

NEW TECHNOLOGY RESERVE GRANT PROGRAM ADVANCED TRANSIT AND TRANSPORTATION PROJECTS

Fiscal Year 2018-2019 Grant Application

Project/Program Name/Description: FCRTA Rural Electric Vehicle Utilization Project (REVUP)

Lead Agency (Applicant) Legal Name: Fresno County Rural Transit Agency

Physical Address (No P.O. Box): 2035 Tulare Street, Suite 201

City: Fresno

County: Fresno

Zip: 93721

Contact Person (Grant Manager): Janelle Del Campo

Phone: 559-263-8023

Email: delcampo@fresnocog.org

Name of Authorizing Representative certifying that the information contained in this application is true and accurate:

Printed Name: Moses Stites Title: General Manager

Email Address: mstites@fresnocog.org

Signature: _____

Moses Stites



Fresno Council
of Governments

2035 Tulare Street, Suite 201

Fresno, CA 93721

(559) 233-4148

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Applicants should use this checklist to ensure that all applicable parts of the application and attachments are completed and submitted.

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BACKGROUND

The Fresno Council of Governments (Fresno COG) is seeking proposals from eligible public agencies for advanced transit projects that have the potential for broad benefits to Fresno County residents and will assist the region in meeting its air quality goals. Fresno COG is proposing to fund projects of regional significance in the areas of research, development, demonstration, and deployment that will advance public transit and transportation.

Fresno COG is a consensus builder, developing acceptable programs and solutions to issues that do not respect political boundaries. Fresno COG is a voluntary association of local governments, one of California's 38 regional planning agencies, and one of 500+ nationwide. In 1967 elected officials of Fresno County and its incorporated cities informally created the agency, formalizing Fresno COG in 1969 through a Joint Powers Agreement. Fresno COG undertakes comprehensive regional planning with an emphasis on transportation, provides citizens an opportunity to be involved in the planning process, and supplies technical services to its members.

Fresno County voters approved [Measure C](#), a ½ cent transportation sales tax, in 1986 and again in 2006. Fresno COG prepared the Measure C Expenditure Plan, a guide to how \$1.2 billion in Measure C transportation dollars will be spent through the year 2027. It was prepared with our partners, the cities, the County, Caltrans and the [Fresno County Transportation Authority](#) (administrators of the tax) and other community stakeholder groups. In its first 20 years, Measure C delivered more than \$1 billion of improvements to state highways and county roadways, and has helped the building of additional lanes and freeway improvements throughout the County. As a result of the successful original measure, Fresno County voters chose to extend Measure C for an additional 20 years. The Measure C Extension (2007-2027) not only funds improvements of local roadways by repairing potholes and paving streets and sidewalks, but also funds ride-share incentive programs and environmental enhancement programs.

The Fresno County Transportation Authority (FCTA) is the entity created by legislation to administer the Measure C Program(s) and ensure the revenue is received and distributed appropriately. Fresno COG is responsible for the implementation of several Measure C programs including the Measure C New Technology Reserve Grant Program (New Technology Grant Program). For information on the Measure C sales tax visit www.measurec.com.

This Request for Proposals (RFP) is being issued to eligible public agencies within Fresno County including the Fresno COG, Fresno County Rural Transit Agency, Fresno County, and the cities in Fresno County who propose projects meeting the eligibility requirements of the Measure C New Technology Reserve Grant Program and demonstrate the need for advanced transit and transportation. Entities deemed ineligible to apply for New Technology Grant funds may apply as a partnering agency but **must** partner with an **eligible** applicant that will be responsible for implementing the project. **Agencies wishing to partner with Fresno COG must submit an electronic copy of their proposal by June 21, 2018.** The implementing agency assumes responsibility and accountability for the use and expenditure of program funds. The eligible public agency will need to sign a Cooperative Agreement with the FCTA.

FUNDING DISTRIBUTION/TIMELINE

The Measure C New Technology Program makes **\$6,400,000** available for the Fiscal Year 18/19 award cycle. An additional \$15,000,000 - \$18,000,000 can be made available over time through the next 8 years. Fresno COG will release an Application for New Technology Projects/Proposals on a biennial basis.

Fresno COG is committed to ensuring that grant funding from the RFP is equally distributed throughout the Fresno County Region to the extent feasible. From the most qualified proposals with the highest scores, Fresno COG will select projects for funding in a manner that is consistent with this commitment.

Fresno COG reserves the right to reject all proposals and make no awards under this announcement if the proposals submitted do not meet the goals of this RFP.

TIMELINE:

ACTIVITY	DATE
Request for Proposals Released	April 16, 2018
Last day to submit requests for clarification	June 4, 2018
NEW: Deadline for Electronic Proposal Submittal for agencies wishing to partner with Fresno COG	June 21, 2018
Deadline for Proposal Submittal	July 23, 2018
Scoring (Tentative)	July 25 - August 10, 2018
Potential Interviews (Tentative)	Week of August 20 - 24, 2018
Policy Board Approval (Tentative)	September 27, 2018
FCTA Board Approval (Tentative)	October 10, 2018
Notice to Proceed - Subject to Contract Signing (Tentative)	January 2019

GOALS AND OBJECTIVES

The goal of the New Technology Reserve Subprogram is the set-aside Measure “C” funding to finance new transit technologies that may be developed in the future. To further its Measure C New Technology Program goals, Fresno COG is focusing on technological advances in public systems, safety features, fuel efficiencies and alternatives, intelligent transportation system (ITS) applications, and information dissemination. These areas help to promote passenger safety and satisfaction, attract customers, improve capital and operating efficiencies, reduce environmental pollution, and ease dependence on fossil fuels.

Expenditures on funded projects must be directed into the Fresno County economy, and must have a strong potential to attract future financial investment in that economy. To the extent possible, the Measure C New Technology Program funds should be used to leverage additional funding from other sources to create more viable projects.

Examples of eligible projects or project components include, but are not limited to:

1. The evaluation of viability and local benefits of new transit technologies.
2. Planning, design and construction of new transit technologies, including construction of track and ancillary improvements
3. Purchase of vehicles only if they are an integral part of a new-technology system, not replacement vehicles in an already existing system; hiring of staff to seek additional funding for new transit technologies after project is awarded
4. Environmental Review
5. Right-of-way acquisition
6. Other necessary projects, programs, systems, or services that enable new technology transit and transportation systems to provide the desired objectives.

The 2016 cycle awarded the following types of projects:

1. Public transit buses retrofitted with Near-Zero Emission engines
2. Electric public transit buses
3. Electric school buses
4. Solar tree charging stations
5. Electric aircraft/commercial flight training service
6. University Transportation Institute

APPLICANT ELIGIBILITY

Public Agency

This application is open to selected eligible public agencies within Fresno County. These agencies include:


- Fresno Council of Governments
- Fresno County
- Incorporated cities within Fresno County
- Fresno County Rural Transit Agency

Entities deemed ineligible to apply for New Technology Grant funds may apply as a partnering agency but **must** partner with an **eligible** public agency that will be responsible for implementing the project. Eligible public agencies wishing to partner will need a resolution from their governing body. This resolution must be submitted as an attachment to this application. In addition, public agencies must attach an authorizing resolution, designating a person authorized to sign on behalf of the agency, as an Appendix to the application. Furthermore, if a school district is one of the partnering agencies, a resolution from the school district's board must be submitted as an attachment to this application.

Eligible Public Agencies must provide a representative's contact information.

Legal Name of Applicant: Fresno County Rural Transit Agency		
Address: 2035 Tulare Street, Suite 201		
City, State, and Zip: Fresno, CA 93721	Phone: 559-263-8023	Email: delcampo@fresnocog.org

Eligible Public Agency's Representative

Name (print): Janelle Del Campo	Title (print): Associate Transit Planner	
Signature: 	Date: 7/23/18	
Email: delcampo@fresnocog.org		

APPLICANT ELIGIBILITY

Civil Rights

Describe any lawsuits or complaints that have been received or acted on in the last year based on Title VI of the Civil Rights Act or other relevant civil rights requirements by the partnering agency and/or the eligible applicant. This list should include only those lawsuits or complaints that pertain to allegations of discrimination on the basis of race, color, and/or national origin that pertain to the department of the agency submitting this application, not necessarily the larger agency of which the applicant is a part.

FCRTA is submitting the following response for the Civil Rights Requirement:
THERE WERE NO LAWSUITS OR COMPLAINTS RECEIVED OR ACTED ON IN THE
LAST YEAR RELATING TO TITLE VI OR OTHER RELEVANT CIVIL RIGHTS
REQUIREMENTS.

Furthermore, provide a status of lawsuits or an explanation of how complaints were resolved including corrective actions taken.

If **NO** lawsuits or complaints were received or acted on – subrecipient must provide the following statement:

THERE WERE NO LAWSUITS OR COMPLAINTS RECEIVED OR ACTED ON IN THE LAST YEAR RELATING TO TITLE VI OR OTHER RELEVANT CIVIL RIGHTS REQUIREMENTS.

Disadvantaged Business Enterprise

Disadvantaged Business Enterprise (DBE) Requirements

All successful applicants must submit a completed *Disadvantaged Business Enterprise Race-Neutral Implementation Agreement* with their signed Standard Agreement contract.

