

AGENDA ITEM 1J
Consent Item

MEMORANDUM

DATE: February 3, 2022

TO: El Dorado County Transit Authority

FROM: Brian James, Planning and Marketing Manager

SUBJECT: Demand Response Scheduling and Dispatching Software Capital Improvement Plan Project

REQUESTED ACTION:

BY MOTION,

- 1. Authorize the Executive Director to apply for the Fiscal Year (FY) 2020-21 FTA Section 5310 grants for replacement of the current demand response scheduling and dispatching software**
- 2. Adopt Capital Improvement Plan Project 22-05 for replacement of demand response scheduling and dispatching software**

BACKGROUND

The software that the El Dorado County Transit Authority (El Dorado Transit) currently uses for Demand Response scheduling and dispatching was purchased in 2012 and support for the current software has waned in recent months. Considerable technological progress has been made with demand response software systems and several additional vendors have entered the marketplace. Updated software may provide for significant enhancements in customer service and system performance.

DISCUSSION

If approved, El Dorado Transit will apply for competitive Fiscal Year (FY) 2020/21 FTA Section 5310 urban and rural grants to support the capital costs for full replacement of the current Demand Response scheduling and dispatching software. The FTA 5310 Grant Program provides financial assistance for transportation services that are planned, designed and carried out to meet the special transportation needs of seniors and individuals with disabilities. The goal of the 5310 Grant Program is to improve mobility for seniors and individuals with disabilities by removing barriers to transportation services and expanding the transportation mobility options available.

If approved, Project 22-05 (Attachment A) will replace our current software with a more robust scheduling and dispatching software that can offer a more customer responsive experience. El Dorado Transit staff have issued a Request for Information (RFI) to learn more about available technologies and pricing information from the software companies.

FISCAL IMPACT

COST SUMMARY (ESTIMATE)

	<u>Adopted Budget</u>
Dispatching Software	\$120,000
Contingency 10%	<u>\$ 12,000</u>
<i>Total Project Cost</i>	<i>\$132,000</i>

FUNDING SOURCES

Federal Transit Administration (FTA) Rural 5310 Grant	\$ 60,000
Federal Transit Administration (FTA) Urban 5310 Grant	\$ 60,000
Transportation Development Act	<u>\$ 12,000</u>
<i>Total Revenue</i>	<i>\$132,000</i>

Scheduling and Dispatching Software Replacement

Project No. 22-05

This project will replace the current software that is used for Demand Response scheduling and dispatching that was purchased in 2012. New software technologies can offer a more robust system that will be more customer responsive.

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