



## Commission Meeting

June 4, 2024

Landfill Compactors Rebuild Repair

File Reference: 24-014(L)

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<b>Department:</b>	Engineering & Environmental Services
<b>Presenter:</b>	Dr. Hameed Malik, Director
<b>Caption:</b>	Motion to <b>approve</b> adding funds in amount of \$200,000 to Yancey Brothers Landfill Equipment Block Time contract for Rebuilding Landfill Compactors. Bid 23-114/AE ( <b>Approved by Engineering Services Committee May 28, 2024</b> )
<b>Background:</b>	<p>Augusta Deans Bridge Road Facility (Landfill) has continued need of reliable functioning equipment/machines, such as compactor, for placement &amp; compaction of intake waste and to stay in compliance with its waste handling permit requirement. Landfill operations staff always look and evaluate cost effective &amp; timely measures with this respect. Landfill has two (2) John Deere 850 bulldozers needing replacement. However, due to financial constraints, rebuilding these machines is an equally viable cost effective and time option. Landfill mechanics did not have the diagnostic hardware/software to do the rebuild. However, Yancey Brothers (Yancey) is under contract for landfill equipment repairs &amp; maintenance and has tools &amp; skilled mechanics to rebuild/assist in rebuild these machines. Hence, Yancey is tasked to check out damaged machines and assist in-house mechanics machines rebuilding. The Compactor is one of the most critical parts of operational 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.</p>
<b>Analysis:</b>	<p>Yancey is under contract for landfill equipment repairs and having Yancey perform a rebuild will restore the machines to like a new status. It also provides in-house mechanics opportunity to enhance their mechanical know-how and skills to do future repairs in-house, that will provide long range operational cost saving. In addition, there is around eighteen (18) months wait period to purchase new machine and cost is around \$1.8 million, hence rebuild damaged machines is cost effective and least wait option to get compactor back on working phase compacting waste.</p>
<b>Financial Impact:</b>	Funds in amount of \$200,000 are available in Environmental Services Operation FY2024 budget (541044210/54.21110) Machinery/Equipment

**Alternatives:** Not recommended.

**Recommendation:** Approve adding funds in amount of \$200,000 to Yancey Brothers Landfill Equipment Block Time contract for Rebuilding Landfill Compactors. Bid 23-114/AE

**Funds are available in the following accounts:** (\$200,000) -541044210/54.21110 – Landfill Operations Budget

**REVIEWED AND** HM/SR  
**APPROVED BY:**