GRANT APPLICATION PROCEDURES

Project Selection Process

All project applications will be evaluated in accordance with the scoring criteria on pages 8-23 to determine the extent to which the proposed project meets the overall program goals and objectives of the programs. **Fresno COG will use volunteers from various multidisciplinary groups to recommend projects for funding through a competitive process and recommend funding levels.**

Fifteen (15) bound hard-copies, one (1) reproducible copy and one electronic copy (on CD or flash drive) of the **application must be submitted to Fresno COG before noon on July 23, 2018.** All copies shall be securely bound, e.g. spiral or comb bound (no clips, clamps, ringed binders, or rubber bands) except for the one reproducible copy. **All printing (including appendixes, but excluding maps) shall be limited to no more than 50 pages. All printing must be double-sided. If an application is single sided or over 50 double-sided pages, it will be rejected.** The original application must be marked "ORIGINAL COPY". All documents contained in the original application package must have original signatures. The copies of the application may contain photocopies of the original package (so long as the maps, photographs and other detailed exhibits are in color and/or high resolution that clearly depicts all relevant information.)

Applications must be submitted to the following address:

**Fresno Council of Governments
2035 Tulare Street, Suite 201
Fresno, CA 93721**

To the attention of: Peggy Arnest

Inquiries and Updates: Requests for clarification regarding this application must be submitted in writing via email to Peggy Arnest at parnest@fresnocog.org, and received by Fresno COG no later than 4:00 pm, Monday, June 4, 2018. Such information as is reasonably available and will facilitate preparation of responses hereto; requests for clarification and associated responses; and any Addenda to this RFP will be posted at: <http://www.fresnocog.org/Doing-Business-With-Fresno-COG> and will not otherwise be distributed.

The information in this application is public record. Therefore, applicants should not include information regarded as confidential.

GRANT APPLICATION PROCEDURES

Transmittal Letter

A. Applicant Information:

Legal Name: Fresno County Rural Transit Agency

Address: 2035 Tulare Street, Suite 201

City/State/Zip: Fresno, CA 93721

Contact Person: Janelle Del Campo

E-mail: delcampo@fresnocog.org

Phone: 559-263-8023

Fax: 559-233-9645

B. Project Type (check one):

☒ Capital Only

☐ Capital and Operating

☐ Operating Only

☐ Other, please specify __Planning Project__

C. Project Information:

Project Title: FCRTA Rural Electric Vehicle Utilization Project (REVUP)

Project Description: Purchase 15 Chevy Bolt electric vehicles and 40 JuiceBox Level 2 chargers that *(Location/Boundaries, Nature of Project, Scope)* will be used to expand FCRTA's rural transit service in rural Fresno County.

D. Funding Request:

FFY 2018/2019

New Technology Funds Request:

\$748,000.00

Total Matching Funds:

\$250,000.00

(DOT federal, state, local, private, etc.)

Total Cost of Project:

\$998,000.00

E. Authorized Signature:

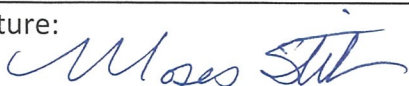
Name (print):

Moses Stites

Title (print)

General Manager

Signature:



Date

7/23/18

PROJECT/PROGRAM ELIGIBILITY - Subjective Evaluation (0 – 15 points)

APPLICATION INSTRUCTIONS:

NARRATIVE RESPONSES SHOULD BE CLEAR, COMPLETE, AND CONCISE. INSERT ADDITIONAL SPACE WHERE NEEDED TO COMPLETE QUESTIONS (e.g., application for page 8, continuing pages should be numbered 8a, 8b, 8c...etc.). ALL ADDITIONAL DOCUMENTATION SHOULD BE INCLUDED IN A DISTINCTLY LABELED SECOND PART OF YOUR APPLICATION LABELED AS THE "APPENDIX." THE NARRATIVE SHOULD INDICATE SPECIFIC DOCUMENTATION AND INCLUDE A REFERENCE TO WHERE IT CAN BE FOUND IN YOUR APPENDIX. USE MULTIPLE TABS IN THE APPENDICES, IF NEEDED, TO IDENTIFY CORRESPONDING DOCUMENTATION.

1. Provide a brief executive summary of your project/program – **no more than 100 words**. Include a description, objective, information on the organization and the partnering agency (if any). Provide a summary of the funding request, total project/program cost, and important timelines. There is a question asking for a detailed description of the project/program in the Readiness section on page 11.

FCRTA is the transit provider for the rural areas of Fresno County and provides primarily two types of transit service, intra-city demand response and inter-city fixed route. FCRTA will purchase and operate 15 Chevy Bolt electric vehicles, 40 JuiceBox Chargers and Syncromatics Ride Hail App. Chevy Bolt electric vehicle and Ride Hail will be used to expand FCRTA's existing demand response rural transit service for the rural communities in Fresno County. FCRTA is requesting \$748,000 in funding and total project cost is \$998,000. Project will take approximately 10 months starting in January and completion expected by October 2019.

2. **Briefly** describe the geographic area that will be served by the project/program.
Attach an 8½ x 11 map of the service area.

The geographic area served by the project includes a large portion of rural Fresno County outside the City of Fresno-Clovis Metropolitan Area (FCMA) that is currently served by the Fresno County Rural Transit Agency (FCRTA) transit services. The proposed project will use new electric-powered vehicles that will operate in the same area as the existing FCRTA Rural Transit Service. The rural transit service area that will be served by this project are areas located outside the sphere of influence of the 13 incorporated cities of Fresno County--Coalinga, Firebaugh, Fowler, Huron, Kerman, Kingsburg, Mendota, Orange Cove, Parlier, Reedley, Sanger, San Joaquin, and Selma. Map of FCRTA service area is attached in Appendix A.

PROJECT/PROGRAM ELIGIBILITY - Subjective Evaluation (continued)

3. Briefly list and describe all agencies with which your eligible public agency will partner with on this project/program. (If your public agency is not partnering, then please skip to the next page.)

This information should include, but not be limited to the following:

- General business history

The proposed project is not applicable to this section.

- General experience with the development and implementation of transportation projects/programs
- Specific experience with projects similar to the proposed project/program
- Ability to deliver projects/programs in a timely manner. Provide examples.

PROJECT/PROGRAM ELIGIBILITY - Subjective Evaluation (continued)

4. Briefly describe the following aspects of your project/program, if applicable:

- Consistency with the most current adopted Regional Transportation Plan & Sustainable Community Strategy (RTP/SCS). Cite applicable verbiage from the 2014 RTP/SCS and the Chapter and Page numbers where found.

The 2014 RTP/SCS Chapter 4 Section 4.12 Page 4-25: calls for an expansion and improvement of the public transit network and transit service on new and existing routes, resulting in greater transit accessibility.

This project is consistent with Section 4.12 in that it will expand the existing public transit network in Fresno County by expanding FCRTA's existing rural transit service using electric vehicles to increase accessibility for rural residents located outside the sphere of influence of the 13 incorporated cities.

The 2014 RTP/SCS Chapter 4 Section 4.4 Page 4-5: the GHG targets set for the Fresno region call for a 5 percent per capita reduction by 2020, and a 10 percent per capita reduction by 2035.

This project is consistent with Section 4.4 in that it will utilize electric vehicles for the expansion of the rural transit service so this service expansion will not increase GHG emissions in the Fresno County area as well as reduce vehicle miles traveled from new passengers utilizing the rural transit service expansion instead of a gasoline passenger vehicle.

The 2014 RTP/SCS Chapter 5 Section 5.5 Page 5-76: Maintain service for the transit dependent population (i.e. elderly and disabled). Basic services are literally a lifeline between this growing segment of the population and required services to sustain one's quality of life.

This project is consistent with Section 5.5 in that it will expand the existing rural transit service that provides a lifeline service for rural transit dependent populations that may not have access to transit otherwise.

- Describe how this project/program will be integrated into the member agency's circulation element of its general plan or their Complete Streets Policy.

This proposed project is already integrated into the circulation element of the general plan because the transit uses are already approved and a part of the Circulation Element of the general plan; this project promotes a safe and efficient transit system that provides service to residents without access to automobiles; considers the transit needs of senior, disabled, low-income, and transit-dependent persons; and will make use of the existing circulation or road network in Fresno County while enhancing it because the proposed service will presumably save trips and take cars off the road.

PROJECT/PROGRAM ELIGIBILITY - Readiness (0 – 10 points)

1. Provide a detailed description of the project/program.

Fresno County Rural Transit Agency, with CALSTART as a subcontractor, is proposing the Rural Electric Vehicle Utilization Project (REVUP) and requesting \$748,000 in capital funding for a project that will include the purchase of 15 Chevy Bolt electric vehicles, 40 JuiceBox charging units and Syncromatics "Ride Hail" smartphone app. Total project costs are estimated at \$998,000. The Bolts can hold four passengers and they have an EPA-estimated 238-mile range on a full charge. Bolts have several charging capabilities that allow up to a 90-mile range after approximately 30 minutes of charging time, depending on the charger.

2. Describe the project/program work plan. This section of the application documents the current delivery phase of a project/program and the applicant's proposed schedule for implementation. For each of the project milestones or significant stage in development, applicants must list the dates that previous milestones were completed or the dates applicants anticipate completing current and/or future milestones.

