



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2019-2020

LFIR#: 1408

1. **Title of Project:** Orlando Police Department Rapid DNA

2. **Senate Sponsor:** Linda Stewart

3. **Date of Submission:** 02/11/2019

4. **Project/Program Description:**

The Orlando Police Department intends to use funds to purchase a Rapid DNA instrument that will provide a simple, streamlined, and reliable methodology to profile forensic samples, which includes rapid options to identify individuals and their bodily fluids, or screen and triage biological samples. This capability will increase the effectiveness of solving violent crimes, potentially preventing crimes, as well as exonerating innocent persons. In addition, Rapid DNA will save both time and money by reducing the DNA analysis time from several months to less than two hours, and will greatly reduce forensic backlog at the State crime lab.

5. **State Agency to receive requested funds :** Department of Law Enforcement

State Agency Contacted? Yes

6. **Amount of the Nonrecurring Request for Fiscal Year 2019-2020**

Type of Funding	Amount
Operations	250,000
Fixed Capital Outlay	
<b>Total State Funds Requested</b>	<b>250,000</b>

7. **Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)**

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	250,000	92.6%
Federal		0.0%
State (excluding the amount of this request)		0.0%
Local	20,000	7.4%
Other		0.0%
<b>Total Project Costs for Fiscal Year 2019-2020</b>	<b>270,000</b>	<b>100.0%</b>

8. **Has this project previously received state funding?** No

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	NonRecurring		

9. **Is future-year funding likely to be requested?** No

10. **Details on how the requested state funds will be expended**

Spending Category	Description	Amount
<b>Administrative Costs:</b>		



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2019-2020

LFIR#: 1408

Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Operational Costs:</b>		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Given that the ANDE Rapid DNA instrument has been approved by the FBI and the National DNA Index System, OPD would like to purchase the ANDE instrument at a one time cost of \$150,000. OPD is also requesting 100 Test Kits at \$1,000/Kit for a total of \$100,000. The total for these items is \$250,000. City funds will cover the \$20,000 Annual Maintenance Fee for the ANDE Rapid DNA instrument.	250,000
Consultants/Contracted Services/Study		
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering		
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>250,000</b>

**11. Program Performance:**

**a. What is the specific purpose or goal that will be achieved by the funds requested?**

The Orlando Police Department will use funds to purchase a Rapid DNA instrument that will significantly reduce the amount of time it takes to analyze DNA data from months to less than two hours. The goal is to increase DNA-analysis capacity to solve violent crimes, to potentially prevent violent crimes, and to exonerate innocent persons. A major cause of DNA backlog is due to conventional DNA testing that requires highly-skilled forensic scientists to perform numerous manual procedures at a State crime lab. Thus, this instrument will also drastically reduce the backlog that exists at crime labs since it is a fully-automated process of developing a DNA profile from a reference sample buccal swab without the need for human intervention and expertise. Once purchased, OPD will continue to maintain this instrument and will analyze its effectiveness to demonstrate its impact on solving crimes and backlog reduction.

**b. What are the activities and services that will be provided to meet the intended purpose of these funds?**

Currently, DNA samples are sent to a State crime lab where forensic scientists perform manual analysis. Law enforcement detectives often wait weeks or months for results that are paramount to solving cases. Given the significant backlog at these labs as recognized by the National Institute of Justice, some crime labs will only analyze the most serious crimes, leaving many samples untested. The Rapid DNA fully-automated instrument will analyze the DNA in a swab and produce a profile of 20 specific loci on the DNA strand in less than two hours. Samples from a crime scene can then be immediately compared against evidence found on scenes. This information can either link a person to a crime or exonerate a person from a crime. The impact on solving crimes and relieving the crime lab backlog is profound.



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2019-2020

LFIR#: 1408

**c. What are the direct services to be provided to citizens by the appropriations project?**

The Rapid DNA Act of 2017 calls for DNA testing of arrestees in booking stations, with the goal of identifying arrestees wanted in connection with rapes, murders, and other crimes while still in police custody (versus being released within hours without performing DNA identification). By identifying suspects quickly, Rapid DNA testing has the potential to identify criminals, dramatically reducing the rate of violent crimes. A major cause of DNA backlog is due to conventional DNA testing, which again requires highly-skilled scientists to perform numerous manual procedures. This instrument will provide residents with a more efficient method to solving crimes that may have impacted them, or could potentially impact them if criminals are not found. Further, it will exonerate innocent persons much more efficiently, allowing them to resume their lives.

**d. Who is the target population served by this project? How many individuals are expected to be served?**

The target population is potentially the entire City of Orlando residents, or about 255,000 individuals. It is unclear at this time how many individuals will be impacted directly. It is clear, however, that solving crimes more effectively has the potential to benefit all residents, at least indirectly. Additionally, reducing DNA analysis from months to hours has a significant direct beneficial impact to victims of crime or to exonerate innocent persons of crimes. Further, the Orlando Police Department is committed to sharing its resources whenever feasible to assist other law enforcement agencies' mission to reduce violent crime. To this end, this instrument will be offered for shared-use to smaller local law enforcement agencies that may not be able to procure their own instrument. This sharing of resources will increase the target population served to neighboring jurisdictions as well, creating an even broader impact.

**e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?**

This technology has the potential to change the paradigm for law enforcement and its capacity to solve cases. The Rapid DNA instrument can enable law enforcement to analyze DNA in record time and keep violent offenders off the streets. And equally important, Rapid DNA analysis can be used to exonerate those wrongly accused of a crime before he or she is booked into a facility. Further, since the instrument is portable, it can be deployed to mass casualty incidents, similar to the Pulse tragedy, which can assist in the rapid identification of victims. The methodology used will include measuring the number of DNA analyses conducted 12 months prior to the instrument being purchased and the time these analyses took to conduct, compared to 12 months after the purchase of the Rapid DNA instrument. OPD anticipates to see an increase in the number of analyses and a decrease in the time it took to conduct these analyses; thus, increasing both capacity and efficiency.

**f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for in the contract?**

The Orlando Police Department does not anticipate failing to meet deliverables or performance measures. Given this is an equipment purchase to increase Rapid DNA analysis from a manual process to an automated process, there is very little room for error.

**12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

This is not applicable.



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2019-2020

LFIR#: 1408

#### 13. Requestor Contact Information:

- a. **Name:** Orlando Rolón
- b. **Organization:** City of Orlando Police Department
- c. **E-mail Address:** orlando.rolon@cityoforlando.net
- d. **Phone Number:** (407)246-2401

#### 14. Recipient Contact Information:

- a. **Organization:** City of Orlando Police Department
- b. **County:** Orange
- c. **Organization Type:**
  - For Profit
  - Non Profit 501(c) (3)
  - Non Profit 501(c) (4)
  - Local Entity
  - University or College
  - Other (Please specify)
- d. **Contact Name:** Orlando Rolón
- e. **E-mail Address:** orlando.rolon@cityoforlando.net
- f. **Phone Number:** (407)246-2401

#### 15. Lobbyist Contact Information

- a. **Name:** Angela Drzewiecki
- b. **Firm Name:** Peebles, Smith, & Matthews
- c. **E-mail Address:** angela@psmfl.net
- d. **Phone Number:** (850)545-8872