



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 3371

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Imec USA would acquire new equipment for testing of cryogenic logic and advanced RF technologies at its NeoCity location. This will expand imec's Florida operations and bring new technology to NeoCity from imec's Belgium headquarters. Cryogenic logic and advanced RF technologies are essential for developing and deploying high-performance computing and secure communication systems for defense, aerospace and commercial applications.

5. State Agency to receive requested funds

State Agency contacted?

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

Type of Funding	Amount
Operations	3,000,000
Fixed Capital Outlay	0
Total State Funds Requested	3,000,000

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)	3,000,000	15%
Matching Funds		
Federal	14,700,000	77%
State (excluding the amount of this request)	0	0%
Local	1,500,000	8%
Other	0	0%
Total Project Costs for Fiscal Year 2024-2025	19,200,000	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?

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



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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
 N/A

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		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Cryostat; Test benches and equipment; Ovens, humidity chambers, pressure chambers, temp cycling equipment; Keysight Vector Network Analyzer; Extender W-Band (75-110 GHz); DC Power Supplies; DC/RF Probes for Multiple Bands; RF Instrumentation	3,000,000
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		3,000,000

14. Program Performance

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

Funds will purchase metrology, characterization and reliability equipment to support new technology development at NeoCity. The advanced technologies developed at imec will help attract more companies and their supply chains to the region, leveraging the expertise and facilities at the NeoCity complex and supporting its mission to become a world-class center for nanoelectronics and digital innovation to the benefit of Osceola County and the state of Florida. This project will create new high-tech jobs, stimulate research and development, foster education and training, and enhance the competitiveness and reputation of the region as a hub for cutting-edge technologies.



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

Funds will purchase metrology, characterization and reliability equipment to support new technology development at the Advanced Packaging facility at NeoCity. The equipment will allow for (a) evaluation of device and circuit performance, (b) establishment of a reliability testing capability for semiconductors and (c) evaluation of high frequency communication performance.

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

None.

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

The project expands technological capacity and capabilities at NeoCity, serving local residents who are training to join the emerging semiconductor industry in Florida, and residents who have the potential to upskill into jobs created within the semiconductor industry through this funding.

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

Funding this project would allow Central Florida to establish a world class facility with the advanced capabilities needed to ensure the specialized semiconductor packaging needs of the aerospace and defense industries are met. The number of new technologies developed and deployed for aerospace and defense industries is a metric of success. This project will provide both professional and installation labor opportunities, including engineering and technician support. imec will work with regional economic development partners to collect and validate data.

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?

Return of funds.

15. Requester Contact Information

a. First Name **Last Name**

b. Organization

c. E-mail Address

d. Phone Number **Ext.**

16. 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



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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