The project work plan involves the significant stages of purchasing and delivery of the 15 Chevy Bolt electric vehicles and installing JuiceBox Chargers and Ride Hail App. The notice to proceed will be issued tentatively January 2019 and will be completed May 2019. 15 Chevy Bolt vehicles will be ordered May 2019 and will be delivered July 2019. The JuiceBox Chargers will be ordered May 2019 and will be delivered by July 2019. The Ride Hail App will be installed in May 2019 and will be tested on the rural transit service starting in July 2019. The vehicles will be tested on the existing rural transit service and charging stations in August 2019 and will then be operational for the expansion of the rural transit service by October 2019. A project work plan with dates is attached in Appendix C.

3. Applicants must demonstrate the ability (staff and resources) of the agency to complete the project/program on time and within budget. Attach a project/program schedule in the appendix.

FCRTA has a long history of delivering projects/programs in a timely manner and within budget. FCRTA routinely carries out and administers a variety of grant projects using both State and Federal funds. These grant projects include the procurement and operation of transit vehicles, the installation of transit infrastructure and equipment, and transit operations. FCRTA has repeatedly shown that it usually requires only a few months lead time for the establishment of new bus services.

Continued from Page 11, Question 1- Description of Project:

These 15 Chevy Bolt vehicles will be used to expand the existing FCRTA Rural Transit service. The rural transit service was introduced during Fiscal Year 2014-15, and this service addresses the previously unmet transit needs of truly rural area residents living beyond the existing FCRTA subsystem transit service areas outside the sphere of influence of each city. The rural transit service provides trips to these rural area residents that are lifeline services. Due to the unique nature of the rural transit service, trips are often individualized making the Chevy Bolt an ideal vehicle for this service compared a larger bus. The Syncromatics Ride Hail smartphone app will be a part of the rural transit service expansion. The Ride Hail smartphone app is a new dispatching App that would enable users to request rides for the demand response rural transit service using a smart phone App or url website. The Ride Hail app will also attract new customers and improve operating efficiencies since it will be incorporated into FCRTA existing dispatching operations. FCRTA will work to increase the existing amount of rural residents that utilize the rural transit service and group trips together to increase efficiency and also recommend new eligible passengers utilize other available services such as the Taxi Scrip Program.

Upon receipt of the notice to proceed on the project from Fresno COG tentatively January 2019, the Chevy Bolt vehicles will be purchased and ordered from local dealerships in rural Fresno County in May 2019. FCRTA will purchase 40 JuiceBox EV Charging Stations to charge the vehicles. The chargers will be installed at each of the 13 Fresno County incorporated city's police departments, community centers and maintenance yards and one at the FCRTA maintenance yard. The JuiceBox chargers are Level 2 chargers capable of up to 18kw and 75 Amp output and are compatible with all EV models. 13 of the electric vehicles will be stored at the 13 incorporated city's municipal yards and the 2 remaining electric vehicles to be used as back-up vehicles will be stored at FCRTA's maintenance facility. FCRTA currently has 4 ADA accessible vans that will be used in replace of a Chevy Bolt vehicle to accommodate any disabled passengers. The electric vehicles will be tested on the charging stations and operationally on the rural transit service route and the vehicles will be put into service in October 2019. Proposed locations for 40 JuiceBox Chargers are attached in Appendix B.

Continued from page 11 Question 3- Ability to complete project:

For example, the new Big Trees Transit service in 2015 and the College Routes in 2016 were all planned, developed, and implemented within six months of the decision to begin these services. CALSTART will also provide an additional resource as a subcontractor and provide technical and administrative services to complete the project on time. CALSTART has a long history of delivering projects/programs in a timely manner and routinely carries out and administers a variety of grant projects. CALSTART has been helping deploy clean transportation projects in Fresno County since 2015 and has brought over \$17 million in new project funding to the region. Examples include two regional summits focused on clean transportation vehicles and technology that have drawn hundreds of attendees and has helped deploy a wide array of vehicles within disadvantaged communities in the region including electric linen delivery trucks and the first production electric aircraft in the Unites States focused on developing flight training opportunities for youth from the cities of Reedley and Mendota. A project schedule is attached in Appendix D.

PROJECT/PROGRAM ELIGIBILITY - Environment (0 – 5 points)

1. Describe if and how the project/program will reduce greenhouse gas emissions.

By using zero-emission battery electric vehicles instead of gasoline vehicles for the expansion of the rural transit service, this service expansion will not increase GHG emissions or criteria pollutant emissions in the Fresno County area. Generally speaking, a typical passenger vehicle emits about 4.6 metric tons of CO₂ per year, compared to an electric vehicle that does not emit any CO₂. Based on calculations, this project will be expected to achieve an emission reduction of 59.32 metric tons of CO₂ per year through implementation of electric vehicles on the expansion of the rural transit service. Description of this project's GHG emission reduction is attached in Appendix E.

2. Describe if and how the project/program will improve the environment in other ways.

This project will improve the environment in other ways by promoting reliable/efficient mobility, meet GHG reduction goals, promote energy conservation, and preserve the land, resources and character of Fresno County. FCRTA proposes expanding its rural transit service which will utilize Chevy Bolt electric vehicles, these vehicles will have zero emissions thus working to reduce GHG emissions. By using electric vehicles FCRTA is promoting energy conservation and helping reduce air pollution in Fresno County. The Chevy Bolt vehicles will be refueled using JuiceBox chargers that are mounted to an existing structure so no aspect of this project will necessitate any changes to the open land or environment in Fresno County. There will be no changes to traffic patterns or rural or urban development. This project will be an expansion of FCRTA's existing transit services and will have no significant impact on the environment or the natural character of Fresno County. Typically, transit service by nature does very little, if anything, to burden the environment it operates in.

PROJECT/PROGRAM ELIGIBILITY - Public Benefit (0 – 15 points)

1. Describe how the project/program will impact and provide a direct public benefit to Fresno County residents that are both transit and non-transit users.

The proposed REVUP project provides a direct public benefit to Fresno County residents that are both transit and non-transit users by helping economies, disadvantaged communities, reducing air pollution and expanding service. The expansion of FCRTA rural transit service will utilize electric vehicles that will reduce GHG emissions for both transit and non-transit users and the air quality benefits will help improve overall health of residents living in an area with some of the highest levels of air pollution in the country. A major transit system that relies on zero-emission technology which will produce limited to no GHG emissions will represent an important step in improving local health and providing a direct public benefit to both transit and non-transit users.

2. Explain the public need for the project/program.
If applicable, attach a feasibility study for the project/program as an appendix. If one is not available, provide justification to how the public need was determined.

FCRTA believes there is a demand for increased service in the existing rural transit service for Fresno County residents located outside the sphere of influence (SOI) of the 13 incorporated cities in Fresno County. The rural transit service was introduced during Fiscal Year 2014-15, and this service addresses the previously unmet transit needs of truly rural area residents living beyond the existing FCRTA subsystem transit service areas outside the SOI of each city. These residents located outside the sphere of influence of the 13 incorporated cities in Fresno County have limited to no access to transportation.

3. Describe how the project/program will improve the economic vitality of Fresno County.

This project includes the expansion of the existing rural transit service which will support the economic vitality of Fresno County by helping increase the access of people to job/educational opportunities throughout the County and will provide some employment opportunities that may go to residents of disadvantaged communities. Increased public transportation boosts local economies, by providing both transit-related employment opportunities as well as helping particularly low-income people reach places of employment and commerce that they might not otherwise be able to get to. The proposed expansion of the existing rural transit service will provide demand response rides from small rural disadvantaged communities into the Fresno/Clovis area for medical services and employment or educational opportunities.

Continued from Page 13 Question 1- Public Benefit:

This project will enhance the existing service providing benefit to transit users from disadvantaged communities going to Fresno/Clovis for doctor appointments and employment or education opportunities. This project adds capacity for FCRTA to meet the mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services and enhancing it with the Ride Hail Mobile App, and avoids the addition of new programs for rural residents to have to learn to access. Increased public transportation also boosts local economies, by both providing transit-related employment opportunities as well as helping particularly low-income people reach places that they might not otherwise be able to get to. By utilizing electric vehicles for rural transit service, the general public, and many local public agencies, will become more comfortable with electric cars, electric trucks, and electric buses as viable alternatives to conventional internal combustion engine technology. Wider acceptance of zero emission electric transportation options in Fresno County will further increase air quality benefits and lower the cost for transportation for Fresno County residents due to the lower cost for electric vehicles in terms of fuel and maintenance costs.

Continued from Page 13 Question 2- Public Need of Project:

FCRTA currently operates intra-city demand response services that are available to residents located inside the SOI of each incorporated city as well as multiple fixed route inter-city services where many of the stops are not accessible for those residents living outside the SOI in these rural areas. While there is currently not a feasibility study, FCRTA will be doing a study with SB1 Sustainable Infrastructure Planning Grant funding to research expanding FCRTA's rural transit service and as well as a regional rural transit service that will create service regions for rural transit service using electric vehicles. The study will produce a detailed operational plan for both the rural transit study and regional rural transit study and will further the goal of deploying new and innovative ideas by incorporating electric vehicle technology with these non-traditional transit service projects. The rural transit service began with under 20 passengers and there are now currently 80 active rural transit riders indicating there is a demand for this service in the rural communities. The proposed rural transit service expansion will add substantial service to FCRTA's existing demand response rural transit service, increasing non-traditional transit options for residents located outside the sphere of influence of the 13 incorporated cities in Fresno County. By expanding the rural transit service, FCRTA will be able to accommodate a greater amount of rural transit riders and additionally refer them to other eligible program such as the Taxi Scrip Program. Increasing access to transit is also consistent with the goals and best practices of Fresno COG's RTP/SCS, 2014 RTP Guidelines and CTP 2040. Map of rural transit riders attached in Appendix F.

