



Supplemental Questions for Settlement Program and Clean Transit Enterprise (CTE)

About the Project

1. How does this specific project support your long-term fleet decarbonization goals (is it a pilot project, an early phase of transition plan, the final phase of transition, etc.)?

2. What is your long-term agency goal (5-year, 10-year, etc.) for the number or percentage of electric and/or other zero-emission vehicles in your fleet?
 - What is your expected timeline for meeting that goal?

3. If you have a fleet transition plan, please attach it with your application.

4. Fuel Type (note: for facility projects, please select the fuel propulsion type used at the facility):
 - Battery Electric*
 - Compressed Natural Gas (CNG)
 - Diesel Hybrid Electric
 - Hydrogen Fuel Cell*
 - Other

If other please specify:

5. Project Type:
 - Bus Replacement
 - Number of buses to be replaced:
 - Bus Facility Replacement
 - Bus Facility Upgrade(s)
 - Bus Facility Expansion
 - Battery Electric Chargers
 - Other

If other please specify:

Power and Fuel Delivery Planning: for battery electric vehicles/charging answer 5a, hydrogen/fueling 5b, and RNG cc. Put N/A for the sections that do not apply.

5a. Battery Electric Vehicle Applicants Only: Answer Questions Below (others enter N/A for all responses)

- Who is/are the electric utility provider(s) in your service area?

- Describe your agency's coordination efforts with your utility provider(s) regarding your fleet electrification plans, including any feedback, support, rate structures, and/or make-ready investments that they may provide.

- Describe how the rate structure and demand charges in your utility area may impact the operation of electric buses.

- Describe your agency's strategy to minimize the impact of these rate structures on operating costs.

- Describe your anticipated charging schedule for the electric vehicles and any anticipated impacts to your existing route service.

- What do you estimate will be the average monthly (total and per mile) electricity costs (including demand charges) for this project?

- Identify the specific facility name(s) and location(s) at which these vehicles will be charged and stored.

- For each facility, describe the required equipment and infrastructure needs for this project and the timeline for installation, including the type, power level and number of charging units, plus any electrical infrastructure upgrades (such as new transformers).

- What is the estimated overall cost of these modifications and how will they be funded?

- How large of an electric bus fleet will these modifications be able to support beyond the current project?

- How do you plan to charge between or during routes? How will the location of such charging affect your route planning?

5b. Hydrogen Fuel Cell Vehicle Applicants Only: Answer Questions Below (others enter N/A for all)

- Describe your anticipated source(s) of supply for hydrogen fuel?

- What additional hydrogen fueling, storage, and other infrastructure will be needed to support this project and what is the estimated total cost of this infrastructure?

- What is the total number or percentage of your current fleet that could be supported with this hydrogen infrastructure and/or supplies before additional infrastructure investments are required?

5c. Renewable Natural Gas (RNG) Vehicle Applicants Only: Answer Questions Below (others enter N/A for all responses)

Who is your current or anticipated CNG/RNG supplier?

Does your current or anticipated provider offer RNG as an option? Please note: This is a requirement of any award for a CNG vehicle using Settlement Program funds.

Describe any new or additional CNG fueling infrastructure required for this project and the anticipated cost.

Project Implementation Strategy

6. Identify what trained technicians are available for the vehicle type(s) in your area (agency or external).

7. Describe your agency's past and future planned efforts to build long-term institutional and public support for this effort.

8. What specific route(s) have you identified for the operation of the vehicle(s) in this funding request?

9. Describe the characteristics of each route identified, including total distance, length of service period, elevation gain/loss, climate, or other pertinent factors and characteristics that have influenced this selection.

10. Describe what modeling, analysis, and/or real-world trials your agency has conducted to assess the viability of the specific route(s) using the requested electric or zero-emission vehicle(s).

11. Based on your route analysis, describe any adjustments to existing operations that you anticipate are needed to make the project successful (for example: route and schedule adjustments, on-route charging, etc.).