

CITY OF RICHLAND CENTER - AGENDA ITEM DATA SHEET

Agenda Item: Streets - Request for End Loader Repair

Requested & Presented by: Jasen Glasbrenner

Meeting Date: Public Works Committee on 06-19-2025

Committee Review:

Background: The City's 2010 John Deere Model 624K end loader has experienced a critical engine failure and is currently out of service. This unit is essential to City operations, serving a key role in street maintenance, landfill management, and snow removal.

Following inspection and diagnosis, it was determined that the engine requires full replacement. The attached estimate outlines the proposed work to remove and replace the engine with a remanufactured Tier 2 or Tier 3 diesel engine, including all associated parts, labor, testing, and environmental handling. The total estimated cost for this work is \$32,433.06.

As an alternative, staff also explored the option of upgrading the hydraulics on the City's 1999 John Deere Model 624H end loader to potentially repurpose it for certain tasks. However, due to the unit's age, a standard auxiliary hydraulic kit is no longer manufactured. A custom solution would need to be pieced together, with a rough cost estimate of \$12,000 total for parts and installation.

Additionally, the department has begun researching options for purchasing a replacement unit. Preliminary pricing for a new or used end loader ranges from approximately \$180,000 to \$250,000, while leasing was quoted at \$8,000 per month. Trade-in values are estimated at \$36,000 for the 1999 unit and \$32,000 for the 2010 unit with the failed engine.

While the 2010 model is currently out of service, its body is in worse condition than the 1999 unit. However, returning the 1999 end loader to full-time use would likely result in increased maintenance needs due to its age.

Department Recommendation: Staff recommends replacing the engine in the 2010 John Deere 624K for approximately \$32,433.06. This option restores a key piece of equipment at a lower cost than leasing or purchasing new, while also bringing both end loaders back into service, allowing for a backup unit in case of future end loader failure.

Financial Impact: Approximately \$32,433.06

Funding Sources: Sufficient funding is not available within the typical line items used for this type of repair. The department plans to reallocate available funds from 10-54200-560 – ROADWAYS/CONTRACTED WORK to cover the cost.

Requested Action:

PUBLIC WORKS: Motion to recommend that the Finance Committee and City Council approve the engine replacement for the John Deere Model 624K end loader, at an approximate cost of \$33,000.00.

FINANCE: Motion to recommend that the City Council approve the engine replacement for the John Deere Model 624K end loader, at an approximate cost of \$33,000.00.

COUNCIL: Motion to approve the engine replacement for the John Deere Model 624K end loader, at an approximate cost of \$33,000.00.

Attachment(s):

Brooks Tractor End Loader Repair Quote

Brooks Tractor John Deere 544P Wheel Loader Quote