Continued from Page 13 Question 3- Improve economic vitality of Fresno County:

The project will provide rural residents, including disadvantaged and transit-dependent populations, with a high quality transit option that is safe and efficient, allowing those residents to reach Fresno easily and contribute to the local economy through their own commerce or employment. FCRTA has always seen itself as a contributor to the economy of Fresno County as a whole by providing needed transportation service on a large scale.

Several studies conducted on communities elsewhere in the United States indicate that public transit improvements and transit oriented development can improve economic opportunities and reduce poverty rates. It is expected that the proposed project (as well as other transit developments) would have a similar effect in Fresno County. Many low-income people cannot drive due to disability, financial, or legal constraints, and those that do often have unreliable vehicles and frequently need alternative mobility options. As a result, it is not surprising that when disadvantaged populations have access to high-quality transit options, the labor participation increases, particularly by lower-income workers, improving the regional economy.

PROJECT/PROGRAM ELIGIBILITY - Public Benefit (continued)

4. Describe the safety/security features of the project/program.

Research has indicated that public transportation, in general, is a relatively safe (low crash risk) and secure (low crime risk) transport mode and as such, the proposed project will provide safe means of transportation for rural Fresno County residents, including those from disadvantaged community groups. This project will increase the safety of riders using electric vehicles and the expansion of the FCRTA rural transit service. The Chevy Bolt electric vehicles to be purchased for this project have safety features that typical sedans do not have including stability control system that automatically senses when the vehicles handling limits have been exceeded and reduces engine power and/or applies select brakes to help prevent the driver from losing control of the vehicle as well as 10 airbags, front impact airbags, side impact airbags, overhead airbags and knee airbags to protect the passengers in any type of collision. The Chevy Bolt vehicles to be purchased for this project will also be equipped with a security camera within the vehicles interior.

5. How will the project/program improve accessibility for disabled Fresno County residents?

A majority of FCRTA's current ridership consists of disadvantaged, transit-dependent populations in rural Fresno County communities, including the elderly and disabled. Many of these residents do not have a cost effective and efficient means of reaching destinations in Fresno. The existing rural transit service is an affordable service and features 4 vehicles and this project proposes adding 15 Chevy Bolt electric vehicles to expand this rural transit service. The 4 ADA accessible vehicles will be allocated for disabled Fresno County residents improving accessibility for the disabled Fresno County residents for this service. This project is an expansion of the existing rural transit service and will improve accessibility by using the existing dispatch services and avoiding the addition of new programs that rural disabled residents would have to learn how to use.

The Ride Hail Mobile App will be incorporated into the existing dispatch for the rural transit service expansion to attract new passengers and accommodate existing passengers that would like to use a Mobile App or URL website to request a ride providing improved access to demand response service for passengers and disabled passengers.

6. Describe how the project/program will improve connectivity and enhance current transportation operations.

The REVUP project is an expansion of the current FCRTA rural transit service and will enhance the current transit operations. This project will increase the accessibility to transit service for many residents throughout Fresno County that have little or no access to transit services. This project will expand the current rural transit service with the Ride Hail Mobile App and will result in demand response service that is more flexible, reliable, and easier to use.

Continued from Page 14 Question 6- Improve Connectivity and Enhance Current Transit Operations:

The expanded rural transit service will serve areas that were previously underserved or not served at all and provide more access and connectivity to activity/job centers in Fresno/Clovis area. The 15 Chevy Bolt electric vehicles to be purchased for this project will be dedicated expanding the Rural Transit service making it more timely and efficient than the current demand response service. This project enhances current operations and adds capacity for FCRTA to meet the mobility needs of rural community residents, add innovative and non-traditional transit services in rural Fresno County's disadvantaged communities, enhancing the existing dispatch and routing services, and avoids the addition of new programs for residents to have to learn to access.

PROJECT/PROGRAM ELIGIBILITY - Innovation (0 – 25 points)

1. Identify and clearly describe the advanced technology(ies) utilized in the project/program and how the project/program utilizes advanced technology(ies) beyond the level of existing technology(ies) currently used in transit and transportation systems in widespread applications.

This project utilizes advanced technologies with 15 Chevy Bolt electric vehicles. The Chevy Bolt is an all-electric vehicle that can hold four passengers and they have an EPA-estimated 238-mile range on a full charge. Bolts have several charging capabilities that allow up to a 90-mile range after approximately 30 minutes of charging time, depending on the charger. The Chevrolet Bolt EV also has 56.6 cubic feet for storage and 4G LTE Wi-Fi capabilities, which will allow passengers to check email and complete other work while riding. This project will utilize advanced technologies beyond the level of existing technologies used in current transit and transportation systems, by incorporating the Chevy Bolt electric vehicles and a smart phone App into an expansion of the FCRTA rural transit service. The expansion of the rural transit service would use the existing dispatching to incorporate the Syncromatics Easy Rides "Ride Hail" App. The Ride Hail App is a new dispatching App that would enable users to request rides for the demand response rural transit service using a smart phone App or url website. The rural transit service is a unique demand response service providing trips for lifeline services for passengers located outside the sphere of influence in the 13 incorporated cities in Fresno County. Using the Chevy Bolt electric vehicles and the Ride Hail App to expand this service is an innovative way to incorporate electric vehicle advanced technology into non-traditional transit services with the current FCRTA transit services and is currently not being done in transit systems in widespread applications. Trips are often individualized based on the nature of the rural transit service but this service is currently operated with 4 Van vehicles. Utilizing the Chevy Bolt electric vehicle for this service expansion is a unique and innovative vehicle choice for this type of service and will make it more efficient, safe and more accessible for Fresno County residents that do not have access to transit.

2. Describe if and how this project incorporates energy storage.

While the initial operation of the REVUP project will be from grid supplied electricity from JuiceBox chargers, this project will also utilize the existing solar EV charging infrastructure to charge these 15 Chevy Bolt vehicles as needed. FCRTA currently has 13 Envision Solar EV Arc charging stations located at the 13 incorporated cities in Fresno County. The Envision Solar EV Arc is a transportable solar powered EV charger that fits inside a parking space and generates enough clean, solar electricity to power up to 225 miles of EV driving in a day. The energy is stored in the EV Arc and can be used for charging during the day or at night for the 15 Chevy Bolt electric vehicles or other electric vehicles. The energy storage provided by the EV Arc includes back-up energy storage for emergency services and emergency power during a grid failure. Photo of Solar EV Charging Infrastructure Attached in Appendix G.

PROJECT/PROGRAM ELIGIBILITY - Innovation (continued)

3. If applicable, describe how a research project(s)/program(s) will further the goal of developing and deploying new and innovative ideas, practices, and approaches.

FCRTA will be doing a study with SB1 Sustainable Infrastructure Planning Grant funding to research expanding FCRTA's rural transit service and as well as a regional rural transit service that will create service regions for rural transit service using electric vehicles. The study will produce a detailed operational plan for both the rural transit study and regional rural transit study and will further the goal of deploying new and innovative ideas by incorporating electric vehicle technology with these non-traditional transit service projects.

4. Explain how the project/program will provide more efficient and effective delivery of public transportation services through the use of the new technology or technological capacity improvements.

The proposed REVUP project will provide more efficient and effective delivery of public transportation services through the use of new technology by purchasing 15 Chevy Bolt electric vehicles and using these vehicles to expand the existing FCRTA rural transit service. The current FCRTA rural transit service is a demand response service that addresses the previously unmet transit needs of truly rural area residents living beyond the existing FCRTA subsystem transit service areas outside the sphere of influence of each city. This service is currently operated with 4 van vehicles and there are currently 80 registered rural transit riders. The number of active rural transit riders continues to increase and by increasing the vehicles for this service from 4 to 19 and adding the Ride Hail App provides the capacity to deliver more efficient and effective services to a greater amount of rural transit riders and attract new passengers using smart phone App and electric vehicle technology. This project will result in a demand response service that is more flexible, reliable, and easier to use. The expanded rural transit service adds capacity to meet the mobility needs of rural community residents and will serve areas that were previously underserved or not served at all and provide more access and connectivity to activity/job centers in Fresno/Clovis area. The 15 Chevy Bolt electric vehicles to be purchased for this project will be dedicated to expanding the Rural Transit service making it more timely and reliable than the current demand response service. The 40 JuiceBox chargers to be purchased for this project will increase available charging as FCRTA continues to move towards 100% EV fleet and will provide more efficient and effective delivery of public transit services. By expanding the rural transit program FCRTA will be able to accommodate a greater amount of rural transit riders and additionally refer eligible riders to other programs such as the Taxi Scrip Program.

PROJECT/PROGRAM ELIGIBILITY - Replication & Regional Applicability (0 – 10 points)

1. Explain how the project/program has the potential for replication and/or growth in other areas of the Fresno County region.

This project includes 15 Chevy Bolt electric vehicles to be purchased and to be used to expand the existing FCRTA rural transit service. The 15 electric vehicles will be stationed at the 13 incorporated cities in rural Fresno County allowing 2 as back-up as well as 4 ADA accessible vans that FCRTA already owns to accommodate disabled passengers. The 13 Chevy Bolt electric vehicles will be charged with JuiceBox Level 2 chargers at the 13 city's municipal yards, police departments and community centers or where FCRTA charging infrastructure already exists. FCRTA will not be creating a new service, but expanding the existing rural transit service to provide additional service to rural Fresno County residents to accommodate any underserved clients for this service.

