



City of Coral Gables
CITY COMMISSION MEETING
October 25, 2022

ITEM TITLE:

RESOLUTION. A RESOLUTION OF THE CITY COMMISSION AUTHORIZING THE ACCEPTANCE OF A \$392,361, THREE-YEAR TRAFFIC TECHNOLOGY GRANT, AS WELL AS THE EXECUTION OF THE RESPECTIVE GRANT CONTRACT, AND AUTHORIZING AN AMENDMENT TO THE FISCAL YEAR 2022-2023 ANNUAL BUDGET TO RECOGNIZE THE YEAR ONE AMOUNT OF \$130,787 AS REVENUE AND TO APPROPRIATE SUCH FUNDS TO PUT TOWARD THE COST OF THE PROGRAM.

RECOMMENDATION OF THE CITY MANAGER:

It is recommended that the City Commission approve the Resolution.

BRIEF HISTORY:

The City of Coral Gables is being a subrecipient with Traffic Technology Services, Inc. (TTS) on behalf of the United States Department of Energy (DOE) Advanced Research Projects Agency-Energy (ARPA-E) to conduct engineering research and implement a small scale intelligent traffic network (AutonomIA) that will leverage sensors, connected vehicles and artificial intelligence (AI) to optimize traffic in real time, improve safety, and lower carbon emissions. For this research, the City will use subaward funds to install additional traffic sensors and smart poles in the intersection of Alhambra and Ponce De Leon, and will contract an electrical engineer and data scientist for the project. The city's cost share part of the project (mentioned in the subaward agreement) is an in-kind contribution (not monetary) consisting of the use of our advanced smart city technology infrastructure and the expertise of our IT item (all valued in \$1.2M).

An amendment to the Fiscal Year 2022-2023 Annual Budget is required to recognize the year one amount of \$130,787 as revenue and to appropriate such funds to put toward the cost of the program.

FINANCIAL INFORMATION: (If Applicable)

No.	Amount	Account No.	Source of Funds
1.	\$392,361	001-3200-519-13.00	Subaward Traffic Technology Services, Inc.
Total:	\$392,361	APPROVED BY:	

ATTACHMENT:

1. Subaward Agreement

