a rapid rate. The laboratory is projecting the submission of more than 10,000 cases in FY05-06, a significant increase over the previous two years. To compensate, the laboratory has increased staff size and is working to increase efficiency through the purchase of additional laboratory equipment.

Additionally, with the rapid expansion of the use and abuse of pharmaceutical drugs and their subsequent metabolites, upgrades to current mass spectral libraries is needed to increase laboratory capabilities in identification of drugs in both toxicology and chemistry specimens.

The Indian River Crime Laboratory provides scientific and technical services to all state, county, federal, and municipal law enforcement agencies within the 19th Judicial Circuit of Florida, which consists of Indian River, St. Lucie, Martin, and Okeechobee counties. The Laboratory also occasionally assists agencies located outside the 19th Judicial Circuit. The Laboratory serves an approximate total year-round population of 520,000 in the four-county area. Due to seasonal residents, local populations increase by 25-100% or more during the winter months, depending on the community. The Laboratory examines physical evidence in approximately 3,600 cases per year, using a staff of six Criminalists and five technical and administrative support personnel.

The Indian River Crime Laboratory is requesting funding to assist in accreditation expenses through the American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB), training for the laboratory Evidence Coordinator and Information Technology Specialist at the annual user's group meeting hosted by the provider of the laboratory's information management system (LIMS), attendance by the laboratory Quality Manager and Laboratory Director to attend the annual national meeting of the Association of

Forensic Quality Managers, and a stereo microscope to assist the laboratory in the development of a tool mark examination program in the firearms section of the laboratory.

The Indian River Crime Laboratory is also requesting funding for the blood alcohol analyst to attend the Alcohol Toxicology Training Seminar at Indiana University. It will improve alcohol analysis efficiency by providing additional expertise in interpretation and testimony regarding DUI/DWI/traffic homicide investigations.

The Indian River Crime Laboratory is in the process of applying for accreditation through the American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB). The application will be submitted by the end of June 2005, with an accreditation team expected to arrive by the end of October 2005. An external review by ASCLD/LAB will allow the laboratory personnel and management board to learn of any deficiencies in the laboratory operation and management policies, and to take corrective action(s) should deficiencies be identified.

Attendance at the Justice Trax Users' Group Meeting will allow the laboratory to remain current with all upgrades to better maintain its LIMS system. The laboratory's LIMS system is integrated through a common server to eleven user terminals, and provides the primary evidence tracking, case assignment and documentation, as well as being the main source of statistical data utilized by the laboratory. The laboratory is in the process of learning to generate all laboratory reports and case evidence documentation through the LIMS system. The laboratory works closely with the Information Technology Department of the Saint Lucie County Sheriff's Office (parent organization of the Indian River Crime Laboratory) and participation of the IT group at the Justice Trax Users' Group Meeting will allow for a better understanding of the LIMS system requirements for the laboratory.

Attendance at the annual national meeting of the Association of Forensic Quality Managers will allow the laboratory Quality Manager and Director to keep current with the continually evolving forensic laboratory quality control issues, and allow for a progression to ISO 17025 accreditation.

Purchase of a stereomicroscope for the laboratory's firearms section will allow the laboratory to begin its implementation of a toolmark examination program. While the stereoscope currently in the firearms section is sufficient for firearms related examinations, the focusing distance and documentation capabilities (camera port) are not suitable for toolmark examinations.

Districts Six, Nine, Eleven, and Thirteen of the Florida Medical Examiner's Offices will be requesting funding under this solicitation. These offices are applying for enhancements to their facilities through the purchase of additional equipment and training that will increase their productivity by decreasing time required for certain activities.

The Florida Department of Law Enforcement is requesting funds to be used for continuing education of its laboratory members. In order for laboratory members to remain effective in their positions they must continue to keep abreast of the current literature, advances and trends within the forensic sciences. The American Society of Crime Laboratory Directors Laboratory Accreditation Board (ASCLD LAB) sites continuing education as an integral part of the quality assurance program of any laboratory. *"Accreditation is a part of a laboratory's quality assurance program which should also include proficiency testing, continuing education,*

and other programs to help the laboratory give better overall service to the criminal justice system."

