



MEASURE C
NEW TECHNOLOGY

GRANT PROPOSAL 2022-23



NEW TECHNOLOGY GRANT

- Grant will fund the purchase of Intelligent Technology for its Clovis Transit fixed-route fleet which serves Clovis and the surrounding areas, including low income and disadvantaged communities.
- Existing vehicles lack current technologies and are in need of upgrading the existing systems.
- Data will be fed into Clovis Transit app, Google Transit, and the Transit App to provide information to passengers riding throughout the county for ease of movement between systems.

INTELLIGENT TECHNOLOGY PROJECT

- **This project will fund Phase 2 of the City's larger technology plan.**
 - Phase 1 includes Automatic Passenger Counters (APCs)
 - Real time data and reporting for State and NTD
- **Fourteen fixed route vehicles will be updated to include the following:**
 - Computer Aided Dispatch/Automated Vehicle Locator (CAD/AVL)
 - Automated Voice Annunciation System (AVA)
 - Interior Signage Annunciators



TECHNOLOGY FEATURES

- **Smart App & Website**
 - Real Time Information
 - Bus Arrival Times
 - Trip Planning
 - Vehicle Capacity
 - Travel Options
- **Interior Signage Annunciators**
 - Real Time Information
 - Next Bus Stop
 - Verbal and Written Announcements
 - Facilitate Trips for Hearing and Vision Impaired Passengers
- **Entice New Passengers**
 - Reduction in Greenhouse Gas Emissions
 - Increase in Ridership
 - Positive Impact to the Environment and Climate Change

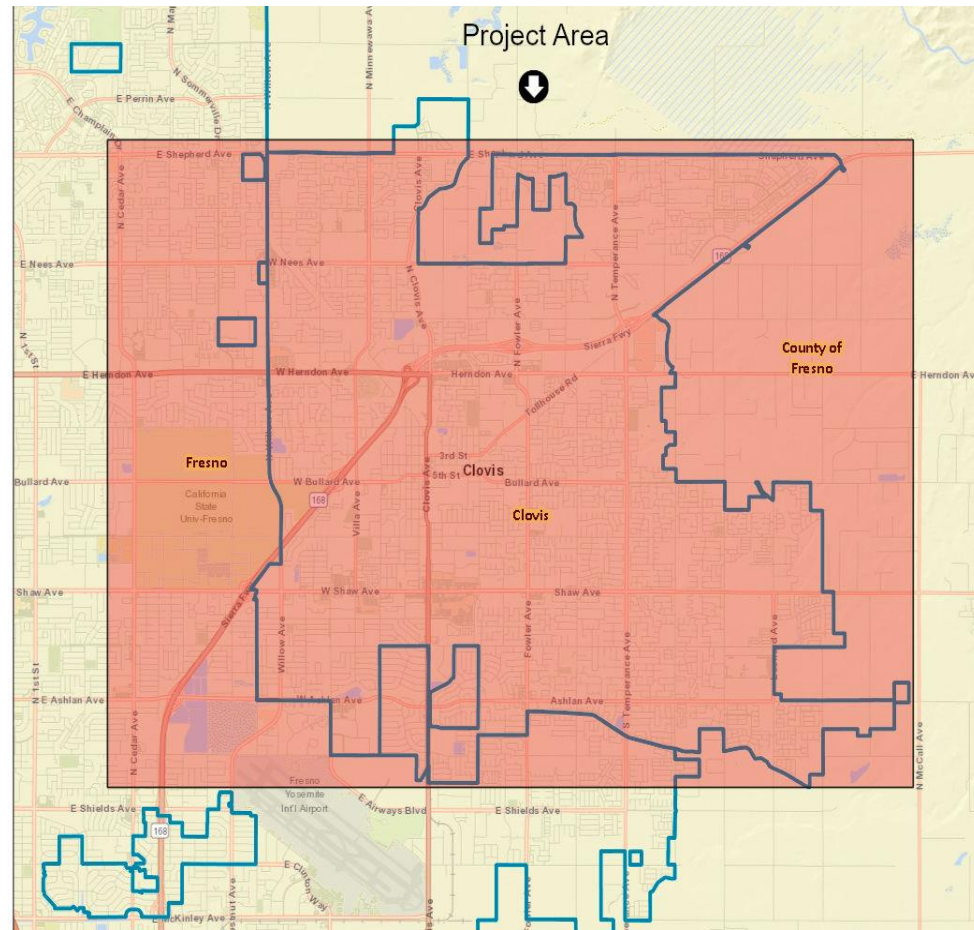


SERVICE AREA AND COMMUNITIES



SERVICE AREA

Project will serve the entire incorporated area of the City of Clovis plus a portion of the City of Fresno. Service area borders are Shepherd Avenue to the north, Highland Avenue to the east, Ashlan Avenue to the South, and Cedar Avenue to the west.



COMMUNITIES

Disadvantaged (DAC) and low-income communities lie within the central part of the city and have both fixed routes running through. Procuring intelligent technology will provide easy access to public transportation for all residents, including the DAC and low-income communities.

PROJECT FUNDING

	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	Total Cost
Technology Grant Cost						
CAD/AVL	\$ 150,000					\$ 150,000
AVA/Interior Signage	\$ 80,000					\$ 80,000
API's	\$ 10,000					\$ 10,000
APC Intergration	\$ 10,000					\$ 10,000
Text	\$ 25,000					\$ 25,000
Licensing	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
Subtotals:	\$ 305,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 425,000
Grant Cost Total:						\$ 425,000
Other Funding and In-Kind Contributions						
	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	Total Cost
Staff Time	\$ 30,000	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 40,000
PTMISEA/APC System	\$ 110,000	\$ 5,100	\$ 5,100	\$ 5,100	\$ 5,100	\$ 130,400
Subtotals:	\$ 140,000	\$ 7,600	\$ 7,600	\$ 7,600	\$ 7,600	\$ 170,400
Total In-Kind Contributions:						\$ 170,400
Total Project Cost						\$ 595,400

PERFORMANCE MEASURES

METRICS



- COMPLETION OF 30-DAY TESTING ROLL OUT
- TIME REQUIREMENT FOR GTFS DATA IMPORT
- AVAILABILITY & ACCESSIBILITY OF PHONE APPLICATION
- SUCCESSFUL DATA IMPORTS
- PASSENGER SATISFACTION & FEEDBACK
- TRAINING SESSIONS
- RIDERSHIP DATA
- CUSTOM REPORTS

- REAL TIME DATA
- ON-TIME PERFORMANCE
- RIDERSHIP COUNTS
- MONTHLY DATA REPORTS
- QUARTERLY DATA REPORTS
- DETERMINE ADJUSTMENTS & CHANGES



MONITORING & EVALUATION



TIMELINE



NOTICE TO PROCEED

1/01/2023 – 2/15/2023

Once notice to proceed is received from Fresno COG, City will submit signed contract to Fresno COG.



PURCHASE OF EQUIPMENT

2/15/2023 – 4/15/2023

Conduct procurement process, order equipment/systems, and take delivery of equipment.



INSTALLATION, TRAINING & PHONE APPLICATION

4/15/2023 – 6/15/2023

Complete pre-install prep work, installation of new equipment, data import and data check for accuracy. Training of staff on new systems, including scheduling training on phone applications.



TESTING & CLOSE OUT

6/01/2023 – 6/30/2023

Conduct testing and monitoring of system for accuracy, and close out of the contract.



THANK YOU, QUESTIONS?



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