

CITY OF ATLANTA Watershed Management

CDFA: 66.046

CLIMATE POLLUTION REDUCTION GRANTS PROGRAM: IMPLEMENTATION GRANTS GENERAL COMPETITION

EPA-R-OAR-CPRGI-23-07

Budget Narrative

Section 7: Budget (45 points)

a. Budget Detail (20 points)

The request is for \$175 million towards the capital cost of facility improvements and new construction. The total estimated total cost of construction is \$275 million. **Table 1** below provides a breakdown of the total capital cost for the project. The estimate is a Class 5 estimate developed based on a conceptual design.

Table 1: Project Cost

Capital Items	Cost (\$MM)	Reference
Imported Organics Receiving	\$ 20.00	Based on cost from Maryland facility currently completing construction
THP and HEX	\$ 16.50	Based on cost from Maryland facility currently completing construction
Blending Tanks	\$ 1.00	Estimate based on past experience on several wastewater projects
Digester Upgrades	\$ 8.00	Estimate based on past experience on several wastewater projects
CHP and/or Boilers	\$ 33.71	Based on vendor quotes with installation allowance
Dewatering and Cake Load out	\$ 20.58	Based on cost from Maryland facility currently completing construction
Gas Treatment	\$ 4.00	Based on costs for a Kentucky and Honolulu Facilities about to begin construction or in advanced planning
Odor Control	\$ 6.60	Scaled up from Maryland facility near completion of construction
Composting	\$ 30.00	Based Maryland facility nearing completion of construction
Construction Subtotal	\$ 140.39	
Allowance and General Conditions	\$ 64.58	46% of construction subtotal based on past experience
Sitework & Utility	\$ 10.00	15% of construction subtotal based on past experience
Design & Engineering	\$ 14.04	10% of construction subtotal

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Capital Items	Cost (\$MM)	Reference
Project Cost	\$ 229.01	
Contingency	\$ 45.80	20% of Project Cost
TOTAL	\$ 274.81	

The project is planned for delivery using a P3 procurement method thus the final construction cost will not be known until the procurement is completed. In addition, the facility may grow in size through the procurement process. The design size is based on anticipated biosolids and food waste quantities developed in discussions with other municipal departments including food waste from the Atlanta's Hartsfield Jackson International Airport and from the City's Department of Public Works. There are other sources of these materials that may result in facility expansion at the start or in the future. There is a known limited life to landfills currently used. The escalating tip fees and added transportation costs are expected to increase demand for the processing capacity of the facility.

b. Expenditure of Awarded Funds (15 possible)

Table 2 below provides a breakdown of the capital spend schedule. The schedule is based on planned progression of the project but is an estimate based on expected levels of spending through the facility design and construction. Final spend times will depend on contracts issued and ability to proceed with various tasks.

Table 2: Capital Spend Schedule

Time	Construction	Grant Funds	Description
	Spend (\$MM)	(\$MM)	
Q1 2026	\$ 4.21	\$ 2.68	Engineering
Q2 2026	\$ 5.62	\$ 3.58	Engineering
Q3 2026	\$ 4.21	\$ 2.68	Engineering
	\$ 13.00	\$ 8.28	Sitework & Upgrades to Existing Facilities
Q4 2026	\$ 11.62	\$ 7.40	Sitework, New Facilities and Systems
Q1 2027	\$ 13.24	\$ 8.43	New Facilities and Systems
Q2 2027	\$ 19.86	\$ 12.65	New Facilities and Systems
Q3 2027	\$ 22.51	\$ 14.33	New Facilities and Systems
Q4 2027	\$ 22.51	\$ 14.33	New Facilities and Systems
Q1 2028	\$ 22.51	\$ 14.33	New Facilities and Systems
Q2 2028	\$ 13.24	\$ 8.43	New Facilities and Systems

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Time	Construction	Grant Funds	Description
	Spend (\$MM)	(\$MM)	
Q 3 2028	\$ 11.92	\$ 7.59	New Facilities and Systems
Q4 2028	\$ 110.38	\$ 70.29	Substantial Completion
Total	\$ 274.81	\$ 175.00	

c. Reasonableness of Costs (10 possible)

Table 1 in **Section 7a** above references how the costs were derived. All line items are based on past experiences, with most of the items derived from similar projects that are currently in various stages of construction.

Budget Justification**A. Personnel**

FEDERAL REQUEST \$0.00

B. Fringe Benefits

FEDERAL REQUEST \$0.00

C. Travel

FEDERAL REQUEST \$0.00

D. Equipment

FEDERAL REQUEST \$0.00

E. Supplies

FEDERAL REQUEST \$0.00

F. Contractual

FEDERAL REQUEST \$0.00

G. Construction

FEDERAL REQUEST \$175,000,000.00

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H. Other

FEDERAL REQUEST \$0.00