With the requested funds, the Florida Department of Law Enforcement will allow all of its members to participate in at least one continuing education training opportunity during the year. The funds requested may be used for registration, travel and other fees associated with professional meetings including but not limited to those sponsored by the following groups: the Southern Association of Forensic Scientist (SAFS), the American Academy of Forensic Sciences (AAFS), the Association of Firearms and Toolmark Examiners (AFTE), the American Society of Questioned Documents Examiners (ASQDE), the Society of Forensic Toxicologists (SOFT) and the International Association for Identification (IAI) or its Florida Division (FDIAI), and the American Society of Crime Laboratory Directors (ASCLD). The funds may be used to pay tuition and fees at universities or colleges including on-line courses for members seeking advanced degrees in sciences or forensic sciences. The funds may also be used for crime laboratory members to attend meetings of the FDLE disciplines in which new protocols or procedures are discussed. They may be used to pay for instructors to come into the laboratory system to teach short courses associated with crime laboratory analyses or other areas of interest within the laboratories. In addition to the meetings and continuing education listed above, the funds may be used for the purchase of educational material including but not limited to books, scientific journal subscriptions, or software.

By allowing all of the members to have continuing education opportunities, the ability to perform their duties are enhanced which in turn allows them to provide better service for the criminal justice community.

BUDGET DETAIL WORKSHEET and NARRATIVE

Total Funding Request: \$606,747.00

Florida's crime laboratory system consists of seven state laboratories and five local laboratories that provide forensic analysis for law enforcement agencies in this State. These crime laboratories are requesting funding for equipment and supplies in order to improve the quality and timeliness of forensic science services in the state of Florida.

There are also twenty-four District Medical Examiner's offices in Florida. Four Florida District Medical Examiner Offices are applying for enhancements to their facilities that will increase their productivity by decreasing time required for certain activities.

All funds will be expended in accordance with Federal, State, and appropriate County guidelines and purchasing/procurement procedures. Unit and total costs for equipment were obtained by surveying competitive vendors except for instances in which a sole source is required. Funds requested for overtime and fringe benefits are based on participating agency pay standards.

A. PERSONNEL

\$0.00

No personnel funds are being requested

B. FRINGE BENEFITS

\$0.00

No fringe benefit funds are being requested

C. TRAVEL

\$189,981.97

Florida Department of Law Enforcement - \$189,981.97

The Florida Department of Law Enforcement is requesting to be used for continuing education of its laboratory members. In order for laboratory members to remain effective in their positions they must continue to keep abreast of the current literature, advances and trends within the forensic sciences. The American Society of Crime Laboratory Directors Laboratory Accreditation Board (ASCLD LAB) sites continuing education as an integral part of the quality assurance program of any laboratory. "Accreditation is a part of a laboratory's quality assurance program which should also include proficiency testing, continuing education, and other programs to help the laboratory give better overall service to the criminal justice system."

With the requested travel funds, the Florida Department of Law Enforcement will allow all of its members to participate in at least one continuing education training opportunity during the year. The funds requested may be used for travel to professional meetings including but not limited to those sponsored by the following groups: the Southern Association of Forensic Scientist (SAFS), the American Academy of Forensic Sciences (AAFS), the Association of Firearms and

Toolmark Examiners (AFTE), the American Society of Questioned Documents Examiners (ASQDE), the Society of Forensic Toxicologists (SOFT) and the International Association for Identification (IAI) or its Florida Division (FDIAI), and the American Society of Crime Laboratory Directors (ASCLD).

