

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: SUS R/V Bellows Replacement
2. Date of Submission: 01/10/2016
3. House Member Sponsor(s): Kathleen Peters

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? 2015-16
- c. Were the funds provided in the most recent fiscal year subsequently vetoed? Yes
- 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	6,000,000	6,000,000		0	3,000,000	3,000,000

- e. New Nonrecurring Funding Requested for FY 16-17 will be used for:
 Operating Expenses Fixed Capital Construction Other one-time costs
- f. New Recurring Funding Requested for FY 16-17 will be used for:
 Operating Expenses Fixed Capital Construction Other one-time costs

5. Requester:

- a. Name: William Hogarth
- b. Organization: Florida Insitute of Oceanography
- c. Email: billhogarth@usf.edu
- d. Phone #: (727)553-3542

6. Organization or Name of Entity Receiving Funds:

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

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.)

The 46 year old R/V Bellows? one of FIO?s two major research vessels provides a unique platform for shallow water research that the R/V Weatherbird II cannot accomplish. The R/V Bellows will soon be decommissioned due to the mounting safety concerns for the thousands of researchers and students who utilize it each year. Since 2009, she has served over 5,500 undergraduate and graduate students across the State of Florida working along Florida?s estuaries and coastlines as a floating laboratory and plays a critical role transporting researchers from notable programs such as the Center for Prediction of Red Tides gathering data along Florida?s coast. This program assess, predicts and minimizes the effects of complex red tide formation and persistence in an effort to protect Florida?s citizens in areas of public health, tourism and boating industries.

With Florida?s economy largely based on tourism and agriculture, and with ever-growing coastal populations and associated development, it can be said that no aspect of Florida?s economic health goes untouched by Florida?s oceans. In 2012, oceaneconomics.org estimated over 500,000 jobs are being supported by ocean resources?Florida?s marine resources contributed approximately \$30 billion to the economy, much greater than citrus, cattle, ranching and space industry combined (\$14.5B). Since the 1990?s, FIO?s platforms have provided over 900 rising female freshmen an opportunity to experience hands-on field work through the Oceanography Camp for Girls program. Between 20-25% of the young women have pursued degrees in higher education related to STEM-focused disciplines. The SUS replacement vessel will allow FIO to continue engaging and providing certified teachers with marine science teaching techniques that keeps them current in emerging ocean research and technologies; providing K-12 certified teachers 40 days at sea and over 1,000 hours of practical skill sets working with various program scientists and graduate students; offering approximately 140 undergraduate courses and 16 graduate courses throughout the SUS institutions and will allow an estimated 800 undergraduate and graduate students yearly, the hands-on-training to become future marine scientists and join the

Florida workforce. In 2012, an FIO survey indicated over 3,000 SUS undergraduates have moved on to pursue a career in STEM-related degrees, and over 300 undergraduate students stay in Marine Science after graduation. Our goal is to have the vessel constructed in Florida, providing continuing employment and revenue to Florida's economy and shipbuilding industry. Replacing the R/V Bellows will contribute to Florida's ever growing shipbuilding and repairing industry which Florida accounts for 5.4% of the total Direct Employment in the U.S. private sector according to the MARAD economic study in 2012.

The total cost for this project is \$6.2 million. FIO, through a grant and its individual member institutions have secured 50% of the construction cost to help offset the construction costs of the vessel from state funds. The secured funding raised between the members and grant received from the City of St. Petersburg, Florida will reduce the amount of state PECO funding required.

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

Federal: 0

State: 0 (Excluding the requested Total Amount in #4d, Column G)

Local: 250,000

Other: 3,000,000

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

No