

Appropriations Project Request - Fiscal Year 2018-19

For projects meeting the Definition of House Rule 5.14

1. Title of Project: FSU - Center for Advanced Power Systems Expansion and Diversification

2. Date of Submission: 11/14/2017

3. House Member Sponsor: Clay Ingram

Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- Has funding been provided in a previous state budget for this activity? No
If answer to 4a is ?No? skip 4b and 4c and proceed to 4d, Col. E
- What is the most recent fiscal year the project was funded?
- Were the funds provided in the most recent fiscal year subsequently vetoed?
- Complete the following Project Request Worksheet to develop your request:

FY:	Input Prior Year Appropriation for this project for FY 2017-18 <i>(If appropriated in 2017-18 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2018-19 <i>(Requests for additional RECURRING funds are prohibited.)</i>		
	Column: A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated <i>(Recurring plus Nonrecurring: column A + column B)</i>	Recurring Base Budget <i>(Will equal non- vetoed amounts provided in Column A)</i>	Additional Nonrecurring Request	TOTAL Nonrecurring plus Recurring Base Funds <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:					1,230,000	1,230,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2018-19? Yes

5a. If yes, which state agency? Department of Education

5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested?

5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? Yes

5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

Termination of employees, return of equipment

6. Requester:

- a. Name: Roger McGinnis
- b. Organization: Florida State University
- c. Email: mcginnis@caps.fsu.edu
- d. Phone #: (850)645-1183

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Roger McGinnis
- b. Organization: Florida State University
- c. Email: mcginnis@caps.fsu.edu
- d. Phone #: (850)645-1183

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: President John
- b. Firm: Florida State University
- c. Email: kmears@fsu.edu
- d. Phone #: (850)251-4466

9. Organization or Name of entity receiving funds:

- a. Name: Florida State University
- b. County (County where funds are to be expended): Leon
- c. Service Area (Counties being served by the service(s) provided with funding): Statewide

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government
- University or College
- Other (Please describe)

11. What is the specific purpose or goal that will be achieved by the funds being requested?

Augment existing facilities and equipment to enhance the centers' competitiveness in securing Federal and Private sector funding in research areas related to the electric grid modernization and security

12. Provide specific details on how funds will be spent. (Select all that apply)

Spending Category	Description	Nonrecurring (Should equal 4d, Col. E) Enter ?? if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> b. Other Salary and Benefits		
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input checked="" type="checkbox"/> e. Salaries and Benefits	One senior level PM with experience in utilities to lead new research area, and one junior operator.	330,000
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Augmentation and upgrading of equipment to allow us to prove out sensor systems and control systems of thousands of sensor nodes including: Digital Simulation Systems and software, new power and energy control devices, utility grade Systems control and data acquisition, SCADA devices.	900,000
<input type="checkbox"/> g. Consultants/Contracted Services/Study		

Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		
TOTAL		1,230,000

13. For the Fixed Capital Costs requested with this issue (In Question 12, category ?h. Fixed Capital Outlay? was selected), what type of ownership will the facility be under when complete? (Select one correct option)

N/A

14. Is the project request an information technology project?

No

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

Project presented to the Board of Governors in 2016 and 2017

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

No

17. Will the requested funds be used directly for services to citizens?

Yes

17a. What are the activities and services that will be provided to meet the purpose of the funds?

Academic setting

17b. Describe the direct services to be provided to the citizens by the funding requested.

Research and education opportunities for Florida State University students. By product of research will also benefit the safety and security of Floridians.

17c. Describe the target population to be served (i.e., "the majority of the funds requested will serve these target populations or groups.").

Select all that apply to the target population:

Elderly persons

- Persons with poor mental health
- Persons with poor physical health
- Jobless persons
- Economically disadvantaged persons
- At-risk youth
- Homeless
- Developmentally disabled
- Physically disabled
- Drug users (in health services)
- Preschool students
- Grade school students
- High school students
- University/college students
- Currently or formerly incarcerated persons
- Drug offenders (in criminal Justice)
- Victims of crime
- General (The majority of the funds will benefit no specific group)
- Other (Please describe)

17d. How many in the target population are expected to be served?

- < 25
- 25-50
- 51-100
- 101-200
- 201-400
- 401-800
- >800

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit
<input type="checkbox"/> Improve physical health		
<input type="checkbox"/> Improve mental health		

<input type="checkbox"/> Enrich cultural experience		
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input checked="" type="checkbox"/> Improve quality of education	Number of students conducting research in the electric grid and security area at FSU.	Increased course options for electrical engineering students, a new major area of specialization for the college of engineering, and increased research capability at the Center for Advanced Power Systems at FSU
<input type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality		
<input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)		
<input type="checkbox"/> Improve transportation conditions		
<input type="checkbox"/> Increase or improve economic activity		
<input type="checkbox"/> Increase tourism		
<input checked="" type="checkbox"/> Create specific immediate job opportunities	Number of employees hired under this effort	Will hire two people immediately. Will hire additional personnel in the future as this area of research at FSU grows.
<input type="checkbox"/> Enhance specific individual's economic self sufficiency		
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		
<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input type="checkbox"/> Improve wastewater management		

<input type="checkbox"/> Improve stormwater management		
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input type="checkbox"/> Improve surface water quality		
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2018-19 from all sources of funding (Enter ?0? if amount is zero):

Type of Funding	Amount	Percent of Total	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	1,230,000	100.0%	N/A
2. Federal:	0	0.0%	No
3. State: (Excluding the requested Total Amount in #4d, Column F)	0	0.0%	No
4. Local:	0	0.0%	No
5. Other:	0	0.0%	No
TOTAL	1,230,000	100%	

20. Is this a multi-year project requiring funding from the state for more than one year?

Yes

20a. How much state funding would be requested after 2018-19 over the next 5 years?

- <1M
- 1-3M
- >3-10M
- >10M

20b. How many additional years of state support do you expect to need for this project?

- 1 year
- 2 years
- 3 years
- 4 years
- >= 5 years

20c. What is the total project cost for all years including all federal, local, state, and any other funds? Select the single answer which best describes the total project cost. If funds requested are for ongoing services or for recurring activities, select ?ongoing activity?.

- ongoing activity ? no total cost
- <1M
- 1-3M
- >3-10M
- >10M