Quantity	Item	Cost
70	Travel expenditures associated with professional meetings including but not limited to those sponsored by the following groups: the Southern Association of Forensic Scientist (SAFS), the American Academy of Forensic Sciences (AAFS), the Association of Firearms and Toolmark Examiners (AFTE), the American Society of Questioned Documents Examiners (ASQDE), the Society of Forensic Toxicologists (SOFT) and the International Association for Identification (IAI) or its Florida Division (FDIAI), and the American Society of Crime Laboratory Directors (ASCLD) for members as well as instructors.	\$189,981.97

D. EQUIPMENT

\$218,205.55

Broward County Sheriffs Office - \$50,656.29

The Trace Unit would like to purchase a Coatings Technology (Polymer) Library for the FTIR. The Coatings Technology Library consists of 2,507 infrared spectra of the most common coating materials used in automotive and architectural applications. This collection includes materials such as polymers, resins, paint vehicles, pigments, extenders, acrylic monomers, radiation curable-monomers, fungicides, mildewcides, inhibitors/stabilizers, solvents, and other additives. These type materials are commonly encountered in the investigation of fatal traffic accidents, hit-and-run accidents, and burglaries. Purchase of this library will allow the BSO Crime Lab to conduct computerized infrared spectral library searches of unknown coating materials encountered in criminal case investigations.

Quantity	Item	Cost
1	Coatings Technology Library	\$3,950.00

The Crime Scene Unit is in need of some equipment upgrades. New metal detectors are requested for the crime scene detectives to replace old worn out units. These allow detectives the ability to retrieve valuable ballistic evidence from a crime scene. At the current time, the unit has been using a semi-portable Alternate Light Source at crime scenes. This unit is cumbersome and heavy. The portable Alternate Light Source gives detectives the ability to locate foreign fibers, hairs, body fluids and fingerprints from crime scenes with greater ease.

The mobile lab is in need of laptop computers. The detectives use these to write search warrants, access the BSO PICS inmate database and the Florida driver license database while at the crime scene. This saves time and increases efficiency. In addition, a new computer is needed for the office for doing crime scene sketches with CAD (Computer Aided Design) programs. Lastly, a new HP Plotter printer is needed so that printing of crime scene photos and sketches can be

done in a large format up to 42 inches wide; our current one only prints up to 24 inches.

Quantity	Item	Cost
13	Metal Detectors	\$7,150.00
3	Alternate Light Source	\$8,100.00
2	Dell Laptops for Crime Scene	\$3,200.00
1	Dell Computer	\$1,450.00
1	HP Plotter Printer	\$6,700.00

The availability of a 2 Tablet PCs, while performing audits and QA inspections, would allow the immediate computerization of data and findings during the audit. The Lab Manager additionally needs a Tablet PC for training and audit work. The current system requires the hand tabulation of data during the audit and then manual entering the data into a computer after the audit. The hand tabulation of data and manual data entry delays the reporting of audit findings. The Projector will be utilized for case presentations, lectures, and training for the staff.

Quantity	Item	Cost
2	Laptop Computers	\$5,000.00
1	Projector	\$1,406.29

The DNA Unit has continued to grow over the last couple of years. As a result of previous NIJ grants, the unit has been able to ensure that the analysts have at their disposal, the necessary pieces of equipment necessary to perform their analyses.

Recently three new analysts have been trained in the areas of Serology and DNA and the equipment requested will help to ensure the quality of their work. The 2 Dead Air Boxes will be utilized by the analysts at their benches for the analysis and cutting of samples for DNA analysis. The camera will be used to photograph evidence and will be an addition to the one the unit already has. The color printer will be placed in the analyst's work area so that they can print the pictures that have been taken immediately instead of waiting until they go back into the office area. Lastly, the repeat pipettes will be used so that the accuracy and precision of sampling can be ensured.

