



Town of Miami Lakes Memorandum

To: Honorable Mayor & Councilmembers

From: Edward Pidermann, Town Manager

Subject: Florida Department of Environmental Protection (FDEP) Electric Vehicle Charging Infrastructure (EVCI) Phase 1 Request for Application (RFA)

Date: April 21, 2020

Recommendation:

It is recommended that the Town Council authorize the Town Manager to apply for the Florida Department of Environmental Protection (FDEP) Electric Vehicle Charging Infrastructure (EVCI) Phase 1 Request for Application (RFA) program for the Miami Lakes Electric Vehicle Charging Infrastructure on Government Property Project, to purchase and install EVCI at Town Hall, in an amount not to exceed \$500,000, and if funded, to authorize the Town Manager to accept grant funds, execute the grant agreement, take all necessary steps to implement the terms and conditions of the agreement, expend budgeted funds in connection with this Project, and to submit requests for reimbursements in connection with this RFA. This RFA provides up to 100 percent reimbursement for publicly accessible EVCI on government property.

Background:

The Diesel Emissions Mitigation Program (DEMP) utilizes funds from the Volkswagen Settlement and U.S. Environmental Protection Agency's (EPA) Diesel Emissions Reduction Act (DERA) State Grant Program for projects which mitigate mobile sources of emissions in areas where people live, work, and visit.

On October 2, 2017, the Environmental Mitigation Trust Agreement for State Beneficiaries (Final Trust Agreement) was filed with the federal district court in Northern District of California, establishing the terms and conditions of the Mitigation Trust. Florida became a beneficiary under the Mitigation Trust on January 30, 2018, with the FDEP designated as Lead Agency to administer the approximately \$166 million allocated to the state (State Beneficiary Funds).

Florida's Beneficiary Mitigation Plan identifies maximum allowable 15% (Approximately \$25 million) for Electric Vehicle Charging Infrastructure (EVCI) projects. This RFA is the first phase for EVCI. EVCI Phase 1 identifies projects that provide DC fast charging within proximity to the following Interstate corridors: I- 95, I-

295, I- 75, I- 275, and I- 4. Due to Federal Highway Administration rules, sites may not be located on the actual highway or within the interchange.

The primary objective of Phase 1 is to provide sufficient fast charging opportunities in the event of an evacuation due to natural disaster. Daily use of these charging stations may benefit regional and local economies through encouraging electric vehicle adoption, increasing tourism, and meeting local sustainability and resilience goals.

The EVCI program will spend the maximum allowable 15 percent (about \$25 million) of State Beneficiary Funds identified in Florida's Beneficiary Mitigation Plan. Cost reimbursement funding will be provided at the following maximum allowable percentages, although applicants may provide a greater cost share to increase competitiveness:

- Up to 100% for publicly accessible EVCI on government property
- Up to 80% for publicly accessible EVCI on nongovernment property

Phase 1 Interstate corridors are divided into 27 segments. The Town's proposed project is located in Segment 12. Selected projects awarded per segment will receive up to \$500,000 in cost reimbursement for eligible expenditures, relative to the cost share percentages. One project will be competitively selected for each of the 27 segments.

The award date is anticipated for the Summer (May/June) of 2020. The Town's funding source will be budgeted in the Capital Projects Fund for FY2021. This RFA provides up to 100 percent reimbursement for publicly accessible EVCI on government property.

Benefits:

The Electric Vehicle Charging Infrastructure (EVCI) Phase 1 Request for Application (RFA) program will assist the Town in funding the Miami Lakes Electric Vehicle Charging Infrastructure on Government Property Project, to install Level 3 Public DC Fast Charging at Town Hall. The Project will provide the most convenient way to fast charge electric vehicles up to 80% capacity in under 30 minutes. Once more, this RFA provides up to 100 percent reimbursement for publicly accessible EVCI on government property.

This Project aligns with the Town's Adopted Strategic Plan Priority Area 4: Environmental Sustainability, Objective 4.7, and Initiative 4.7.1: Build Charging Stations as an alternative energy source. Furthermore, this Project aligns with the Adopted Miami Lakes SMART Technology Implementation Plan Objective to Install Electric Vehicle Charging Stations within the Town. Moreover, this Project will provide the necessary infrastructure to encourage more electric vehicle usage and ownership throughout the Town, reduce mobile source emissions and pollutants, and assist the Town in achieving universal environmental sustainability.

Attachment:
Resolution