This simple project design easily allows this project to be replicated by other transit agencies and other communities in the Fresno County region and elsewhere in California. For example, it would not be very difficult for another transit agency, like Fresno Area Express (FAX) or Clovis Round Up Transit, to emulate FCRTA's project design by using a demand response Mobile App and purchasing their own electric vehicles and charging infrastructure, then employing those vehicles on their own select demand response routes in Fresno and Clovis or create a non-traditional transit service such as FCRTA's rural transit service. The outlying rural communities could eventually develop similar transit programs if they have the funding to purchase the necessary vehicles and equipment.

PROJECT/PROGRAM ELIGIBILITY - Environmental Justice Benefits (0 – 10 points)

1. Describe if and how the project/program will provide **health benefits** to disadvantaged communities.

In Fresno County, which has some of the highest GHG levels and worst air quality in the United States, a major transit system that relies on zero-emission technology and will produce limited to no GHG emissions will represent an important step in improving local health. The 15 Chevy Bolt electric vehicles to be purchased for this project will have zero emissions thus working to reduce GHG emissions and improving air quality whenever and wherever they operate. Research also indicates that public transit improvements and more transit oriented development can provide large, but often overlooked, health benefits in the communities where such improvements take place. People who live or work in communities with high quality public transportation tend to drive significantly less and rely more on alternative modes (walking, cycling and public transit) than they would in more automobile-oriented areas. This reduces traffic crashes and pollution emissions, increases physical fitness and mental health, and provides access to medical care and healthy food.

2. Describe if and how the project/program will provide **economic and/or improved public services** to disadvantaged communities.

Of the communities served in this project, many of them are located in an Environmental Justice (EJ) area. These populations are defined by high levels of concentrated poverty and limited access to basic economic and health opportunities. FCRTA has long served these communities by providing local transportation services for some of the most disadvantaged and transit-dependent populations, including the elderly and disabled. However, even with FCRTA's existing services, many of the most at-risk populations still cannot easily reach Fresno or other areas of better opportunity due to travel times or accessibility to transit forming a barrier to efficient mobility. This project will expand the existing rural transit service utilizing electric vehicles which will add substantial service to these rural disadvantaged communities and increases transit options to residents going to medical appointments and employment or educational opportunities living in these disadvantaged communities. The project will provide rural residents, including disadvantaged and transit-dependent populations, with a high quality transit option that is safe and efficient, allowing those residents to reach Fresno easily and providing economic services through their own commerce or employment.

For more information on environmental justice areas in Fresno County, see the Fresno COG environmental justice plan found at <http://www.fresnocoq.org/environmental-justice>.

PROJECT/PROGRAM MATCH FUNDING COMMITMENTS (0 – 10 points)

- Discuss the project/program funding strategy, clearly indicating total cost, authorization amounts and dates for all funding sources committed or anticipated to fully fund the project. Include a contingency plan if anticipated funding does not materialize.
Attach an electronic copy of a current audited financial statement of all agencies with which your eligible public agency will partner as an appendix to the electronic copy of your agency's application. Do NOT submit a hard copy of the audited financial statement. Additionally, do NOT submit a copy of a Fresno COG member agency's audited financial statement.

See copy of actual project budget on page 19a.

PROPOSED FUNDING									
Fund No. 1:									Program Code
Proposed Funding									
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Fresno COG
PS&E									Grant request funding for purchase 15 Chevy Bolt electric vehicles
R/W SUP									
CON SUP									
R/W									
CON			615,000					615,000	
TOTAL			615,000					615,000	

Fund No. 2:									Program Code
Proposed Funding									
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Fresno COG
PS&E									Grant request funding for purchase and installation of 40 JuiceBox level 2 charging units
R/W SUP									
CON SUP			40,000					40,000	
R/W									
CON			38,000					38,000	
TOTAL			78,000					78,000	

Fund No. 3:									Program Code
Proposed Funding									
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Fresno COG
PS&E									Grant request funding for purchase of Syncromatics Ride Hail App Module
R/W SUP									
CON SUP									
R/W									
CON			30,000					30,000	
TOTAL			30,000					30,000	

Fund No. 3:	Proposed Funding								Program Code
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Fresno COG
PS&E									Grant request funding for project administration and support, to be provided by CALSTART
R/W SUP									
CON SUP			25,000					25,000	
R/W									
CON									
TOTAL			25,000					25,000	

Grant Expenses

Project Admin. Cost

Match Funding

Total Grant Request	\$	748,000.00
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Total Project Cost	\$	998,000.00
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I certify that the information contained in the Proposed Funding table above is accurate to the best of my knowledge and that I am authorized to submit the project/program proposal for scoring and possible programming. The agency is required to identify matching funds, if any, and deliver the project as proposed within the scope and schedule specified in the application should the project be awarded funding.

Signed: Moses Stites

Printed Name: Moses Stites _____

Date: 7/23/18

PROPOSED BUDGET FOR OPERATIONAL PROJECTS/PROGRAMS

SECTION NOT APPLICABLE: FCRTA is NOT requesting funding for operations associated with the proposed project. Operations will be funded by existing Measure C funding received by FCRTA.

PROJECT ANNUAL BUDGET:

Estimated Income:	
a. Passenger Revenue	\$
b. Other Revenues	\$
c. Total grants*, donations, subsidy from other agency funds	\$
TOTAL INCOME	\$
*Not including this grant request.	
Estimated Expenses:	
a. Wages, Salaries and Benefits (non-maintenance personnel)	\$
b. Maintenance & Repair (include maintenance salaries)	\$
c. Fuels	\$
d. Casualty & Liability Insurance	\$
e. Administrative & General Expense	\$
f. Other Expenses (e.g., materials & supplies, taxes)	\$
g. Contract Services (specify) _____	\$
TOTAL EXPENSES	\$

PERFORMANCE MEASURES

1. List performance measures your agency will use to track the effectiveness of this project.

Base Statistics to collect on an annual basis:

- Passenger/Ridership Numbers
- Revenue Hours
- Revenue Miles
- Fare Revenues
- Operating Costs
- Average miles traveled per electric charge
- kWh electricity used per day
- Miles traveled per kWh

Performance Measures:

- Passengers/revenue hour
- Passengers/revenue mile
- Cost/revenue hour
- Cost/revenue mile
- Cost/passenger trip
- Miles traveled per kWh
- Number kWh used per day
- Average fare
- Farebox recovery

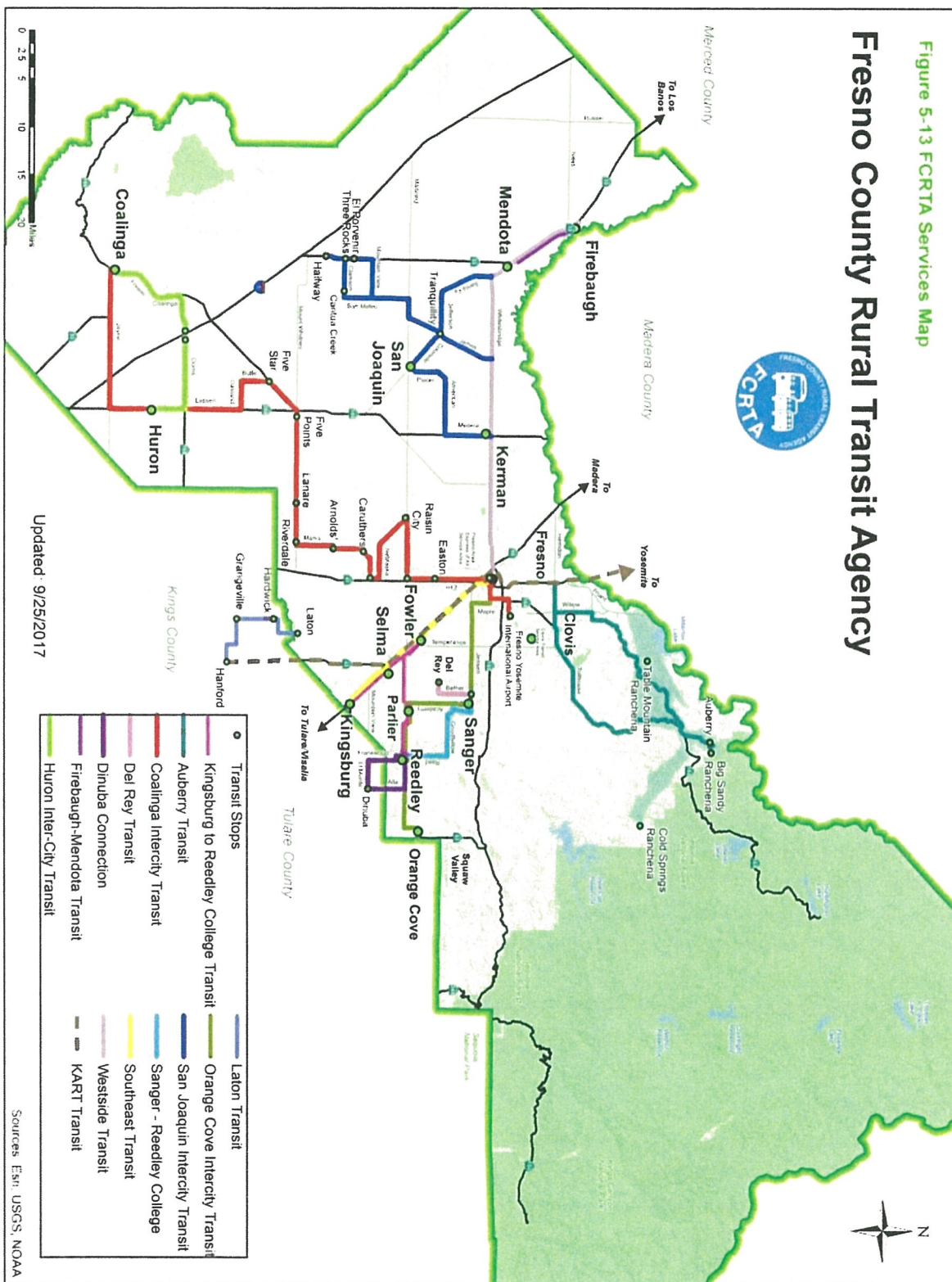
2. Describe how your agency will monitor, evaluate, and report on the service your agency proposes to provide.