Quantity	Item	Cost
1	Nikon Digital Camera	\$ 600.00
1	Laser Jet Color Printer	\$1,000.00
2	4' Dead Air Box	\$3,600.00
1	Leica Microscope	\$2,500.00
2	5-100 Electronic Repeat Pipette	\$1,100.00
2	20-300 Electronic Repeat Pipette	\$1,100.00
2	5-100 8 Channel Electronic Repeat Pipette	\$1,900.00
2	20-300 8 Channel Electronic Repeat Pipette	\$1,900.00

Miami-Dade Police Department - \$77,746.65

Analytical Section/Trace Unit - \$45,000.65

The Miami-Dade Police Department Crime Laboratory Analytical Section Trace Unit is requesting funding for the replacement of an outdated GRIM 2 instrument with a new GRIM 3 for the analysis of glass evidence. The GRIM 3 allows for the simultaneous analysis of multiple samples, has increased temperature stability (key component of glass analysis), and provides more efficient casework documentation. Therefore, this instrument will improve the quality of glass analysis provided by the MDPD CLB.

Quantity	Item	Cost
1	GRIM 3	\$45,000.65

Forensic Identification Section - \$32,746.00

The MDPD Forensic Identification Section is requesting funding for the replacement of older stereomicroscopes that are used on a daily basis. The equipment requested will be used for the initial examination and documentation of violent crime related firearms and ballistic evidence.

Quantity	Item	Cost
7	Stereo microscopes for the Firearms Identification Section @ \$4,678.00 each	\$32,746.00

Indian River Crime Laboratory - \$16,407.29

The Agilent Technologies 8453 Value UV-Visible System includes the 8453 spectrophotometer, general purpose software and a PC system, including a printer. The configuration includes Windows Operating System: Windows XP, 17" Flat Panel, 1 year SW upgrade/phone assist, and 1 year PC repair recovery service.

Quantity	Item	Cost
1	Ultraviolet/Visible spectrophotometer system	\$16,407.29

Pinellas County Forensic Laboratory - \$23,395.32

Laboratory casework has increased at a rapid rate. The laboratory is projecting the submission of more than 10,000 cases in FY05-06, a significant increase over the previous two years. To compensate, the laboratory has increased staff size and is working to increase efficiency through the purchase of additional laboratory equipment.

Additionally, with the rapid expansion of the use and abuse of pharmaceutical drugs and their subsequent metabolites, upgrades to current mass spectral libraries is needed to increase laboratory capabilities in identification of drugs in both toxicology and chemistry specimens.

The following equipment that will be purchased with the requested grant funds to help achieve these goals:

Quantity	Description	Estimated Cost
2	Tube rotators (\$1000 each)	\$2,000.00
1	Tubrovac water bath concentrator	\$9,000.00
1	Pill Counter	\$6,000.00
1	Automated Pipettor Dilutor	\$4,500.00
1	Computer Upgrade for PE TurboChrom Headspace Analyzer	\$1,895.32

Medical Examiners Offices - \$50,000.00

The **District Six Medical Examiner's Office** is requesting three wireless broadband access computer cards. These wireless access cards will enable investigators to have contact with the Medical Examiner's office and various database systems while in the field. This will greatly improve the timeliness and quality of death scene investigations. In addition, the ability to input data, remotely from the field, will improve the timeliness of case preparation and decedent processing within the office. Because the potential exists for natural and man-made disasters, having staff in the field equipped with wireless connectivity to the Medical Examiner Office's computer systems, will be vital in serving the community should such circumstances arise.

Quantity	Item	Cost
3	Wireless Broadband Access Computer Cards, including one year of connectivity service.	\$2,200.00

The **District Six Medical Examiner's Office** is also requesting a global positioning system navigation/tracking equipment and service. Having GPS navigation/tracking equipment for Medical Examiner vehicles responding to death scenes will provide the ability for staff to more accurately and quickly respond with up-to-date mapping and exact navigational directions. The ability to immediately ascertain the geographic location of vehicles and staff at any given time, then determine which vehicle is nearby and properly equipped to respond to a given death scene, will improve the timeliness of death scene response, and quality of services being provided to the community.

