



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1620

1. Title of Project: North Miami Beach PAL STEM/Robotics Leadership Aca

2. Senate Sponsor: Jason Pizzo

3. Date of Submission: 02/07/2019

4. Project/Program Description:

The North Miami Beach Police Athletic League (NMBPAL) STEM/Robotics Leadership Academy seeks to provide 60 "at-risk" youth with hands-on learning about the building blocks in design, coding, tech infrastructure, robotics and leadership skills. These skills will provide students with a competitive edge in a field of high demand and growth, breaking the cycle of poverty and economic divide based on access to educational resources.

5. State Agency to receive requested funds : Department of Juvenile Justice

State Agency Contacted? No

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

Type of Funding	Amount
Operations	100,000
Fixed Capital Outlay	
Total State Funds Requested	100,000

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)	100,000	45.45%
Federal	0	0.00%
State (excluding the amount of this request)	0	0.00%
Local	100,000	45.45%
Other	20,000	9.09%
Total Project Costs for Fiscal Year 2019-2020	220,000	100.0%

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? Yes

a. If yes, indicate non-recurring amount per year. \$100,000

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

Spending Category	Description	Amount
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Administrative Costs:		
Executive Director/Project Head Salary and Benefits	NMBPAL Executive Director Overtime Costs to ensure that a representative of the NMB Police Department is present and providing oversight of all activities with youth.	20,000
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs:		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Computers, coding software, STEM curriculum, printers ink, and robotics supplies from Lego and other vendors to be used by the youth and teachers of the program. Two trips to National and State youth robotics and coding conferences and competitions. Local travel to leadership and STEM activities and workshops	30,000
Consultants/Contracted Services/Study	STEM/Robotics teacher, youth leadership teacher, and program coordinator services for each academy class. Estimating two academy classes of 30 youth within the year.	50,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		100,000

11. Program Performance:

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

The North Miami Beach Police Athletic League (NMBPAL) STEM/Robotics Leadership Academy seeks to provide 60 "at-risk" youth with hands-on learning about the building blocks in design, coding, tech infrastructure, robotics and leadership skills. These skills will provide students with a competitive edge in a field of high demand and growth, breaking the cycle of poverty and economic divide based on access to educational resources.

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

Economically disadvantaged youth will receive STEM, robotics and leadership coursework. Students' exposure to the computer technology field will provide them with increased economic opportunity in the future, while eliminating common barriers such as cost. Students will have a safe and fun environment to learn at a North Miami Beach Facility free of cost, diverting them from delinquent acts.

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

Students will engage in rigorous sessions that build on the fundamental elements of STEM, robotics and leadership. Two industry professionals from these fields will serve as their lead teachers and educate with best practice curriculum. Each student will be assigned a computer and log in information to access the coursework and projects. Each lesson is accompanied by an individual or group activity that allows the students to use the



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knowledge that they have obtained. At the end of the lessons, the students will graduate the academy with a certificate of completion and a completed STEM robotics and leadership project for their e-portfolio. Students will engage in competitions, conferences and college tours to increase their exposure to the availability of furthering their education in these fields and gain a greater understanding of the lessons they will engage in within the Academy.

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

North Miami Beach PAL seeks to target youth within the North Miami-Dade area who have been characterized as "at-risk" due to behavior, school attendance (truancy), academic performance; and household income. 60 to 75 moderate to low income youth residents of North Miami Beach will be served.

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

According to the DJJ study, Delinquency in Florida's Schools, youth arrests are largely due to disorderly conduct and the occurrence of one out/in school suspension and chronic absenteeism (21 or more days out of school). These factors have an adverse effect on the student's grades that translates into a greater risk of them dropping out of school and engaging in delinquent activities. NMBPAL expects that 80% of the student participants will maintain at least a passing GPA of 2.0. PAL of North Miami Beach seeks to achieve the outcomes of decreasing the number of suspensions and absences within the program period and increasing youths knowledge of STEM, robotics and leadership. Program outcomes will be evaluated through the monitoring of each of these factors on a quarterly basis, maintained in individual data files for each participant. A series of records will be compiled quarterly inclusive of student report cards to review and discuss GPA's attendance; and behavior.

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?

NMBPAL is in agreement with the standard penalties set forth to contracting agencies who fail to meet their deliverables or performance measures provided within the contract.

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.

North Miami Beach Police Athletic League, Inc.

13. Requestor Contact Information:

- a. **Name:** William Hernandez
- b. **Organization:** North Miami Beach Police Department - Chief of Police
- c. **E-mail Address:** William.hernandez@nmbpd.org
- d. **Phone Number:** (305)949-5500

14. Recipient Contact Information:

- a. **Organization:** North Miami Beach Police Athletic League, Inc.
- b. **County:** Miami-Dade
- c. **Organization Type:**



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- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Entity
- University or College
- Other (Please specify)

d. Contact Name: William Hernandez

e. E-mail Address:

f. Phone Number: (305)949-5500

15. Lobbyist Contact Information

a. Name: Rana G. Brown

b. Firm Name: Ronald L. Book, P.A.

c. E-mail Address: rana@rlbookpa.com

d. Phone Number: (305)935-1866