



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2023-2024

LFIR # 1623

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. Project/Program Description

Students to Space: STEM Career and Workforce Development aims to inspire and encourage FL youth to pursue careers in Science, Technology, Engineering, and Math by creating a pipeline to the aerospace industry at Kennedy Space Center. Participating districts will engage in educational initiatives, including hands-on workshops (i.e., engineering design, water rocketry, balloon launching, robotics), data collection/analysis and educator PD. Districts will procure hardware/software for educators to implement in sequential school years. Students will have access to educational programs and initiatives at Kennedy Space Center in Florida.

5. **State Agency to receive requested funds**

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2023-2024

Type of Funding	Amount
Operations	900,000
Fixed Capital Outlay	0
Total State Funds Requested	900,000

7. Total Project Cost for Fiscal Year 2023-2024 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	900,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2023-2024	900,000	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.**

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.

Complete questions 11 and 12 for Fixed Capital Outlay Projects

11. Status of Construction

a. What is the current phase of the project?

- Planning
 Design
 Construction

b. Is the project "shovel ready" (i.e permitted)?

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

12. List 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.

13. 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	Accounting and administrative costs per MOU with fiscal agent.	45,000
Operational Costs: Other		
Salary and Benefits	A Program Supervisor will be appointed to the Tampa Bay STEM Network upon funding approval. This role will include event and program planning, vetting applications, and oversight of all educational projects/initiatives in collaboration with educational programs in the Network and at Kennedy Space Center.	120,000
Expense/Equipment/Travel/Supplies/Other	Transportation of students, program coordinators, and chaperones on program visits to KSC. Facility rental space at the KSC will be required to host participating students and educators for programs. Admission to the KSC Visitor Complex will be provided in kind by program partners. Expenses include procuring educational hardware/software for hands-on activities. Teacher PD stipends.	500,000
Consultants/Contracted Services/Study	Consulting partners will develop appropriate STEM curriculum; provide hands-on experimental hardware and/or software (e.g., equipment for engineering design challenges, water rocketry, weather balloons, robotics); secure facility space at Kennedy Space Center for training and conferences; quantitatively & qualitatively measuring outcomes of program deliverables completed at Kennedy Space Center.	235,000
Fixed Capital Construction/Major Renovation:		



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Construction/Renovation/Land/ Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		900,000

14. Program Performance

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

This program's goal is to inspire and encourage FL youth to pursue careers in Science, Technology, Engineering, and Math by creating a pipeline to the aerospace industry at Kennedy Space Center. Participating districts will engage in educational initiatives, including hands-on workshops (i.e., engineering design, water rocketry, balloon launching, robotics), data collection/analysis and educator PD. Districts will procure hardware/software for educators to implement in sequential school years.

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

Activities: creation of updated STEM/space curriculum by program requester and program partners; collaboration with program partners on transportation of students and educators to the Space Coast; hands-on activities for students for exposure to curriculum; hands-on content for educator professional development.
 Services: transportation, educational initiatives, training, professional development

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

Students will be given transportation to and access to the KSC Visitor Complex, the Center for Space Education and other educational facilities; students will engage in hands-on educational programming with subject matter experts and certified educators. Educators will be given transportation to and stipend for educational professional development, and classroom hardware/software.

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

Economically disadvantaged youth, at-risk youth, educators, grade school students, high school students, university/college students. 800-1000 individuals will be impacted.

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

The aerospace industry is an important piece of Florida's culture, society, and economy. There are students within the state that do not know what the space program is or what it does. For Florida to continue thriving as a major center for space operations, it is crucial that student interest in STEM/space studies and careers increases by at least 10-20% annually in the target region. 100% of students exposed to this program should understand the following: a brief history of the US space program, the purpose of the current space program, Artemis I and its history, fundamentals in STEM (incl. physics, basic maths, basic engineering design). Increase exposure to the Kennedy Space Center Visitor Complex for students and educators from Tampa Bay STEM Network (Lee, Charlotte, Manatee, Sarasota, Polk, Pinellas, Pasco, Hernando, Hillsborough).

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?

Failing to meet deliverables or performance measures established by the agency may result in a reduction of future funding or denial thereof.

15. Requester Contact Information

a. First Name **Last Name**

b. Organization

c. E-mail Address

d. Phone Number **Ext.**

16. Recipient Contact Information



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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

17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number