Quantity	Item	Cost
1	GPS navigation/tracking equipment and service	\$7,800.00

The **District Nine Medical Examiner's Office** is requesting a Live Scan Fingerprinting System. This equipment will assist in the timeliness of potentially identifying someone through fingerprints. The office will reduce the delay of identifications currently caused by ink prints that only trained forensic technicians can take when given permission by the medical examiner. The equipment can be operated by any medical examiner employee due to its user-friendly capabilities. Another component of live scan is the quality assurance check; immediate results notify if the prints are acceptable. During contingency operations with a large number of

fatalities, the portable system will expedite identification of bodies, permitting the remains to be released to families much more quickly than is possible with manual comparison techniques.

Quantity	Item	Cost
1	Live Scan Fingerprinting System	\$9,855.00

The **District Eleven Medical Examiner's Office** is requesting nine desktop computers. These computers will replace nine computers that are more than six years old. The current computers do not have the minimum specifications to run the newest technology. These new computers will greatly improve the timeliness to enter or retrieve data from the CME Website application and be able to provide better service to families and agencies requesting information.

Quantity	Item	Cost
9	Dell Desktop Computers	\$20,145.00

The **District Thirteen Medical Examiner's Office** is requesting a High Resolution Mass Spectrometer. The High Resolution Mass Spectrometer will replace an eleven year old High Performance Liquid Chromatograph and provide the capabilities necessary to transition to accreditation of the District Thirteen Toxicology Laboratory. Most importantly, the ability of the instrument to determine molecular weight accurately to four decimal places will significantly reduce both the staff workload and the time required to identify a compound. Coupled with the ion detection of the chromatograph, this increased accuracy will also permit identification of a compound without first obtaining and analyzing a Standard Test Specimen of a compound – saving both time and money.

Quantity	Item	Cost
1	High Resolution Mass Spectrometer	\$10,000.00

E. SUPPLIES **\$0.00**
(no supply funds are being requested)

F. CONSTRUCTION **\$0.00**
(no construction funds are being requested)

G. CONSULTANTS/CONTRACTS **\$38,000.00**

Palm Beach County Sheriff's Office - \$38,000.00

Contract with Carol Henderson for on-site training in Court Testimony for 20 employees whose job component includes court testimony.

Contract for training in ISO 17025:2005 accreditation and applicable supplemental documents for Technical Services Division managers and staff. Training will be on-site and include introduction, documentation, preparation of procedure manuals, uncertainty of measurement and surveillance.

Contract for temporary personnel to prepare ISO accreditation documentation in electronic format.

Item	Cost
Training will consist of two separate sessions each 2 ½ days. 20 persons x \$700/person (Carol Henderson)	\$14,000.00
Training in ISO accreditation - 20 persons x \$1,000/ person (ISO)	\$20,000.00
Contract with temp for ISO accreditation \$25/hour x 160 hours	\$4,000.00

H. OTHER COSTS

\$160,559.48

Florida Department of Law Enforcement - \$145,000.00

In order for laboratory members to remain effective for members of in crime lab positions they must continue to keep abreast of the current literature, advances and trends within the forensic sciences. The American Society of Crime Laboratory Directors Laboratory Accreditation Board (ASCLD LAB) sites continuing education as an integral part of the quality assurance program of any laboratory. *"Accreditation is a part of a laboratory's quality assurance program which should also include proficiency testing, continuing education, and other programs to help the laboratory give better overall service to the criminal justice system."*

With the requested funds, the Florida Department of Law Enforcement will allow all of its members to participate in at least one continuing education training opportunity during the year. The funds requested may be used for registration, instructor fees, and other fees associated with professional meetings. The funds may be used to pay tuition and fees at universities or colleges including on-line courses for members seeking advanced degrees in sciences or forensic sciences. The funds may also be used for crime laboratory members to attend meetings of the FDLE disciplines in which new protocols or procedures are discussed. They may be used to pay for instructors to come into the laboratory system to teach short courses associated with crime laboratory analyses or other areas of interest within the laboratories.

