

**THE UNIFIED GOVERNMENT OF ATHENS-CLARKE COUNTY
COMMISSION AGENDA ITEM**

SUBJECT: Award of Purchase: Compost Loader

DATE: July 28, 2023

BUDGET INFORMATION:

REVENUES:

EXPENSES:

ANNUAL:	\$ 7,508	
CAPITAL:	\$275,000	FY24 Capital Funds
OTHER:	<u>\$ 18,040</u>	Trade Value
	\$282,508	TOTAL

FUNDING SOURCE: Landfill Enterprise Fund

COMMISSION ACTION REQUESTED ON: September 5, 2023

PURPOSE:

To request that the Mayor and Commission:

- a) Award a purchase contract to Yancey Brothers Company in the amount of \$282,508 for a Caterpillar 950GC QC3V Wheel Loader for use by the Solid Waste Department's Landfill Division Composting Operation;
- b) Approve the trade of the 2009 Volvo loader for \$18,040; and
- c) Authorize the Mayor and appropriate staff to execute any relevant documents or agreements to effect this action.

HISTORY:

1. In 1996, the Public Utilities Department (PUD) began a bio-solid and wood waste composting program, permitted by the Georgia Environmental Protection Division's (GaEPD) Water Branch, at Water Reclamation Plant #1 (located on Bailey Street). The compost used approximately 10% of the bio-solids produced at the plant. The finished product was used by various ACCGov departments for landscaping needs and some material was sold to the public.
2. Water Reclamation Plant #1 was approved for relocation and upgrade and the decision was made to relocate the compost operation to the Municipal Solid Waste (MSW) Landfill. The MSW Landfill was already receiving the bio-solids produced by the three (3) Unified Government water reclamation plants and not used as part of the current composting effort. Further, the MSW Landfill has for some time been permitted by GaEPD to make

compost for exclusive use in landfill operations. The finished compost product has been used to cover the side slopes and to provide intermediate disposal area cover on the landfill. All of the compost made at the landfill has been used over disposal cell areas that have an underlying liner.

3. The PUD and Solid Waste Department (SWD) submitted a combined capital project budget request in FY08 to fund the construction and equipping of a joint Compost Facility. The budget request included \$950,000 for construction and \$555,000 for equipment. The Volvo loader currently used was purchased with this money in 2009.
4. In May 2007, the SWD began the process of permitting a Compost Facility at the existing MSW Landfill for production of compost material suitable for use by the general public.
5. GaEPD approved the application for a Compost Facility on February 12, 2009. In 2010, ACCGov SWD received the permit to begin composting.
6. On June 6, 2023, the M&C adopted the FY24 Capital Budget, which included funds for the ACCGov SWD to replace a loader for the composting operation.
7. On July 25, 2023, landfill staff received a quote from Yancey Brothers Company for a Caterpillar 950GC QC3V Wheel Loader.

FACTS & ISSUES:

1. The Landfill currently uses a loader for the composting operation, a 2009 Volvo loader. This loader was originally purchased by Public Utilities. This piece of equipment is required by the GaEPD approved ACCGov Landfill Design and Operation (D&O) plan.
2. The loader is on a 15 year replacement cycle and is due for replacement this fiscal year. The 2009 loader has 13,349 service hours. Landfill and compost environments are one of the harshest on equipment. Funds for the replacement of the loader are programmed into the Solid Waste Department's 10 Year Capital Replacement Budget.
3. The FY24 Capital Budget included \$125,000 for this purpose and already had \$150,000 in capital for a total of \$275,000 in capital funding for the loader. The cost to purchase this loader has increased. The additional costs, \$25,548, will come from the Landfill Enterprise Fund Operating account and trade in value. The trade value is \$18,040. This leaves \$7,508 to pay from operational costs. The total cost for the new loader is \$300,548.
4. The Landfill staff recommends the purchase of the Caterpillar 950GC QC3V Wheel Loader. In addition, staff recommends the trade in of the 2009 Volvo loader to offset the increased purchase price. The trade value is \$18,040.

5. The Caterpillar, Inc., Model 950GC QC3V Wheel Loader is currently on Sourcewell contract # 34713. Sourcewell is a cooperative contract which allow municipalities to procure goods and services at lower costs, meaning the required RFPP process is not necessary.
6. These recommendations support the following Mayor and Commission FY23-FY25 Strategic Plan Goals, Strategies, and Initiatives:
 - Goal Area 6: Build and Natural Infrastructure
 - C. Provide adequate funding for maintenance of existing and newly constructed infrastructure

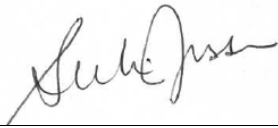
OPTIONS:

1. Mayor and Commission:
 - a. Award a purchase contract to Yancey Brothers Company in the amount of \$282,508 for a Caterpillar 950GC QC3V Wheel Loader for use by the Solid Waste Department's Landfill Division Composting Operation;
 - b. Approve the trade of the 2009 Volvo loader for \$18,040; and
 - c. Authorize the Mayor and appropriate staff to execute any relevant documents or agreements to effect this action.
2. Mayor and Commission deny staff's recommendation to purchase a Caterpillar 950GC QC3V Wheel Loader.
3. Mayor and Commission defined option.

DEPARTMENT RECOMMENDED ACTION: Option #1 a, b and c

DEPARTMENT:

Prepared by: Suki Janssen



Suki Janssen

Date: 7/26/23

ADMINISTRATIVE COMMENTS:

ADMINISTRATIVE RECOMMENDATION: Option #1 a, b and c



Manager

August 8, 2023

Date: