

Budget Detail Request - Fiscal Year 2016-17

Your request will not be officially submitted unless all questions and applicable sub parts are answered.

1. Title of Project: Bivens Arm Lake
2. Date of Submission: 12/15/2015
3. House Member Sponsor(s): W. Perry

4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? Yes
If answer to 4a is ?NO? skip 4b and 4c and proceed to 4d
- b. What is the most recent fiscal year the project was funded? > 5 years
- c. Were the funds provided in the most recent fiscal year subsequently vetoed? No
- d. Complete the following Project Request Worksheet to develop your request (Note that Column E will be the total of Recurring funds requested and Column F will be the total Nonrecurring funds requested, the sum of which is the Total of the Funds you are requesting in Column G):

FY:	Input Prior Year Appropriation for this project for FY 2015-16 (If appropriated in FY 2015-16 enter the appropriated amount, even if vetoed.)			Develop New Funds Request for FY 2016-17 (If no new Recurring or Nonrecurring funding is requested, enter zeros.)			
	Column: A	B	C	D	E	F	G
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated (Recurring plus Nonrecurring: Column A + Column B)	Recurring Base Budget (Will equal non-vetoed amounts provided in Column A)	INCREASED or NEW Recurring Requested	TOTAL Nonrecurring Requested (Nonrecurring is one time funding & must be re-requested every year)	Total Funds Requested Over Base Funding (Recurring plus Nonrecurring: Column E + Column F)
Input Amounts:					0	900,000	900,000

- e. New Nonrecurring Funding Requested for FY 16-17 will be used for:
- f. New Recurring Funding Requested for FY 16-17 will be used for:

5. Requester:

- a. Name: Mary Ann Gosa-Hooks
- b. Organization: UF/IFAS

- c. Email: mgosa@ufl.edu
- d. Phone #: (352)681-7259

6. Organization or Name of Entity Receiving Funds:

- a. Name: UF/IFAS
- b. County (County where funds are to be expended) Alachua
- c. Service Area (Counties being served by the service(s) provided with funding) Alachua, Lake

7. Write a project description that will serve as a stand-alone summary of the project for legislative review. The description should summarize the entire project's intended purpose, the purpose of the funds requested (if request is a sub-part of the entire project), and most importantly the detail on how the funds requested will be spent - for example how much will be spent on positions and associated salaries, specifics on capital costs, and detail of operational expenses. The summary must list what local, regional or statewide interests or areas are served. It should also document the need for the funds, the community support and expected results when applicable. Be sure to include the type and amount of services as well as the number of the specific target population that will be served (such as number of home health visits to X, # of elderly, # of school aged children to receive mentoring, # of violent crime victims to receive once a week counseling etc.)

Project Description: This project is to complete testing of a rapid de-watering treatment system of dredged sediments and development of an SOP for use by the Florida Department of Environmental Protection. Treatment of the dredged water is to permit immediate return to the dredged water body. This project was first conducted at Lake Apopka in 2010-2013, due to lack of funding, final testing was not completed.

Intended Purpose of Funds: These funds will be used to dredge Bivens Arm Lake, a lake close to the University of Florida, where testing can be done efficiently, for the purpose of providing needed organic sediments and then allow testing of parabolic wedge wire screening vertical geotubes and foam fractionation.

Funds spent: Approximately \$800,000 will be used to fund the dredge contractor and remaining funds will be used to fund University of Florida students who will complete the testing.

Areas of interest served: This project serves a statewide interest because there are many water bodies that can only be dredged with a small footprint dredging treatment train. At present, potential treatment trains cost slightly more per cubic yard of sediment than traditional dredging. If this project is successful, cost will be cut by approximately 2/3, making it extremely cost effective.

Community Support: Project has been advocated by the Harris Chain of Lakes Restoration Council and funded by the Florida Legislature in 2009. Project results will apply directly to the State of Florida's efforts to restore Lake Apopka.

8. Provide the total cost of the project for FY 2016-17 from all sources of funding:

- Federal: 0
- State: 900,000 (Excluding the requested Total Amount in #4d, Column G)
- Local: 0
- Other: 100,000

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

No