



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1289

1. **Project Title** Cyber Security for Florida

2. **Senate Sponsor** Perry Thurston

3. **Date of Request** 10/29/2019

4. **Project/Program Description**

With cyber-criminals now responsible for billions in losses per year and state-sponsored hacking groups posing an ever-greater threat, the need for individuals capable of securing networks against attackers has never been greater. However, education and training institutions in the United States have so far found it difficult to keep pace with the growing need for cyber-talent. As a result of poor education and focus on cyber-security - there is now a 1.8 million person headcount gap in cyber-security staring us down. The FDWO would like to address this with a cyber-education curriculum bolstered by our area community colleges. Weekly training from our program volunteers and instructors + education and certification preparation at college.

Focus on cyber-security education will not only help to empower Florida's youth but may have the added benefit of attracting corporations to Florida. A robust cyber-education program could mean the next Silicon Valley is in the panhandle.

5. **State Agency to receive requested funds** Department of Education

State Agency contacted? ☐ Yes ☒ No

6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	230,000
Fixed Capital Outlay	000
Total State Funds Requested	230,000

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	230000	100.0 %
Matching Funds		
Federal	00	0 %
State (excluding the amount of this request)	00	0 %
Local	00	0 %
Other	00	0 %
Total Project Costs for Fiscal Year 2020-2021	230,000	100 %

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

If yes, provide the most recent instance:

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

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

If yes, indicate nonrecurring amount per year. 230,000



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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	Executive Director (will also assist in filing and registration of participants and will teach the career placement and interview courses for graduating seniors)	60,000
Other Salary and Benefits	Program Director (1 \$45,000) (will act as school and college liason and head community outreach), Instructor 1 (35,000 - will teach intro to coding for older students with absolutely no experience to get them caught up, intro to computers 6-8th grade, intro to coding 6-8); Program registrars (2 \$30,000) 1 will have to admin assist in filing and registration of participants - 1 will focus on enrollment and curriculum completion and job placement (student in HS but over 18); Program instructor(2 6	170,000
Expense/Equipment/Travel/Supplies/Other	Enrollment at Broward Community College or Miami-Dade Community College for each participant. We are estimating 50 participants.	0
Consultants/Contracted Services/Study		
Operational Costs: Other		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		230,000



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11. Program Performance

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

We hope that a cyber-education program will help thrust Florida into the forefront as a "forward thinking" hub for emerging technologies. With cyber-certified talent, we can attract these companies. Also, cyber-security specialties can help combat the proliferation of human trafficking across the state as many of the supporting activities (like credit card fraud) of these activities occurs online. The establishment of a cyber-secure, cyber-educated young populace can help both those points.

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

We will recruit students from the 6th to the 12th grades and introduce them to cybersecurity through courses that we are able to teach, for more advanced courses, faster learners, and for high school juniors/seniors interested in a career in cyber-security, we would facilitate dual enrollment at a local community college. For those students we would hold a weekly class where we would review progress and assign a weekly project due the following week.

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

Educational services. This program will educate young persons and may help us garner national attention for our focus on the 1.8 million personnel gap.

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

Florida students 6th grade - 12th grade. We will focus locally in Broward and Miami-Dade Counties and expect 50 participants our first year.

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

The expected benefit is that we get kids excited about cyber-security, exposed to new careers, and focused on life after highschool. The outcome we expect is better educated kids of course but also a swell of interest in other parts of the state, at other schools, and maybe outside of the state. We expect the dual enrollment portion of the program will produce more on-time graduates in at-risk students and better grades overall in their "day-schools" (hs). This program will actually prepare students for careers that we are not preparing them for now and that we need desperately to keep the nation safe. We will survey students at the beginning of the program and the end to ask about the impact. We can will also test students who are in our actual courses, and have planned a position specifically to help students complete dual enrollment and graduate HS with a college level cyber-certification. All of this will be tracked and reported quarterly.

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 full shutdown of our program.



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12. **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.**

We will meet at community centers and public parks for weekend classes and intro computer classes. Many public parks have wifi and some have small computer labs we can use. We do not anticipate many students our first year.

13. **Requestor Contact Information**

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

14. **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

15. **Lobbyist Contact Information**

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