FCRTA as part of their normal practices, policies, and procedures, constantly monitors its transit operations activities on a daily, weekly, and monthly basis. The performance measures shown above are based on ridership goals, economic viability of the transit system, GHG emissions reductions goals, energy efficiency/savings goals, and requirements by Caltrans for transit service. These performance measures are grouped into two categories: base statistics and performance measures. The base statistics are the data for which the performance measures will be measured against annually for the proposed transit service. For all of its transit operations, FCRTA already tracks data and compiles reports regarding ridership, mileage, Maintenance/Operating costs, and other activities. FCRTA will do this same type of reporting for the proposed grant activities, though additional data regarding electric usage, including miles traveled per electric charge, miles traveled per kWh, and kWh used per day will also be tracked and included in the reports. FCRTA will also fully complete any and all grant-mandated status reports and/or updates for evaluative purposes as required on a quarterly or annual basis.

**New Technology Reserve Grant Program
FCRTA Rural Electric Vehicle Expansion Project (REVUP)**

- Appendix A:** 8½ x 11-inch Map of FCRTA Service Area
- Appendix B:** JuiceBox Charger Locations
- Appendix C:** FCRTA Project Work Plan
- Appendix D:** FCRTA Project Schedule
- Appendix E:** GHG Reduction Calculations
- Appendix F:** Map of current FCRTA rural transit riders
- Appendix G:** Photo of existing FCRTA solar charging stations

Appendix A Map of FCRTA Service Area



Appendix B

Proposed JuiceBox Charger Locations

City Yards

FCRTA Permanent Maintenance Site- 1821 Pacific Avenue Selma, CA 93662

Coalinga City Yard- 185 W. Gale Ave, Coalinga Ca, 93210

Firebaugh City Yard- 1666 11th St. Firebaugh CA, 93622

Fowler City Yard- 231 S 5th St, Fowler, Ca 93625

Huron City Yard- 3611 Lassen Ave Huron, Ca 93234

Kerman City Yard- 15201 W. California, Kerman Ca 93630

Kingsburg City Yard- 1200 W. Kern St, Kingsburg, Ca 93631

Mendota City Yard- 1300 2nd St. Mendota, Ca 93640

Orange Cove City Yard- 802 2nd St. Orange Cove, Ca 93646

Parlier City Yard- 8770 Mendocino, Parlier, Ca 93648

Reedley City Yard- 1108 South I St. Reedley, Ca93654

San Joaquin City Yard- 21956 W. Railroad Ave, San Joaquin, Ca 93660

Sanger City Yard- 333 North Ave. Sanger, Ca 93657

Police Departments

Coalinga Police Department- 270 N 6th St, Coalinga, CA 93210

Firebaugh Police Department- 1575 11th St, Firebaugh, CA 93622

Fowler Police Department- 128 S 5th St, Fowler, CA 93625

Huron Police Department- 128 S 5th St, Fowler, CA 93625

Kerman Police Department- 850 S Madera Ave, Kerman, CA 93630

Kingsburg Police Department- 1300 California St, Kingsburg, CA 93631

Mendota Police Department- 1000 Airport Blvd, Mendota, CA 93640

Orange Cove Police Department- 550 Center St, Orange Cove, CA 93646

Parlier Police Department- 8770 S Mendocino Ave, Parlier, CA 93648

Reedley Police Department- 843 G St, Reedley, CA 93654

Fresno County Sheriff Office- 21925 W Manning Ave, San Joaquin, CA 93660

Sanger Police Department-1700 7th St, Sanger, CA 93657

Selma Police Department- 1935 E Front St, Selma, CA 93662

Community Centers

Orange Cove Community Center- 1705 Anchor Ave

Kingsburg Senior Center- 1450 Ellis St

Coalinga Keck Community Center- 555 Monroe st

Selma Senior Center- 2301 Selma St

Huron Keenan Community Center- 17094 Myrtle St

San Joaquin Branch Library- 8781 S Main St

Mendota Community Center- 295 Tuft St

Firebaugh Senior Center-1601 Thomas Conboy Ave

Kerman Community Center- 15101 W Kearny Blvd
Fowler Edwin Blyney Senior Center- 108 N 3rd St
Sanger Community Center- 730 Recreation Ave
Parlier Community Center- 1100 E Parlier Ave
Reedley- 100 Northeast Ave

Appendix C
FCRTA Project Work Plan & Schedule

New Technology Grant Program

Agency Name:	Fresno County Rural Transit Agency (FCRTA)
Project Title:	FCRTA Electric Vehicle/Rural Transit Service Expansion Project

Project Component	Purchase 15 Chevy Bolt Electric Vehicles & 39 JuiceBox Level 2 Charging Units
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Task/ Milestone		Expected Start Date	Expected End Date
Task 1	Obtain Notice to Proceed	1/1/2019	5/1/2019
Subtask 1	Submit signed grant contract to Fresno COG	1/15/2019	5/1/2019
Task 2	Order and Receive JuiceBox Charging Units	5/1/2019	7/1/2019
Subtask 1	Order charging units	5/1/2019	6/1/2019
Subtask 2	Delivery of charging units	6/1/2019	7/1/2019
Task 3	Order and Receive Chevy Bolt Vehicles	5/1/2019	7/31/2019
Subtask 1	Order vehicles from local rural dealerships	5/1/2019	6/1/2019
Subtask 2	Delivery of Chevy Bolt vehicles	6/1/2019	7/31/2019
Task 4	Install and Test Ride Hail App	5/1/2019	8/1/2019
Subtask 1	Install Ride Hail App	5/1/2019	7/1/2019
Subtask 2	Test Ride Hail on Rural Transit Service	7/1/2019	10/1/2019
Task 5	Test & Commission Chevy Bolt Electric Vehicles	8/1/2019	10/1/2019
Subtask 1	Test vehicles on rural transit route	8/1/2019	8/31/2019
Subtask 2	Test vehicles on charging stations	8/1/2019	8/31/2019
Subtask 3	Commission vehicles and implement into expanded rural transit service	9/1/2019	10/1/2019
Total months to complete project: 10			

Appendix D

FCRTA Project Schedule

	January	February	March	April	May	June	July	August	September	October
Obtain Notice to Proceed										
Submit signed contract to FCOG										
Order JuiceBox Charging Units										
Delivery of JuiceBox Charging Units										
Order Chevy Bolt vehicles										
Delivery of Chevy Bolt Vehicles										
Install Ride Hail App										
Test Ride Hail on Rural Transit Service										
Test vehicles on rural transit service										
Test vehicles on charging stations										
Commission vehicles and implement into service										

Appendix E GHG Calculations

FCRTA - GHG Emission Reductions - BOLT

There are 15 light duty passenger vehicles being considered for expansion. All of them would be built and purchase in 2018.

The average annual mileage for all vehicles is: 15,600

Total Emissions Reduced by Purchasing 15 Bolts Instead of 15 Gas-powered Passenger Cars						
Metric Tons Reduction	HC	CO	NOx	PM	CO2	SOx
Annual	0.00	0.08	0.01	0.00	59.32	0.00
Lifetime (12 years)	0.04	0.95	0.07	0.01	711.82	0.01

Total Energy Usage by Opting for 15 Chevy Bolts Instead of 15 Gas-Powered Cars			
Energy Consumed:	Gas Car	Bolts	Net Reduction
Annual Fuel (GGE):	624	0	-624
Annual KWH:	20,848	3,900	-16,948
Lifetime KWH:	250,174	46,800	-203,374

