

CITY OF CORAL GABLES, FLORIDA

RESOLUTION NO. 2022-271

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 passage and adoption herein.

PASSED AND ADOPTED THIS TWENTY-FIFTH DAY OF OCTOBER, A.D., 2022.


(Moved: Mena / Seconded: Anderson)

(Yeas: Anderson, Fors, Jr., Mena, Menendez, Lago)

(Unanimous: 5-0 Vote)


(Agenda Item: I-3)

APPROVED:

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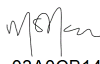
VINCE LAGO
MAYOR

ATTEST:

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BILLY Y. URQUIA
CITY CLERK

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

DocuSigned by:

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MIRIAM SOLER RAMOS
CITY ATTORNEY