



Commission Meeting

July 18, 2023

Landfill Compactor Rebuild Repair

File Reference: 23-014(L)

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve adding funds in amount of \$885,563.05 to Yancy Brothers Landfill Equipment Block Time contract for Rebuilding Compactor-836K. Bid 23-114 / Requested by Engineering
Background:	<p>In December 2022, Caterpillar Compactor 836K caught fire at active phase of the landfill. Damage to equipment was significant making and requiring a damage & rebuild assessment. Yancy Brothers (Yancy) is under contract for landfill equipment repairs and maintenance and was tasked to check out the damaged machine and compile the machine rebuild cost. The Compactor is one of the most critical equipment in landfill operations for achieving placed waste maximum compaction and optimized airspace utilization. Airspace directly correlates to landfill operational cost. Without the operating compactor, the landfill operation compliance becomes difficult and valuable airspace is lost. DBRLF operation is a daily eleven-hour waste intake operation and getting the damaged compactor repaired and back in operation is the fastest and cost-effective alternative.</p>
Analysis:	<p>Yancy (CAT) is under contract for landfill equipment repairs and having Yancy (CAT) perform a certified rebuild will restore the unit to like a new status and include a 1-year warranty on the overall but also includes a 5year/10,000-hour power train warranty. In addition, there is around eighteen (18) months period to purchase new machine and cost is around \$1.8 million, hence rebuild damaged machine was cost effective and least wait option to get compactor back on working phase compacting waste.</p>
Financial Impact:	Funds in amount of \$885,563.05 are available in Environmental Services Operation FY2023 budget (541044210/5422510).
Alternatives:	Not recommended.
Recommendation:	Approve adding funds in amount of \$885,563.05 to Yancy Brothers Landfill Equipment Block Time contract for Rebuilding Compactor-836K. Bid 23-114 / Requested by Engineering
Funds are available in the following accounts:	(\$885,563.05) 541044210-54.22510 - Solid Waste Funds

REVIEWED AND
APPROVED BY:

HM/SR