



MEMORANDUM

Date: January 11, 2024

To: Honorable Mayor and Commissioners

Via: Albert P. Childress *APC*
City Manager

From: Rodrigo Delostrinos
Director of Transportation

Subject: **Authorize the Purchase of two (2) Gillig Buses in the amount of \$1,875,768**

Introduction

Request approval to purchase one (1) 35' Electric Gillig Bus in the amount of \$1,180,520.00 and one (1) 30' Low Floor (LF) clean diesel Gillig Bus in the amount of \$695,248. Pursuant to City of Key West Code of Ordinances Section 2-797.3 (a)(b)(c), Purchases and Acquisitions under Contracts of Federal Government and the State or its Political Subdivisions.

The 30' LF clean diesel bus would be procured through Florida JTA RFP P-18-005 and the 35' Electric bus would be procured through OFF RFP 21-980369 State of Florida Electric Bus.

Background

Key West Transit has a total of 20 buses that range from 2001 to 2018 and four (4) 2020 cutaways. Two (2) of the 20 buses, bus 814 (2001) and bus 816 (2008) are in need of replacement for engines and transmission. Both buses have reached their useful life of 12 years and 500,000 miles.

If approved, this would be Key West Transit first full electric bus. The 35' Low Floor bus will be equipped with 7 battery packs with a total of 686 kWh of on-board energy and will have an anticipated range of approximately 250 miles between charges. The expected battery life is approximately 7-8 years. Charging of the bus will be accomplished through a dedicated plug -in style charger strategically located at the transit operations and maintenance facility. The charger will be sized to fully charge the bus in 8 hours or less (depending on the beginning state of charge). The purchase will include operator familiarization training including driving techniques to optimize efficiency and maximize energy savings. Technician training will include familiarization, troubleshooting and diagnosis and high voltage safety for battery electric buses. The purchase of the electric bus will decrease the consumable use of fossil fuels and oil which reduces the City of Key West's carbon footprint.

Procurement

The City Commissioners approved the Section 5311 Capital Public Transportation Grant Agreement (PTGA), Resolution 23-343 in the amount of \$2,551,089 for purchasing two buses and other equipment. Typically, Section 5311 Capital Grant programs require a cost share of 80% FDOT and 20% City; however, the PTGA outlines the City of Key West cost share is covered by the FDOT Toll Revenue Credits (TRC) (PTGA Exhibit A Item C). This PTGA is 100% FDOT funded via FTA Section 5311.

Currently Key West Transit has received a Letter of Intent to Award and is waiting for the full execution of the PTGA from FDOT.

Recommendation

The Key West Transit staff and City Manager's office recommends the City Commission authorize the purchase of two (2) Gillig buses in the amount of \$1,875.768.

Exhibits:

Exhibit A – Bus Quotes

Exhibit B – Resolution 23-343 Approving and Accepting PTGA