



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2023-2024

LFIR # 2752

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

This appropriations request is for establishment of an aerospace and defense training hub capable of providing immediate ad-hoc short term and long term training the Florida state college system is currently unable to provide. These immediate services, including apprenticeships and industry certifications, will accommodate Industry 4.0 training needs for SCCAP advanced manufacturing employers in the local commercial space, aerospace, aviation, marine and defense industries. The training hub will provide local residents seeking meaningful employment, such as the under-served, high school and college students soon to enter the workforce, company employees seeking to up-skill, and exiting military pathways to highly technical, lucrative jobs through Industry 4.0 skills training in Advanced Machining, Additive Manufacturing, Fiber Composites, Aerospace Welding and Aerospace IT Cybersecurity.

5. State Agency to receive requested funds

State Agency contacted? Yes

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

Type of Funding	Amount
Operations	796,600
Fixed Capital Outlay	703,400
Total State Funds Requested	1,500,000

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)	1,500,000	29%
Matching Funds		
Federal	3,000,000	58%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	700,000	13%
Total Project Costs for Fiscal Year 2023-2024	5,200,000	100%

8. Has this project previously received state funding? No

Fiscal Year (YYYY-YY)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. Is future funding likely to be requested? Yes

a. If yes, indicate nonrecurring amount per year.

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

None have been identified.

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



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Yes

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

SpaceTEC Partners Inc. received \$19,123 in Payroll Protection Program (PPP) funds in July 2021. The funds supplemented payroll.

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.

Beyond Gravity, a founding member of the SCCAP and owner of a manufacturing facility at 7700 S. US 1 in Titusville, FL, supports this initiative and is offering 22,000 sq. ft. of space for equipment and offices because of the critical need for a workforce skilled in Industry 4.0 advanced manufacturing on the space coast. SCCAP is a subcommittee of 501(c)(3) non profit SpaceTEC Partners, Inc. The SCCAP Executive Committee will oversee the operation of the Aerospace and Defense Training Center Hub

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	SpaceTEC Executive Director will fulfill this role @\$25,000 per year.	25,000
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Training supplies and contingencies @\$62,000; travel expenses @\$10,000.	72,000
Consultants/Contracted Services/Study	Industry Liaison Consultant @\$80,000; per year; Industry 4.0 Education Liaison @\$80,000 per year; Marketing @ \$5,600 per year.	216,000
Operational Costs: Other		
Salary and Benefits	SpaceTEC SCCAP Industry 4.0 Skills Apprenticeship Program Manager salary @\$45,000 per year.	45,000
Expense/Equipment/Travel/Supplies/Other	Time and travel expenses and course registrations for instructors (train-the-trainer) @\$75,000 per year.	75,000
Consultants/Contracted Services/Study	SCCAP Industry 4.0 Chief Instructor @\$80,000 per year; Industry 4.0 qualified instructors for each occupation: Mechatronics, Advanced Machining, Fiber Composites, Aerospace Welding, Additive Manufacturing, Aerospace IT Cybersecurity @\$60,000 ea. per year ; Web/IT Services @\$3,600 per year.	363,600
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Lease, renovation, equipment installations.	703,400
Total State Funds Requested (must equal total from question #6)		1,500,000



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14. Program Performance

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

Appropriations will cover staffing needs to run the program and for hiring industry competent instructors to address immediate, urgent workforce needs of Space Coast advanced manufacturing commercial space, aerospace and defense employers by establishing an Aerospace and Defense Training Center hub capable of teaching Industry 4.0 advanced manufacturing, thereby infusing local workforce talent pools with globally competitive Industry 4,0 skills.

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

Establishment of an aerospace and defense training hub capable of providing immediate ad-hoc short term and long term training the Florida state college system is currently unable to provide. These immediate services, including apprenticeships and industry certifications, will accommodate Industry 4.0 training needs for SCCAP advanced manufacturing employers in the local commercial space, aerospace, aviation, marine and defense industries.

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

Aerospace and Defense Training Center hubs will provide anyone seeking meaningful employment with pathways to highly technical, lucrative jobs through Industry 4.0 skills training based on European benchmark standards in Advanced Machining, Additive Manufacturing, Advanced Manufacturing Fiber Composites, Aerospace Welding and Aerospace IT Cybersecurity.

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

This project will serve local underemployed and/or under-served residents, those leaving high school seeking to enter the workforce, those in Adult Ed, college students, incumbent workers in manufacturing, personnel leaving military service, veterans, and current job seekers by providing training in Industry 4.0 skills w high school and/or college students , incumbent workers seeking up-skilling opportunities, and exiting service-members the opportunity to learn world-class skills and earn industry-recognized credentials. The training hub expects to serve 800 or more students/incumbent workers per year when at capacity.

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

Increasing the Space Coast workforce talent pool with more industry 4.0 qualified technicians will make the Space Coast region an even more desirable location to all advanced manufacturing companies. Industry certifications and certificates of completion in all applicable world benchmark standard Industry 4.0 skills is a measure of employee competency, thereby ensuring the necessary skills to succeed in highly advanced technical positions required if Space Coast Commercial Space, Aerospace, Defense and Military employers are to become (or remain) globally competitive. The Aerospace and Defense Training Center hub will improve local manufacturing, company profitability and bring additional economic prosperity to the Space Coast region. Outcome will be measured by local company and apprenticeship participation and student success rates earning training certificates and industry-recognized certifications.

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?

Appropriations request is for \$1.5 M in fiscal year 1023-24 and \$1.5M recurring in 2024-25. If milestones are not met in year 1, future year funds are not to be released until milestones for year 1 are met.

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