

LFIR # 1266

1. Project Title	Advanced Manufacturing Edulab Development
1. Project little	Advanced Manufacturing Edulab Development

2. Senate Sponsor Tom Wright

3. Date of Request	11/15/2023
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4. Project/Program Description

AMI, in partnership with Daytona State College, will continue efforts to establish Industry 4.0 learning pathways for traditional and non-traditional learners that prepare them to meet the workforce challenges of the regional manufacturing community. The project team will continue to develop and mature a hands-on learning environment tailored to elevate the skills and competencies of the students to meet today's manufacturing needs and prepare them for the needs of tomorrow. This will include a continued advancement in the advanced welding programs currently being developed. This program falls in line with the National Imperative related to ship building that is currently funded through the Department of the Navy

5. State Agency to receive requested funds

Department of Commerce

State Agency contacted? Yes

6. Amount of the Nonrecurring Request for Fiscal Year 2024-2025

Type of Funding	Amount
Operations	2,000,000
Fixed Capital Outlay	0
Total State Funds Requested	2,000,000

7. Total Project Cost for Fiscal Year 2024-2025 (including matching funds available for this project)

Type of Funding	Amount	Percentage	
Total State Funds Requested (from question #6)	2,000,000	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 2024-2025	2,000,000	100%	

8. Has this project previously received state funding? No

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

9. Is future funding likely to be requested?

No

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



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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?

O Planning

Construction

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

🔘 Design

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.

📀 N/A

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	Project will be managed and led by the AMI team which has a proven record of delivering results within the Education and Workforce Development arenas.	200,000
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/ Other	On site travel as needed to ensure project excellence.	20,000
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/ Other	Equipment will be identified through workshop process. This process will identify the equipment and supplies that enhance the learning environment for the selected technologies. IT is intended that this effort will build on the efforts from Phase I to deliver solutions that provide the best opportunities for the learners.	1,230,000
Consultants/Contracted Services/Study	Contracted The development and/or acquisition of curriculum is necessary to	
Fixed Capital Construction/Majo	r Renovation:	
Construction/Renovation/Land/ Planning Engineering		0
Total State Funds Requested (m	ust equal total from question #6)	2,000,000

14. Program Performance

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



AMI, in partnership with Daytona State College, will mature Industry 4.0 learning pathways for traditional and nontraditional learners that exist at Daytona State. The project team will mature and deploy the hands-on learning environment tailored to elevate the skills and competencies of the students to meet today's manufacturing needs and prepare them for the needs of tomorrow. In addition, the funding is intended to support the development and execution of micro-learning and boot camp initiatives designed for the non-traditional student population, including students within the K to 12 cohort.

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

Funds will be used for the purchase and deployment of technology, software, and equipment necessary for the learning environment as well as the identification/creation of corresponding curricula. Other activities include partner recruitment, regional engagement, regional market study and assessment of regional manufacturing industry needs for skilled workforce. Student outreach and recruitment/retention will be initiated in addition to instructor recruitment and training. This program will work within the recommendations of FLATE and the FAME program that currently exists at Daytona State College.

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

It is intended that this funding pool will be used to support and partially underwrite camps and learning sessions for high school students and other populations. The learning sessions will be tied to industry recognized credentials, when appropriate, that would immediately allow the learner to represent themselves as proficient within the defined subject area.

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

The target audience will come from both traditional and non-traditional student populations including undeserved communities and incumbent worker up-skilling. This adaptable program will promote micro-learning, credentialing, and conventional learning modules that can be delivered in both on-site and hybrid learning modalities.

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

be measured?

Manufacturing wages and benefits are, on average, 21% higher than those in non-manufacturing jobs - with many not requiring a 4-year degree. Over 380,000 Floridians are employed in manufacturing with an average wage of \$61,735 – significantly above the state average. Maturing the existing training programs to better serve the student population will allow them to compete for the jobs of tomorrow. Those jobs are here now with the announcement of the new Build Submarines Initiative. This program will naturally locate where the workforce exists.

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?

Penalties for failing to meet performance expectations shall include delay in invoice processing.

15. Requester Contact Information

a. First Name	Joe	Last Name	Veranese
b. Organization	AMI		
c. E-mail Address	joe.veranese@advmfg.org	g	
d. Phone Number	(724)464-9394	Ext.	

16. Recipient Contact Information

a. Organization AMI

b. Municipality and County Volusia

c. Organization Type



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□For Profit Entity				
☑Non Profit 501(c	☑Non Profit 501(c)(3)			
□Non Profit 501(c	□Non Profit 501(c)(4)			
Local Entity	□Local Entity			
□University or Co	□University or College			
□Other (please specify)				
d. First Name	Joe	Last Name	Veranese	
e. E-mail Address	joe.veranese@advmfg.org	g		
f. Phone Number	(724)464-9394			
17. Lobbyist Contact Information				
a. Name	James C. (Clark) Smith			
b. Firm Name	The Southern Group			
c. E-mail Address	csmith@thesoutherngrou	p.com		
d. Phone Number	(850)671-4401			