

Appropriations Project Request - Fiscal Year 2017-18

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Stetson University Water Conservation Chiller Plant

2. Date of Submission: 01/20/2017

3. House Member Sponsor: David Santiago

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
- 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 (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 2016-17 <i>(If appropriated in 2016-17 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2017-18 <i>(Requests for additional RECURRING funds are prohibited. Any additional Nonrecurring funding requested to supplement recurring funds in the base will result in the base recurring amount being converted to Nonrecurring .)</i>		
	Column:	A	B	C	D	E
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 Request <i>(Will equal the amount from the Recurring base in Column D to be CONVERTED to Nonrecurring plus the Additional Nonrecurring Request in Column E. These funds will be appropriated non-recurring if funded in the House Budget or the Final Conference Report on the budget.)</i>
Input Amounts:					3,000,000	3,000,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2017-18? No

5a. If yes, which state agency?

5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? For example, if the requested issue pertains to services provided to inmates at correctional facilities, the Department of Corrections would be the most appropriate state agency. Department of Education

6. Requester:

- a. Name: Thomas J. Trageser
- b. Organization: Stetson University
- c. Email: ttrageser@stetson.edu
- d. Phone #: (386)589-7926

7. Contact for questions about specific technical or financial details about the project (Please retype if same as Requester):

- a. Name: Al Allen
- b. Organization: Stetson University
- c. Email: aallen@stetson.edu
- d. Phone #: (386)748-6108

8. If there is a registered lobbyist, fill out the lobbyist information below.

- a. Name: Joshua Truitt
- b. Firm: Stetson University
- c. Email: jtruitt@stetson.edu
- d. Phone #: (321)948-3160

9. Organization or Name of Entity Receiving Funds(Please retype if same as Requestor or Contact):

- a. Name: Stetson University
- b. County (County where funds are to be expended): Volusia
- 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?

The State of Florida's population is projected to increase rapidly over the next 20 years, making water conservation paramount to successful and sustainable growth. The proposed investment in Stetson's chilled water plant involves cutting-edge filtering technology and water storage tanks, thus allowing the use of reclaimed water, rather than potable water, in the cooling towers. This conversion to reclaimed water would reduce the demand on the Floridan Aquifer by conserving 8 million gallons of

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

Spending Category	Description	Nonrecurring (Should equal 4d, Col. F) Enter "0" 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 type="checkbox"/> e. Salaries and Benefits		
<input type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Design, Planning, Permitting, Construction	3,000,000

TOTAL		3,000,000
-------	--	-----------

13. For the Fixed Capital Costs requested with this issue, what type of ownership will the facility be under when complete? (In Question 12, if ?h. Fixed Capital Outlay? was not selected, question 13 is not applicable)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe)

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:

The City of Deland has encouraged all land owners to reduce their consumption of potable water from the Floridan Aquifer and use reclaimed water where possible in place of potable water. Stetson University has explored the possibility of converting to reclaimed water for evaporation from the central chiller plant cooling towers.

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

Yes

16a. Please Describe:

Strategic Facilities Development, the firm that designed and built the current chilled water plant, developed a proposal for the project and the cost of the project.

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

Yes

17a. Describe the target population to be served. 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
- Other (Please describe)

17b. 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 all 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 checked="" type="checkbox"/> Improve agricultural production/promotion/education	Reduces consumption of 8,000,000 gallons annually from the Floridan Aquifer resulting in that many gallons being available for agriculture.	The central chilled water plant is on a separate meter. The annual consumption of potable water will be measured, recorded and compared to current water consumption.
<input type="checkbox"/> Improve quality of education		
<input checked="" type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality	Reducing the consumption from the Floridan Aquifer is critical for the future of all constituents and citizens of Florida.	Measure annual consumption of potable water and compare results to baseline year of 2016.
<input checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)	The Floridan Aquifer is the defining component in Florida's future growth and in sustaining our current citizens and constituents. Reducing our annual consumption from the Floridan Aquifer benefits all who live and work in Florida.	Annual measurement and comparison of volume of potable water consumed.
<input type="checkbox"/> Improve transportation conditions		
<input checked="" type="checkbox"/> Increase or improve economic activity	The ability of Florida to meet future growth is dependent upon the availability of fresh water. Our source of fresh water is the Floridan Aquifer. Reducing our annual consumption is critical for future growth and economic expansion.	Annual measurement and comparison. This technology is new and has tremendous opportunity to be adopted by any large facility, including public school districts, colleges, universities, hospitals, malls, hotels, conference centers and attractions.
<input type="checkbox"/> Increase tourism		
<input checked="" type="checkbox"/> Create specific immediate job opportunities	This type of project involves	The economic impact can be

	architects, engineers, and public staff in permitting, the manufacture of equipment and the individuals providing the actual installation and construction.	measured through monthly reports generated during the design and construction period.
<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 checked="" type="checkbox"/> Improve wastewater management	Expands the market for reclaimed water. As the design professionals become aware of the technology, Stetson University will be a proof source that the technology performs as designed and conserves water from the Floridan Aquifer.	Annual measurement and comparison to baseline and the number of school districts, colleges and universities, hospitals, malls, hotels and attractions that adapt to the new technology.
<input type="checkbox"/> Improve stormwater management		
<input checked="" type="checkbox"/> Improve groundwater quality	The supply of water from the Floridan Aquifer impacts the intrusion of sea water into the water supply. Reducing the annual draw of water from the Floridan Aquifer maintains the quality levels at the exiting sources and wells.	Annual measurement and comparison, including the number of commercial, educational and industrial facilities adopting and utilizing this new technology.
<input checked="" type="checkbox"/> Improve drinking water quality	Maintaining the supply levels of the Floridan Aquifer is critical to providing high-quality drinking water. This technology may potentially be adopted by the Florida Building Code	Measure annual consumption and compare to base year. Identify number of educational, commercial and industrial users adopting new technology.

	and the Florida Energy Codes.	
<input type="checkbox"/> Improve surface water quality		
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2017-18 from all sources of funding (Enter ?0? if amount is zero):

Type of Funding	Amount	Percent of Total (Automatically Calculates)	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	3,000,000	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	3,000,000	100%	

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

No