



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2022-2023

LFIR # 2466

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

FSU is requesting \$8,310,017 for the critical equipment that supplies electrical power to the National MagLab's FSU site, now more than 28 years old and at the end of its lifetime. This affects the reliability of the electrical power to the lab, putting at risk the safety of the lab's personnel and tens of millions of dollars of highly specialized equipment.

5. **State Agency to receive requested funds**

**State Agency contacted?**  Yes

6. **Amount of the Nonrecurring Request for Fiscal Year 2022-2023**

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	8,310,017
<b>Total State Funds Requested</b>	<b>8,310,017</b>

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)	8,310,017	100%
<b>Matching Funds</b>		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
<b>Total Project Costs for Fiscal Year 2022-2023</b>	<b>8,310,017</b>	<b>100%</b>

8. **Has this project previously received state funding?**  Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2021-22	0	7,510,000	sec 152	No

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?**

Yes

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



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2022-2023

LFIR # 2466

Florida State University received Higher Education Emergency Relief Funding (HEERF). These funds were provided by the federal government to directly support students facing urgent needs related to the COVID-19 pandemic, therefore, FSU used these funds to provide students with emergency financial aid grants and housing assistance.

**11. Details on how the requested state funds will be expended**

Spending Category	Description	Amount
<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Operational Costs: Other</b>		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	Replacement of the main National MagLab switch gear with modern-day equipment that is operationally highly-reliable, increases personnel safety; Replacement of the existing power quality balancing infrastructure (capacitor bank); Replacement of the laboratory's 1992 diesel powered back-up generator with a natural gas powered generator; and upgrade the laboratory's networking infrastructure to enhance the speed, security and reliability of the computer network.	8,310,017
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>8,310,017</b>

**12. Program Performance**

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

The upgrade of the National MagLab's main electrical gear needs to achieve reliable and safe operations that will support the future increased electrical power demands.

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

The National MagLab's dominance in the realm of high magnetic field research is largely based on the unique capability to operate several world-record, highfield magnets at the FSU-based Tallahassee site. This critical equipment will allow for the continuous growth of research and scientific expansion funded by our primary funder, the National Science Foundation.

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

In addition to being a world leader in high magnetic field research, the National MagLab is a huge economic driver for the state, yielding \$325 million in economic activity each year for Florida. A recent study by the Center for Economic Forecasting and Analysis indicates that for every dollar of state money invested in the National MagLab, \$6.44 is generated in economic activity. The National MagLab is partnering with the Tallahassee Office of Economic Vitality to attract business to Florida via its campaign to establish Tallahassee as the "Magnetic Capital of the World."

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



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2022-2023

LFIR # 2466

This laboratory is of State and National interest. The National High Magnetic Field Laboratory (National MagLab) is the only lab of its kind in the United States and is the largest and highest powered magnet laboratory in the world. Headquartered at Florida State University (FSU) with sites at the University of Florida (UF) and Los Alamos National Laboratory, the National MagLab hosts 2,000 scientists from across the globe each year who leverage the power of high-field magnets to make discoveries today that will lead to the technologies of tomorrow.

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

With reliable infrastructure, economists estimate that over the next 20 years, that the National MagLab will generate \$6.5 billion in economic output in Florida while generating nearly 54,000 jobs. Funding this electrical infrastructure upgrade positions the National MagLab to be more successful in future funding proposals from the NSF and other federal agencies, which would bring even more money and jobs to our state.

**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 appropriated funds.

**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.**

The FSU MagLab is a state building. The owner is a state university.



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2022-2023

LFIR # 2466

#### 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