



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 2003

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Balance America will install 20 IMET®'s modular wastewater treatment technology that enables recovery and reuse of treated wastewater by achieving high levels of treatment (achieving reductions in Chemical Oxygen Demand (COD), Total Nitrogen (TN) and Phosphorus (P) exceeding the requirements) in significantly low hydraulic retention times. One of the major advantages of IMET® technology is that bio-sludge production from IMET® technology is significantly minimal when compared to traditional activated sludge systems. These 20 units will serve as an alternative to traditional construction for sewage treatment allowing the state, county and city to reduce costs by 50%. The state will be required to do effluent testing for certification of all 20 systems.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2021-2022

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	332,000
Total State Funds Requested	332,000

7. Total Project Cost for Fiscal Year 2021-2022 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	332,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	332,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. Is future funding likely to be requested?

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?



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No

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

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Each unit will cost \$16,600.00 installed all cost are covered with this price.	332,000
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		332,000

12. Program Performance

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

The system will produce a clean effluent (wastewater) coming out of the septic tank without the need for a leach field. By removing the need for the leach fields we change the dynamic of rising sea levels. Since 1994, sea levels have risen four inches and are expected to increase an additional two to six inches by 2030. Difficulties in comparison of the conventional sewage treatment pipeline placement and street removal tie into the home or business causing changes in traffic patterns requiring city planning and long delays in unforeseen issues buried years ago without report. The IMET system is much simpler requiring two people at your home for one day with no disruption to your life.

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

The IMET system process is to pump out existing sewage due to unknown factors like inorganic chemistry that can and do plug the aeration process which is desperately needed to operate properly. The home owner is instructed on proper organics that can be deposited into the septic system so that human waste, food matter, laundry can be operated efficiently, economically and environmentally safe and the homeowner can shower as normal.

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

The cost and time factor estimate to complete the conventional way are over 4 billion and will take 30 years to complete. Balance America's IMET system is 2 billion with 5 years to complete at a rate of 24,000 per year and 10 years at 12,000 per year. The pilot program for 20 units will cost \$335,000 and take approximately 20 days and a short test period by state EPA guidelines. The 30 year time period will also cost the city, county and state lost tax revenue and environmental damage from the algae blooms to Biscayne Bay. It will be the city, county and states choice.

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

The pilot will serve 20 home septic systems with the goal of all 2,716,940, Miami Dade citizens or 120,000 tanks to be served.

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



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be measured?

.By removing the need for the leach fields we change the dynamic of rising sea levels. Since 1994, sea levels have risen four inches and are expected to increase an additional two to six inches by 2030. You will see immediate results through clean effluent and water testing by state or county EPA within 30 days. By eliminating sewage lines from under the streets and from Biscayne Bay we eliminate the possibility of future breaks like the one on Nov.20,2020 where 120,000 gallons of sewage leaked into the bay.

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?

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- 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 owners of the selected homes will receive the IMET units at no charge for participating in the pilot program. They must allow the installation and required testing to be accepted. As far as we know at this time there is no known relationship between Balance America and the selected homeowners.



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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



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Please complete the questions below for Water Projects only.

17. Have you applied for alternative state funding?

- ☐ Waste Water Revolving Loan
- ☐ Drinking Water Revolving Loan
- ☐ Small Community Wastewater Treatment Grant
- ☐ Other (please specify)
- ☒ N/A

18. What is the population economic status?

- ☐ Financially Disadvantaged Community (ch. 62-552, F.A.C)
- ☐ Financially Disadvantaged Municipality (ch. 62-552, F.A.C)
- ☐ Rural Area of Economic Concern
- ☐ Rural Area of Opportunity (s. 288.0656, Florida Statutes)
- ☒ N/A

19. What is the status of construction?

Construction can be completed within 30 days of funding.

20. What percentage of the construction has been completed?

N/A

21. What is the estimated completion date of construction?

Construction can be completed within 30 days of funding.