



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1488

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The new career and technical education facility will be constructed within the heart of "The Corridor" for Florida's high-tech career training needs. This new facility will offer specialized training, industry certifications, micro-credentials, and badging opportunities in the high-need, high-demand, aerospace-related career pathways, and related technically skilled careers. The facility will support more than 300 new students annually with flexible workforce training, designed to meet the fluid hiring needs of industry and continued up-skilling of current staff. Orange Technical College (OTC) will focus on jobs and related career fields while also offering new and continued training in: specialized welding, mechatronics, advanced computer numeric controlled machining, fiber optics, fiber composite materials, NDE (non-destructive evaluation), additive manufacturing, and tube fabrication. OTC is providing a parcel of land for this project with easy access for all students.

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	5,000,000
Fixed Capital Outlay	9,500,000
Total State Funds Requested	14,500,000

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)	14,500,000	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 2022-2023	14,500,000	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.



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None. This funding is being exclusively requested for a State of Florida asset needed to provide critical state public services. The SpaceTECH Innovation Center (STIC) will be a specialized educational facility located on the Orange Technical College Property serving the high-tech corridor of Central Florida

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

Yes

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

Orange County Public Schools received \$12,000,000 HEERF, I, II, and III. These funds were used for students in the form of emergency financial aid grants, to reimburse students for expenses resulting from the pandemic, to continue career certification progress, Cares Act, GEER BLDG K-12CTE Infrastructure \$412,550, and Cares Act GEER Rapid Credentialing \$999,512.

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		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Equipment, Supplies, and Travel related to the course(s)	5,000,000
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Construction of a new building on Orange Technical College Avalon Campus	9,500,000
Total State Funds Requested (must equal total from question #6)		14,500,000

12. Program Performance

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

The objective of the SpaceTECH Innovation Center (STIC) is to provide State-of-the-art, Aerospace industry training and their related career fields, which will support the high technology needs and operations of businesses located in the Central Florida Area, an important high-tech corridor of Florida. The catalyst driving this new training program is the high demand for Skilled Aerospace related fields of training in an aging career pathway in critical need of replacement personnel. The need for this Capital Improvement Plan was requested by area businesses, primarily in the aerospace and technology sectors, that are experiencing tremendous expansion and critical shortages of skilled labor in Central Florida. These businesses have expressed concern that they are still having difficulties meeting production demands and need new and ongoing technical training to support the expanding requests for their products and services.

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



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The demand for support technicians in the Aerospace industry is high and continues to grow. The need for these technicians is so critical that many businesses are looking outside Florida and importing employees to fill positions. With the addition of the SpaceTECH Innovation Center (STIC), Orange Technical College will be able to support the ongoing training needs of the Aerospace Industry. The challenges to providing technicians are our top priority, ensuring high-tech industries have an active pipeline of employees and continued training opportunities to enhance their cadre of current employees. Florida has a national presence in aerospace manufacturing and leads the way with innovation and education to support it. We need to continue to invest in this advantage to attract future industry and maintain our current edge for our workforce present and future.

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

C. The training provided at the SpaceTECH Innovation Center (STIC) is vitally important to the success of area employers, The Orlando Economic Partnership, to include The Orlando Regional Chamber, paying close attention to those in the aerospace and manufacturing sectors. These sectors are prominently featured in the State's Gap Analysis/Areas of Strategic Emphasis Report. These areas also meet local workforce needs as defined by the US Bureau Labor Statistic for Central Florida and surrounding Counties. This data indicates an annual need for more than 2000 new and additional employees every year, including more than 300 new employees in aerospace and aircraft maintenance, and growing at a 9% rate meeting the demands of the aging out population, and new careers due to expansion of products and services.

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

The SpaceTECH Educational Center (STEC) will serve an additional 300 new students its first year, all of whom will be studying the science/technology skills needed to satisfy immediate demands from the ever expanding aerospace industry. Students completing this training will field multiple offers for high paying in demand, career positions from the country's top aerospace employers. The availability of Micro Credentials and Industry badging certificates will lead to immediate employment, and advancement. Orange Technical College understands the need for a robust outreach program to serve the needs of underrepresented populations and makes every effort to recruit, enroll, and retain these students.

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

SpaceTECH Innovation Center (STIC) will build extensive partnerships with organizations such as; Lockheed Martin, Northrup Grumman, NASA, L3, Harris Corporation, United Airlines, Cessna, Frontier Airlines, Southwest Airlines, Embraer, SpaceX, Moog Inc., Concord Aerospace, Collins Aerospace, JBT Aerotech, Blue Origin and many others. There are over 600 aerospace-related manufacturers in Florida, many of which have expressed interest and given feedback for this project. The main priority of the SpaceTECH Innovation Center (STIC) is to provide the education and training our students to need and to promote our students to our business partners with internships and career opportunities, which will serve the needs of both our students and businesses who have a life long in-demand high paying career field

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?

Orange County School District and Orange Technical College understands, the State always possesses the option to repay, or decrease operational funding or demand closure or restructuring of programs if not in the best interests of its citizens.

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.

This project consists of a new capital facility designed to serve students by better preparing them for the high-tech employment career fields. This facility once constructed will be an asset of the State of Florida. No private individual will have any or all ownership in this public property.



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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