

LFIR # 2677

1. Project Title STEM Education Program at the Grand Avenue Center

2. Senate Sponsor Randolph Bracy

3. Date of Request 01/26/2022

4. Project/Program Description

In partnership with the City of Orlando's Grand Avenue Community Center, Orlando Science Center (OSC) will deliver STEM education programming to help prepare students with the STEM knowledge and 21st century skills needed for success in school, work, and life. Our STEM content aligns with state standards, live-demonstrations, science literacy lessons, and career connections with STEM industry leaders for students. For this project, OSC will deliver a 2 for 1 match in funds.

5. State Agency to receive requested funds

Department of Education

State Agency contacted? No

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

Type of Funding	Amount
Operations	417,000
Fixed Capital Outlay	0
Total State Funds Requested	417,000

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)	417,000	60%	
Matching Funds			
Federal	260,000	38%	
State (excluding the amount of this request)	0	0%	
Local	0	0%	
Other	12,360	2%	
Total Project Costs for Fiscal Year 2022-2023	689,360	100%	

8. Has this project previously received state funding? No

Fiscal Year	Amo	ount	Specific	Vetoed	
(уууу-уу)	Recurring	Nonrecurring	Appropriation #		

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?

No

No



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

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	OSC president & CEO, VP of Education, and VP of visitor experience will conduct oversight, develop curricula, and provide program management for the project.	66,000
Other Salary and Benefits	Indirect costs at the standard rate of 10%	37,820
Expense/Equipment/Travel/Supplies/ Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits	Salaries and benefits for a director of exhibits, an exhibit fabrication specialist, a director of education initiatives, and 2 educator specialists to design, prototype, deliver, and collect data for programming.	137,000
Expense/Equipment/Travel/Supplies/ Other	Program equipment, supplies and travel.	113,780
Consultants/Contracted Services/Study	Contracted program evaluator to conduct front-end and formative evaluation.	62,400
Fixed Capital Construction/Majo	r Renovation:	
Construction/Renovation/Land/ Planning Engineering		0
Total State Funds Requested (m	ust equal total from question #6)	417,000

12. Program Performance

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

In partnership with the City of Orlando's Grand Avenue Community Center, Orlando Science Center (OSC) will deliver STEM education programming to help prepare students with the STEM knowledge and 21st century skills needed for success in school, work, and life. Our STEM content aligns with state standards, live-demonstrations, science literacy lessons, and career connections with STEM industry leaders for students. For this project, OSC will deliver a 2 for 1 match in funds.

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

Orlando Science Center will provide hands-on, engaging STEM programs to the Grand Avenue Community Center.

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

The STEM Education Program at Grand Ave will provide youth educational STEM experiences that are aligned with state standards combined with live demonstrations, exhibit tours, science literacy lessons, and career connections with STEM industry leaders. OSC's STEM programs help youth connect STEM to real world scenarios.

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

At-risk youth, grade school students, high schools.

201-400.

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



Improve quality of education. Youth from the Grand Avenue will receive enriching STEM programs during the year which will increase their STEM knowledge and bolster their 21st century skills needed for success. OSC staff will assess students participating in the STEM education program at the Grand Avenue Center. OSC will issue pre- and post-surveys to students to assess improvements in STEM content knowledge, 21st century skills, and understanding of STEM careers and related pathways as well as the total students served through the program.

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?

OSC will furnish reports to describe the project progress during the period of performance. Any unused funds will be returned to the State of Florida.

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.

Orlando Science Center



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14. Requestor Contact Information

	a. First Name	JoAnn		Last Name	Newman		
	b. Organization	Orlando Science Center					
	c. E-mail Address	jnewman@osc.org					
	d. Phone Number	(407)514	-2024	Ext.			
15.	15. Recipient Contact Information						
	a. Organization	Orlando S	Science Center				
	b. Municipality and	County Orange					
	c. Organization Type						
	□For Profit Entity						
	⊠Non Profit 501(c)(3)					
	□Non Profit 501(c	:)(4)					
	□Local Entity						
	□University or Co	llege					
	□Other (please sp	pecify)					
	d. First Name	JoAnn		Last Name	Newman		
	e. E-mail Address	jnewman@osc.org					
	f. Phone Number	ber (407)514-2024					
16.	16. Lobbyist Contact Information						
	a. Name	George Oscar Anderson					
	b. Firm Name	The Southern Group					
	c. E-mail Address	anderson@thesoutherngroup.com					

d. Phone Number (850)671-4401