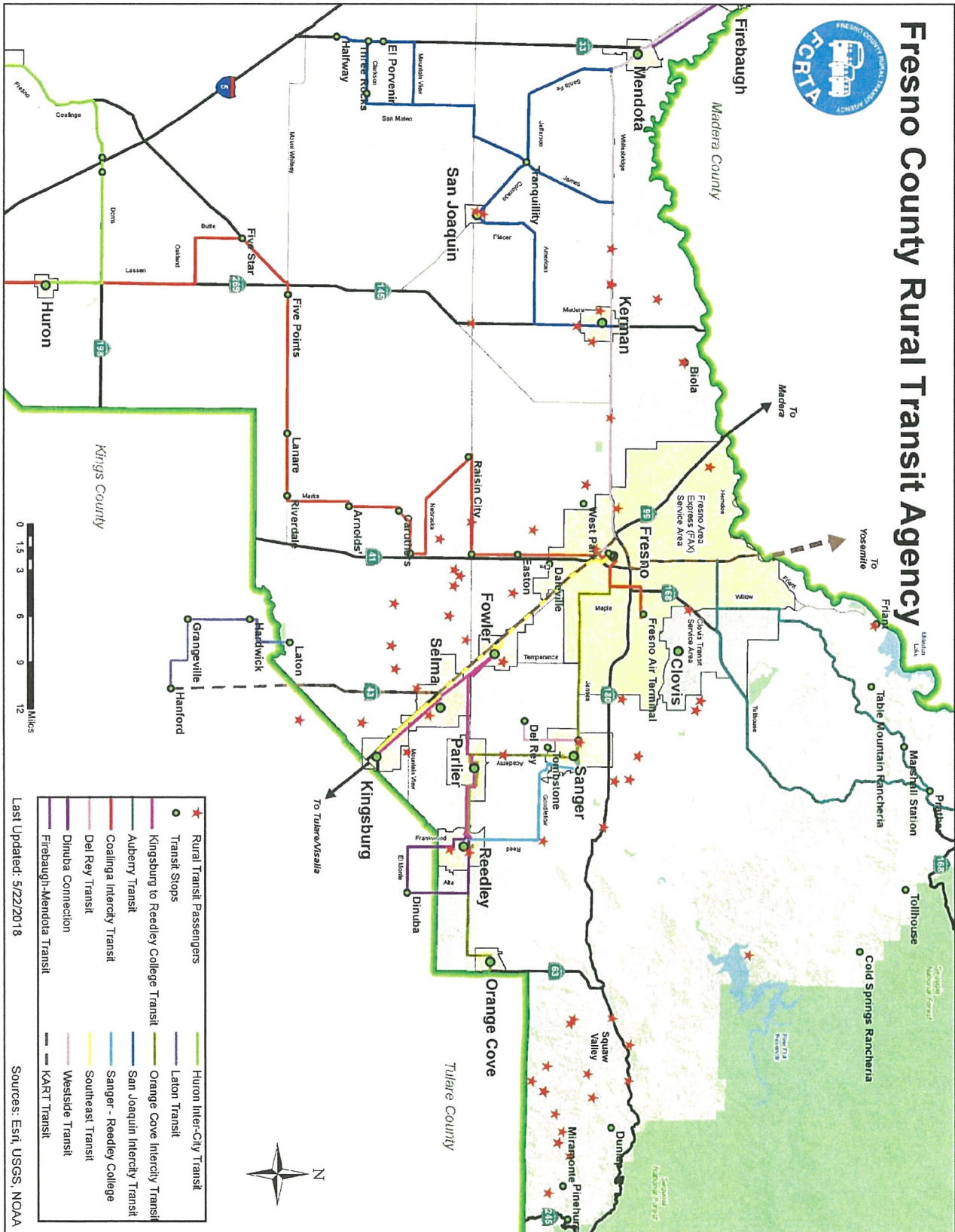
GHG Technical Breakdown - 15 Light Duty Passenger Vehicles 2018

Annual Mileage: 15,600 Model Year: 2018 EMFAC Year: 2014
Vehicle Class: LDA Fuel Type: GAS

	HC	CO	Nox	PM10	PM2.5	CO2	SOx
grams/mi	0.01323587	0.336736	0.0265484	0.00232	0.002134	253.49548	0.00253584
annual miles	206.48	5253.091	414.15498	36.2117	33.29532	3954529.5	39.5591533
annual tons	0.00020648	0.005253	0.0004142	3.62E-05	3.33E-05	3.9545295	3.95592E-05
lifetime (12 years)	0.00247776	0.063037	0.0049699	0.00043	0.000399	47.454353	0.00047471
15 Vehicles x Annual	0.00309719	0.078796	0.0062123	0.00054	0.000499	59.317942	0.00059338
15 Vehicles x Lifetime	0.03716633	0.945556	0.0745479	0.00651	0.005993	711.8153	0.00712064

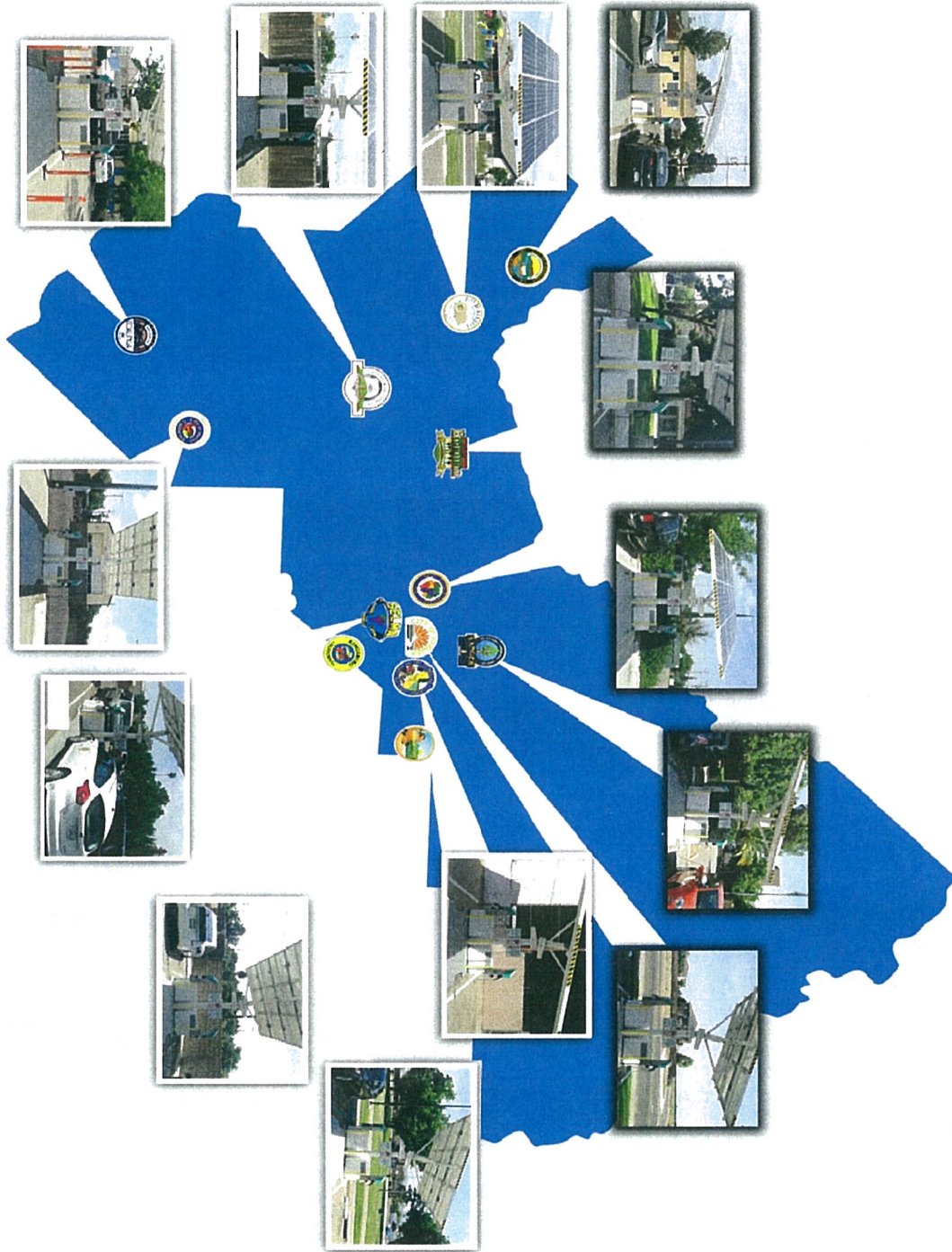
Appendix F

Map of current rural transit riders



Appendix G

FCRTA Solar Charging Infrastructure





July 23, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

**Clean Transportation
Technologies and Solutions**

www.calstart.org

Board of Directors

Ms. Lisa Alexander
Southern California Gas
Company

Mr. John Boesel
CALSTART

Mr. Jack Broadbent
Bay Area Air Quality
Management District

Mr. Cedric Daniels
Southern Company

Ms. Donna DeMartino
San Joaquin Valley Regional
Transit District

Ms. Karen Hamberg
Westport Fuel Systems

Mr. Wayne Natri
South Coast Air Quality
Management District

Mr. Mike O'Connell
PepsiCo

Mr. Puon Penn
Wells Fargo Bank

Mr. Scott Phillippi
United Parcel Service

Ms. Laura Renger
Southern California Edison

Mr. Pasquale Romano
ChargePoint

Mr. Chris Stoddart
New Flyer of America

Mr. Stephen Trichka
BAE Systems

Mr. John Viera
Ford Motor Company

Subject: Letter of Commitment to Support the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

The CALSTART San Joaquin Valley Clean Transportation Center is pleased to offer this letter of commitment to support the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

The CALSTART San Joaquin Valley Clean Transportation Center has a history of assisting FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities. The Rural Electric Vehicle Utilization Project (REVUP) incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County and is in perfect alignment with the mission of CALSTART.

The CALSTART San Joaquin Valley Clean Transportation Center supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and will provide services to help implement the project, if it is funded. The CALSTART San Joaquin Valley Clean Transportation Center encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program in order to expand the use of clean, zero-emission, electric vehicles in our rural Fresno County communities.

