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CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA**

MEMORANDUM

Agenda Item No. 11(A)(2)

TO: Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

DATE: February 7, 2023

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Resolution directing the County Mayor to negotiate and execute an agreement with the Massachusetts Institute of Technology ("MIT") for a pilot project or product demonstration relating to City Scanner in accordance with Implementing Order 3-38, to provide a report, and to negotiate and submit such applications as may be necessary for Miami-Dade County to become a member of MIT's Senseable City Laboratory Consortium and to present relevant agreements to this Board for approval

Resolution No. R-101-23

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Chairman Oliver G. Gilbert, III.



Geri Bonzon-Keenan
County Attorney

GBK/gh

MDC001



MEMORANDUM

(Revised)

TO: Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

DATE: February 7, 2023

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 11(A)(2)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____ to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 11(A)(2)
2-7-23

RESOLUTION NO. _____ R-101-23

RESOLUTION DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO NEGOTIATE AND EXECUTE AN AGREEMENT WITH THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY ("MIT") FOR A PILOT PROJECT OR PRODUCT DEMONSTRATION RELATING TO CITY SCANNER IN ACCORDANCE WITH IMPLEMENTING ORDER 3-38, TO PROVIDE A REPORT, AND TO NEGOTIATE AND SUBMIT SUCH APPLICATIONS AS MAY BE NECESSARY FOR MIAMI-DADE COUNTY TO BECOME A MEMBER OF MIT'S SENSEABLE CITY LABORATORY CONSORTIUM AND TO PRESENT RELEVANT AGREEMENTS TO THIS BOARD FOR APPROVAL

WHEREAS, the Senseable City Laboratory is a research initiative at the Massachusetts Institute of Technology ("MIT") comprised of various projects to develop and deploy tools to monitor and enhance urban environments; and

WHEREAS, one of these projects is City Scanner, which involves the installation of environmental sensors on garbage trucks to collect temperature, humidity, and air quality data and thermal images throughout a city; and

WHEREAS, according to MIT, City Scanner's low-cost temperature and humidity sensors may be used to detect pedestrian activities and heat islands in urban areas; and

WHEREAS, according to MIT, City Scanner's thermal imaging may be used to assess the energy efficiency of building envelopes, monitor infrastructure, and study the impact of anthropogenic heat in cities; and

WHEREAS, Implementing Order 3-38 authorizes the County Mayor to enter into pilot projects and product demonstration agreements with prospective County vendors for the purpose of testing and evaluating technology, products, and services; and

WHEREAS, such agreements must: (1) be for a period not to exceed 12 months from the initiation of the pilot project or demonstration; (2) be provided at no cost to the County with the exception of any ordinary cost for County employees or consultants to review such technology, products, or services; (3) not contain any exclusive dealing, in-kind, or advertising commitments by the County; (4) provide for indemnification of the County; (5) provide for County ownership of any data generated during the testing and observation period; and (6) be terminable at will by the County; and

WHEREAS, Miami-Dade County is committed to understanding, evaluating, and implementing innovative technology, emerging products, and efficient services to modernize the County's various systems and services to the public; and

WHEREAS, vendors frequently offer their innovative processes, products, and services at no charge to the County on a trial basis; and

WHEREAS, this Board desires for the County administration to test and observe the City Scanner technology on a short-term basis in accordance with Implementing Order 3-38 to determine whether this product would be beneficial to Miami-Dade County and its residents; and

WHEREAS, in addition to testing specific projects, MIT provides opportunities for cities, regions, educational institutions, companies, and other entities to become members of the Senseable City Laboratory Consortium (the "Consortium") to collaborate in research efforts; and

WHEREAS, cities and regions that have become members of the Consortium include Amsterdam, Helsingborg, Stockholm, Laval, and Regione Friuli-Venezia Giulia; and

WHEREAS, this Board wishes for Miami-Dade County to become a member of the Consortium to join in research efforts relating to the study of heat and air quality in urban areas,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board:

Section 1. Approves the foregoing recitals, which are incorporated herein by reference.

Section 2. Directs the County Mayor or County Mayor's designee to negotiate and, if successful, execute an agreement with the Massachusetts Institute of Technology within 60 days of the effective date of this resolution for a pilot project or product demonstration at no cost to the County relating to the City Scanner technology, including identification of testing site locations within Miami-Dade County. The terms of the agreement shall be in accordance with the requirements for pilot projects and product demonstration agreements set forth in Implementing Order 3-38 and, accordingly, such agreement may not serve as a basis for any non-competitive purchase other than a bid waiver or sole source purchase and may not serve as the sole basis of the public interest justification of any bid waiver.

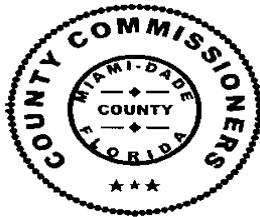
Section 3. Directs the County Mayor or County Mayor's designee to provide a report to the Board, within 90 days after the term of any agreement reached pursuant to section 2 has concluded, describing the results of the pilot project or product demonstration and any relevant recommendations. If no agreement can be reached under terms acceptable to Miami-Dade County, then the County Mayor or County Mayor's designee shall provide a report to the Board within 30 days after the conclusion of negotiations describing why an agreement could not be reached. The completed report shall be placed on an agenda of the full Board without committee review pursuant to rule 5.06(j) of the Board's Rules of Procedure.

Section 4. Directs the County Mayor or County Mayor’s designee to negotiate with MIT and submit such applications as may be necessary for Miami-Dade County to become a member of the MIT Senseable City Laboratory Consortium and to present any relevant agreements to this Board for approval.

The Prime Sponsor of the foregoing resolution is Chairman Oliver G. Gilbert, III. It was offered by Commissioner **Anthony Rodriguez** , who moved its adoption. The motion was seconded by Commissioner **Danielle Cohen Higgins** and upon being put to a vote, the vote was as follows:

Oliver G. Gilbert, III, Chairman	aye	
Anthony Rodríguez, Vice Chairman	aye	
Marleine Bastien	aye	Juan Carlos Bermudez aye
Kevin Marino Cabrera	aye	Sen. René García aye
Roberto J. Gonzalez	aye	Keon Hardemon aye
Danielle Cohen Higgins	aye	Eileen Higgins aye
Kionne L. McGhee	aye	Raquel A. Regalado aye
Micky Steinberg	aye	

The Chairperson thereupon declared this resolution duly passed and adopted this 7th day of February, 2023. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

LUIS G. MONTALDO, CLERK AD INTERIM

Basia Pruna

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

A handwritten signature in dark ink, appearing to read "CMR", is written over a horizontal line.

Cristina M. Rabionet