

A photograph of a golf course with several golf carts parked in a line on a paved path. People are visible inside the carts. The background is filled with lush green trees under a clear blue sky. A semi-transparent text box is overlaid on the left side of the image.

Hidden Creek Golf Course Golf Cart Battery Purchase

City Council - January 23, 2023

Staff Presenter: Jen Basham, Director-Parks and Recreation

Background



- **Golf Carts at Hidden Creek Golf Course have been in rotation over 4 years, which is the life cycle of a golf cart**

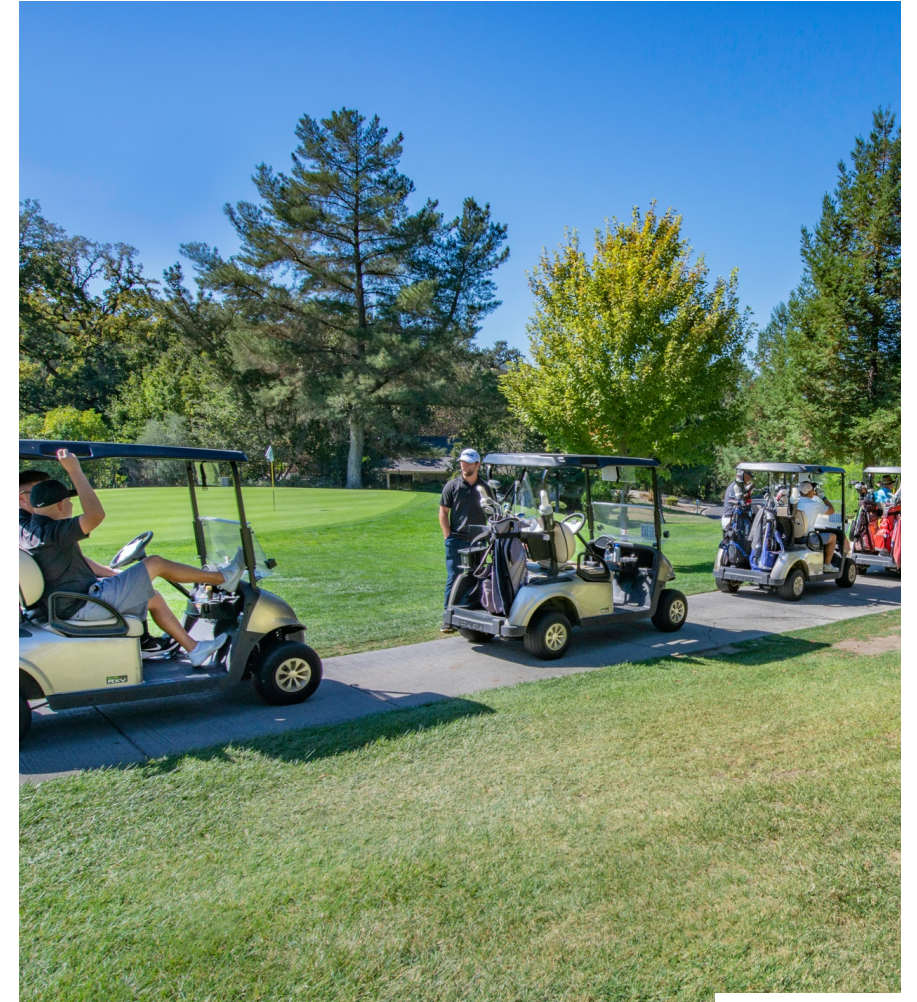
The majority of the carts are having issues finishing 18 holes of play

- **Challenges faced by the cart fleet**
 - Near record rounds in FY 2023
 - Single rider rounds in 2020 (During the pandemic the course was required to only allow one player per cart for social distancing)
 - Extended freeze in February 2021
- **Each golf cart utilizes (6) 8 volt batteries**

Efficiency rapidly reduces after 25,000 amp hours of usage. The majority of the fleet is over 27,000 amp hours

Analysis for replacement or extension of life

- Staff performed an analysis to determine the most cost effective method for maintaining the current cart fleet or replacement
 - The life of the current carts will be potentially extended 24 months with new batteries for \$98,000
 - Resulting in savings of \$50,000 annually for the next two years
 - The cost for a new fleet is approximately \$433,000
 - A new fleet will take approximately 12 months once ordered, which would not solve the issues currently being experienced
 - The new batteries will allow for the new carts to be budgeted in October 2024 , with the potential delivery of March 2025



Staff Recommendation



- Award purchase contract to EZGO for 480 batteries utilizing the Buyboard in the amount not to exceed \$98,107.20
- Batteries are in stock and will be in within 2 weeks of purchase for installation

Funding:

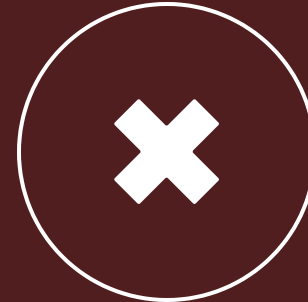
- Savings from the HVAC renovation at the Burleson Recreation Center (Budgeted at \$500,000)
- Actual cost for HVAC \$160,255 (awarded in December 2022)
Remaining balance from project \$339,745
- Council authorized the addition of permanent shade structures at the outdoor pool utilizing these savings on January 6, 2023
This project is estimated to cost \$134,000
- After both projects there is a remaining \$205,745 available
This will leave \$109,745 to be reallocated to another project or returned to the 4B fund balance

Options

Staff Recommendation



Approve contract with EZGO in an amount not to exceed \$98,107.20



Deny contract with EZGO in an amount not to exceed \$98,107.20