Quantity	Item	Cost
	Registration, instructor, tuition and other fees associated with professional meetings.	\$95,000.00

FDLE is also requesting funds to assist in the purchase of education material. By allowing all of the members to have access to up-to-date education material, the ability to perform their duties are enhanced which in turn allows them to provide better service for the criminal justice community.

Quantity	Description	Estimated Cost
	Misc. educational material including but not limited to books, scientific journal subscriptions or software	\$50,000.00

Broward County Sheriffs Office - \$6,000.00

The Laboratory was accredited under ISO 17025:1999 criteria. In 2005, the ISO 17025 standard was revised. In order to maintain our accreditation, training is required to understand the new requirements in ISO 17025 and the 2005 supplemental ASCLD/LAB-*International* standards. An ASCLD/LAB-*International* training class would be a cost effective means by which all laboratory personnel could be trained in an expedient manner. This will allow the Laboratory to meet the high quality and laboratory accreditation standards mandated by new ISO 17025 changes adopted by ASCLD/LAB-*International*.

Quantity	Item	Cost
1	ASCLD Training	\$6,000.00

Palm Beach County Sheriff's Office - \$1,559.48

Documentation Management software license

Item	Cost
Documentation Management Software License	\$1,559.48

Pinellas County Forensic Laboratory - \$8,000.00

Laboratory casework has increased at a rapid rate. The laboratory is projecting the submission of more than 10,000 cases in FY05-06, a significant increase over the previous two years. To compensate, the laboratory has increased staff size and is working to increase efficiency through the purchase of additional laboratory equipment.

Additionally, with the rapid expansion of the use and abuse of pharmaceutical drugs and their subsequent metabolites, upgrades to current mass spectral libraries is needed to increase laboratory capabilities in identification of drugs in both toxicology and chemistry specimens.

The following materialst will be purchased with the requested grant funds.

Quantity	Description	Estimated Cost
1	NIST 2005 MS library upgrade	\$2,000.00
1	Pfleger Toxicology Mass Spectral Library -3 rd Ed.	\$6,000.00

I. INDIRECT COSTS
(Not allowable under this grant)

\$0

TOTAL FUNDING REQUEST - \$606,747.00

BUDGET SUMMARY

Total Funding Request: \$606,747.00

	Budget Category	Amount
A.	Personnel	\$0.00
B.	Fringe Benefits	\$0.00
C.	Travel	\$195,981.97
D.	Equipment	\$218,205.55
E.	Supplies	\$0.00
F.	Construction	\$0.00
G.	Consultants/Contracts	\$38,000.00
H.	Other Costs	\$154,559.48
I.	Indirect Costs	\$0

TOTAL PROJECT COSTS **\$606,747.00**

Federal Request **\$606,747.00**

Non-Federal Amount (No State Match Required) **\$0**

2006 Paul Coverdell - 2006-DN-BX-0041
Palm Beach County Sheriff's Office - \$39,559.48

Item	Approx Price	Actual Price	Balance
CONSULTANTS AND CONTRACTS - \$38,000.00			
Contract with Carol Henderson for on-site training in Court Testimony for 20 employees whose job component includes court testimony.			
Training for 20 people - two separate sessions 2 1/2 days each x \$700.00 per person	\$14,000.00	\$0.00	\$14,000.00
Training in ISO Accreditation for 20 people x \$1,000 per person	\$20,000.00	\$0.00	\$20,000.00
Contract with Temporary Personnel for ISO Accrediation \$25 per hour x 160 hours	\$4,000.00	\$0.00	\$4,000.00
OTHER - \$1,559.48			
Documentation Management Software License	\$1,559.48	\$0.00	\$1,559.48
TOTAL	\$39,559.48	\$0.00	\$39,559.48