



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1278

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

In this mentor supported program serving 50+ youth in-house and more remotely and indirectly, youth ages 8 through 18 learn to design, build, test, and drive their own competitive robots and drones on regulation competition fields. They not only prepare for competition day, but they learn hands-on basic engineering skill sets along the way, including CAD, 3D printing, machine shop skills, programming, web design and vital teamwork and communications skills.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	50,000
Fixed Capital Outlay	0
Total State Funds Requested	50,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	50,000	83%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	10,000	17%
Total Project Costs for Fiscal Year 2022-2023	60,000	100%

8. Has this project previously received state funding?

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

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

Limited but some partial grant funding from Lockheed Martin, SOFWERX and individual donors/sponsors.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?



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If yes, indicate the amount of funds received and what the funds were used for.

\$2,000 to make PPE (face shields) for health care workers

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study	Programming, CAD, machine shop consultants and program development services	5,000
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Instructional materials STEM training equipment & supplies Shop training equipment Software licensing fees	30,000
Consultants/Contracted Services/Study	Instructional contracted services and support	15,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		50,000

12. Program Performance

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

Youth in this STEM program will gain real time, contextual high quality 21st century science and engineering skills to prepare them for high tech futures, with improved academic and career outcomes.

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

Youth in our STEAM education programs will participate in competitive robotics and drone programs and in the process, learn Computer Aided Drafting, programming, mechanical, electrical and design skills and understand principles of science, and physics related to aeronautics and robotics design and engineering.

c. What direct services will be provided to citizens by the appropriation project?

Students will learn by doing under the direct supervision of mentors from the professional engineering and software development community to learn all the skills necessary to compete effectively in their programs, as well as to develop vital 21st century skills in teamwork, communications, and documentation.

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

Economically disadvantaged individuals
at-risk youth
high school students
college students
50-100 individuals will be served directly and hundreds more indirectly

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



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Benefits/Outcomes expected include:

Improved mental health from self efficacy resulting from skills attainment
Self efficacy resulting from skills attainment and economic independence
Improved skills development leading to improved quality of education
Improved economic activity as a result of certifications attained and jobs through certifications and tech skills
Enhanced economic self-sufficiency through improved skills and understanding of new workforce opportunities

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 the contract?

Balance of expended funds would be returned to the State if deliverables or performance measures are not met.

13. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

N/A



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14. Requestor Contact Information

a. First Name Last Name
b. Organization
c. E-mail Address
d. Phone Number Ext.

15. Recipient Contact Information

a. Organization
b. Municipality and County

c. Organization Type

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

d. First Name Last Name
e. E-mail Address
f. Phone Number

16. Lobbyist Contact Information

a. Name
b. Firm Name
c. E-mail Address
d. Phone Number