

**RESOLUTION NO. 2023-\_\_\_\_\_**

**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.**

**WHEREAS**, the City of Coral Gables being a Subrecipient with Traffic Technology Services, Inc. on behalf of the United States Department of Energy Advanced Research Projects Agency-Energy (ARPA-E) to install additional traffic sensors in the intersection of Alhambra and Ponce De Leon, contract an electrical engineer and data scientist for the project; and

**WHEREAS**, the purpose of this program is 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, end lower carbon emissions; and

**WHEREAS**, 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 team (all valued in \$1.2M); and

**WHEREAS**, through this grant program, the City of Coral Gables is a subrecipient of allocated funds in the amount of \$392,361 to support three-year operations also of in-kind use of our smart city infrastructure during the project; and

**WHEREAS**, an amendment to the Fiscal Year 2022-2023 Annual Budget is required to recognize the \$130,787 grant as revenue and to appropriate such funds to cover the grant expenditure; and

**WHEREAS**, staff recommends the Commission authorizes annual budget amendments, as needed, for the life of the program.

**NOW THEREFORE, BE IT RESOLVED BY CITY COMMISSION OF THE CITY OF CORAL GABLES, FLORIDA THAT:**

**SECTION 1.** That the forgoing "Whereas" clauses are hereby confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption herein.

**SECTION 2.** That the City Commission does hereby authorize the acceptance of the grant in the amount of \$392,361 to conduct engineering research and implement a small scale intelligent traffic network (AutonomIA).

**SECTION 3.** That the City Commission does hereby authorize the execution of the grant contract with Traffic Technology Services, Inc.

**SECTION 4.** That the City Commission does hereby authorize an amendment to the Fiscal Year 2022-2023 annual budget to recognize the year one amount of \$130,787 as revenue and appropriating such funds to put toward the cost of the project; as well as annual budget amendments, as needed, for the life of the program.

**SECTION 5.** That this Resolution shall become effective upon the date of its adoption herein.

PASSED AND ADOPTED this 25th day of October 2022.

CITY OF CORAL GABLES, FLORIDA

By: \_\_\_\_\_  
Mayor

ATTEST:

By: \_\_\_\_\_  
City Clerk

Approved as to form and legal sufficiency:

By: \_\_\_\_\_  
City Attorney