



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 2179

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. **Project/Program Description**

Florida has been faced with the challenge of diversifying its economy for years and must continue to focus on creating high-skill, high-wage jobs that diversify our economy and foster innovation. BRIDG is a not-for-profit, public-private partnership created to be a catalyst for economic development, providing the infrastructure for development and low-volume production of microelectronic chips that supports US-based manufacturing. BRIDG serves as a conduit to match industry needs with university and government lab research, providing a path to commercialization of research that allows academic partners to be globally competitive for an expanded range of research activities and attract world class talent. BRIDG also has partnerships in place with educational institutions across the region to inspire and strengthen STEM pipeline, as well as provide future opportunities for graduates in manufacturing development and research activities for sensors and related microelectronics.

5. **State Agency to receive requested funds**
- State Agency contacted? Yes No

6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	<input style="width: 80%;" type="text" value="10,000,000"/>
Fixed Capital Outlay	<input style="width: 80%;" type="text" value="000"/>
Total State Funds Requested	10,000,000

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	<input style="width: 80%;" type="text" value="10000000"/>	<input style="width: 80%;" type="text" value="100.0"/> %
Matching Funds		
Federal	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
State (excluding the amount of this request)	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Local	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Other	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Total Project Costs for Fiscal Year 2020-2021	10,000,000	100 %

8. **Has this project previously received state funding?** Yes No
- If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
<input style="width: 80%;" type="text" value="2019-20"/>	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="6,000,000"/>	<input style="width: 80%;" type="text" value="2322B"/>	<input type="checkbox"/> Yes

9. **Is future-year funding likely to be requested?** Yes No
- If yes, indicate nonrecurring amount per year.



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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		<input type="text"/>
Other Salary and Benefits		<input type="text"/>
Expense/Equipment/Travel/Supplies/Other		<input type="text"/>
Consultants/Contracted Services/Study		<input type="text"/>
Operational Costs: Other		
Salary and Benefits		<input type="text"/>
Expense/Equipment/Travel/Supplies/Other	Support expenses related to the operations of complex tools and equipment used for microelectronics manufacturing development to increase capabilities of BRIDG. This includes tools operation/maintenance, utilities, cleanroom ramp up, IT services, business development, and marketing to position BRIDG for long term sustainable revenue generation.	10,000,000
Consultants/Contracted Services/Study		<input type="text"/>
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		<input type="text"/>
Total State Funds Requested (must equal total from question #6)		10,000,000



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11. Program Performance

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

Support the operations and ramp up of BRIDG (501c6) microelectronics manufacturing development and research activities that help catalyze high-skill, high-wage jobs creation, diversify our economy, foster innovation, and support US-based manufacturing.

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

Provide the infrastructure for development, research, and low-volume production of microelectronic chips and sensors that supports US-based manufacturing and serves as a catalyst for continued economic development and diversification. BRIDG also supports STEM-focused workforce development by providing internships for students across Florida (FL Poly, Valencia, FSU, UCF) and partners with additional academic partners for microelectronics research internships nationally.

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

Diversify Florida's economy through advanced manufacturing and build the foundation to help create and increase high value jobs by 4,000-5,000 with the indirect impact projected to be 3-4 times that number over 10 years. Florida citizens will benefit by the creation of these high-tech and high-wage jobs. Additionally, new educational opportunities exist for students partnering with the industry affiliates expected to work alongside BRIDG, not the least of which being experiential learning and increased in-state job placement opportunities for Florida STEM graduates. New jobs are already emerging in companies across the state who are beginning to design next-generation systems that wouldn't be possible without the capabilities they are partnering with BRIDG to develop. BRIDG is recognized as filling critical gaps in the national security supply chain and keeping the U.S. economy strong.

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

Target population includes the central Florida 23-county high tech corridor, State of Florida, and nation as BRIDG strengthens US-based domestic manufacturing capabilities for our country. BRIDG works with targeted industries (cybersecurity, defense, aerospace, and space) as initial deployment of capabilities that are expected to evolve to include medical, autonomous vehicles, agriculture, and more. Current users of the facility include BRIDG, imec USA, Florida Polytechnic University, L3Harris Corporation, Massey Services, Siemens, TEL, Radiance, UCF, US Dept. of Defense, and others. These entities sign contracts with BRIDG to perform research, produce microelectronic devices, or develop new semiconductor tools. BRIDG also provides ability for state universities to advance capabilities such as cybersecurity research to market. This is an economic development initiative that serves as a catalyst to create 4,000-5,000 direct and 12,000-20,000 indirect jobs in Florida over 10 years.

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: Provide STEM-focused educational opportunities for students partnering with the industry affiliates expected to work alongside BRIDG, not the least of which being experiential learning and increased in-state job placement opportunities for Florida graduates. Method for measuring outcome: Surveys with BRIDG and the schools that partner with BRIDG for student engagement (internships, field trips, mentoring programs, etc.).

Increase or improve economic activity: 4,000-5,000 direct and 12,000-20,000 indirect jobs created over 10 years in Florida. Method for measuring outcome: Surveys with BRIDG and companies that establish operations in Florida to collaborate with BRIDG.

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 in the contract?

Osceola County agrees to guarantee state funds via re-payment in accordance with a time performance schedule outlined by the department if the department determines that BRIDG has not met deliverables or performance measures.



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12. **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. **Requestor Contact Information**

- a. First Name Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number Ext.

14. **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

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number Ext.