Sincerely,



Joseph Oldham, Director

CALSTART San Joaquin Valley Clean Transportation Center

OFFICES IN

48 S. Chester Ave PASADENA, CA 91106 | 14062 Denver West Pkwy Suite 300 LAKEWOOD, CO 80401-3188 | 155 Water Street, 2nd Floor Unit 230 BROOKLYN, NY 11201 | 510 W. Kearney Blvd Suite 105 FRESNO CA 93706 | 2600 Tenth Street, Suite 407, BERKELEY, CA 94710-3103

July 10, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

RE: Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project

Dear Ms. Arnest:

The San Joaquin Valley Air Pollution Control District (District) supports Fresno County Rural Transit Agency's (FCRTA) application for funding through the *Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program* to expand the existing transit services it provides for the rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. FCRTA's Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility and promote electric vehicles and charging infrastructure in rural Fresno County communities while reducing harmful emissions.

The San Joaquin Valley (Valley) faces challenging air quality issues with mobile sources being the leading contributors of air pollution in the region. In addition, the Valley endures substantial socio-economic disadvantages in comparison to other regions of California. Presently, CalEPA designates that 20 out of the top 30 most disadvantaged communities are located in the Valley. Fresno County has multiple census tracts listed in the top 5% of designated disadvantaged communities in the state, and the funding through the Measure C Program will positively impact its residents.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs that residents would have to learn to access.

The District is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve the health and air quality in Fresno County.

Given the potential long-term benefits from this project, the District is supportive of this project and hopes that your agency will consider its application for funding selection.

Sincerely,



Samir Sheikh
Executive Director/Air Pollution Control Officer

Samir Sheikh
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



CALIFORNIA RURAL LEGAL ASSISTANCE, INC.

FIGHTING FOR JUSTICE, CHANGING LIVES

July 23, 2018

Via electronic mail to: parnest@fresnocog.org

Peggy Arnest
Fresno Council of Governments
2035 Tulare Street, Suite 201
Fresno, CA 93721

Re: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

Dear Ms. Arnest,

California Rural Legal Assistance, Inc.'s Community Equity Initiative (CEI) offers this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

CEI supports efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities, and supports the FCRTA's REVUP proposal.

Sincerely,

Mariah C. Thompson
Staff Attorney, Community Equity Initiative
California Rural Legal Assistance, Inc.
3747 E Shields Ave, Fresno, CA 93726
(559) 441-8732
Email: mthompson@crla.org

DEPARTMENT OF TRANSPORTATION**DISTRICT 6**

1352 WEST OLIVE AVENUE
P.O. BOX 12616
FRESNO, CA 93778-2616
PHONE (559) 445-5868
FAX (559) 445-5875
TTY 711
www.dot.ca.gov



*Making Conservation a
California Way of Life.*

July 13, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

I am pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

We are impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

We support the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael Navarro".

MICHAEL NAVARRO, Chief
Transportation Planning - North

*"Provide a safe, sustainable, integrated and efficient transportation system
to enhance California's economy and livability"*



Fresno City College

1101 East University Avenue, Fresno, California 93741 Phone: 559-442-4600 FAX: 559-265-5777

Office of the President

July 23, 2018

Ms. Peggy Arnest
Fresno Council of Governments
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest:

Subject: Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

Fresno City College is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy 15 battery-electric, four-passenger Chevrolet Bolt EV vehicles for operation in 13 rural incorporated cities and 29 unincorporated communities of Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

Fresno City College is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

Fresno City College supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

Carole Goldsmith, Ed.D.
President



A Nonprofit Housing and Community Development Organization

July 23, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest:

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

Self-Help Enterprises (SHE) is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, four-passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

SHE is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

SHE supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

Thomas J. Collishaw
President/CEO

 NeighborWorks
HOMEOWNERSHIP CENTER
CHARTERED MEMBER

8445 W. Elwin Court • P.O. Box 6520 • Visalia, CA 93290

Phone (559) 651-1000 • Fax (559) 651-3634 • info@selfhelpenterprises.org • www.selfhelpenterprises.org



CITY of CLOVIS

1033 FIFTH STREET • CLOVIS, CA 93612

July 23, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

Clovis Transit is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

Clovis Transit is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

Clovis Transit supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

Bethany R. Berube
Supervisor
Transit Division
City of Clovis
155 N. Sunnyside
Clovis, CA 93611
Phone: (559) 324-2771



City Manager's Office
559/591-5904

City Attorney
559/437-1770

Administrative Services
559/591-5900

Development Services
559/591-5906

Public Works Services
559/591-5924

Engineering Services
559/591-5924

Parks & Community Services
559/591-5940

Fire/Ambulance Services
559/591-5931

Police Services
559/591-5914

July 23, 2018

Peggy Arnest
Fresno Council of Governments
2035 Tulare Street, Suite 201
Fresno, CA 93721

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

Dear Ms. Arnest:

The City of Dinuba is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee, New Technology Reserve Grant Program. This funding will help expand existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

The City of Dinuba is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

The City of Dinuba supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

Ismael Hernandez
Interim Public Works Director

PUBLIC WORKS



July 23, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

The California Association for Coordinated Transportation (CALACT) is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

CALACT is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

CALACT supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

Jacklyn Montgomery, Executive Director OS



*Serving the Community
Since 1966*

2115 Kern Street, Suite 1, Fresno, CA 93721 • T: (800) 675-8001/(559) 570-1200 • F: (559) 570-1254 • TF: (800) 675-8001

July 12, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

Central California Legal Services is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program, to expand the existing FCRTA rural transit services in disadvantaged rural communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, and promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities, while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4-passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

Our rural clients often cannot afford to own, maintain, and operate their own family vehicle, which may leave them at the mercy of "raiteros" for transportation into Fresno for medical appointments, jury service, or court appearances—sometimes paying as much as \$100/trip each way. Central California Legal Services therefore especially appreciates FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities, and to incorporate zero-emission electric vehicle technology to improve health and the environment in rural Fresno County.

Central California Legal Services strongly supports the Fresno County Rural Transit Agency's Rural Electric Vehicle Utilization Project (REVUP) proposal, and encourages the FCTA



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2025 W. Feemster Avenue, Visalia, CA 93277 • T: (800) 675-8001/(559) 733-8770 • F: (559) 635-8096 • TF: (800) 350-3654
www.centralcallegal.org

CITY OF FIREBAUGH



FRESNO COUNTY, CALIFORNIA

1133 "P" STREET
FIREBAUGH, CALIFORNIA 93622-2547
(559) 659-2043
FAX (559) 659-3412

July 23, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

The City of Firebaugh is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

The City of Firebaugh is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

The City of Firebaugh supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

Ben Gallegos
City Manager, City of Firebaugh

July 23, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

**Subject: Letter of Support for the Fresno County Rural Transit Agency
Rural Electric Vehicle Utilization Project (REVUP)**

Transit For All

The Community Transportation Association of America (CTAA) is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

CTAA is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

We support the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,



Executive Director



COMMUNITY SERVICES
Phillip Gallegos, Director

Mayor – Rhonda Armstrong
Council Members
Michele Arvance
Raj Dhallwal
Espi Sandoval
Gary Yep



850 S. Madera Avenue
Kerman, CA 93630

Phone: (559) 846-8643
Fax: (559) 842-5217
www.cityofkerman.net

July 10, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

The City of Kerman is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

As a long standing partner with FCRTA, the City of Kerman is impressed with their efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

The City of Kerman supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

A handwritten signature in black ink, appearing to read 'Phillip Gallegos', is written over a horizontal line.

Phillip Gallegos, Director
Parks, Recreation and Community Services Department

(cc: John Kunkel, City Manager)

"COMMUNITY COMES FIRST"



4270 N. BLACKSTONE AVE, SUITE 212, FRESNO, CA 93726 PH. 559.485.1416 FAX 559.485.9109
INFO@FRESNOMETMIN.ORG WWW.FRESNOMETMIN.ORG

July 23, 2018

Fresno Council of Governments
c/o Peggy Arnest
2035 Tulare Street, Suite 201
Fresno, CA 93721

Dear Ms. Arnest,

Subject: Letter of Support for the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP)

Fresno Metro Ministry is pleased to offer this letter of support for the Fresno County Rural Transit Agency's (FCRTA) application for funding through the Fresno County Transportation Authority (FCTA) Measure C Committee New Technology Reserve Grant Program to expand the existing FCRTA rural transit services in rural disadvantaged communities of Fresno County utilizing electric vehicles exclusively. The Rural Electric Vehicle Utilization Project (REVUP) will enhance mobility, promote electric vehicles and electric vehicle charging infrastructure in rural Fresno County communities while reducing toxic air contaminants.

FCRTA is proposing a project that will deploy fifteen (15) battery-electric, 4 passenger Chevrolet Bolt EV vehicles for operations in the 13 rural incorporated cities and 29 unincorporated communities in Fresno County. The project adds capacity for FCRTA to meet the additional mobility needs of rural community residents, leverages the investment in FCRTA's existing dispatch and routing services, and avoids the addition of new infrastructure or programs for residents to have to learn to access.

Fresno Metro Ministry is impressed with FCRTA's efforts to add innovative and non-traditional transit services in the region's disadvantaged rural communities and incorporates zero-emission electric vehicle technology which will improve health and the environment in rural Fresno County.

Fresno Metro Ministry supports the Fresno County Rural Transit Agency Rural Electric Vehicle Utilization Project (REVUP) proposal and encourages the FCTA Measure C Committee to fund this project through the New Technology Reserve Grant Program.

Sincerely,

Keith Bergthold
Executive Director