

CITY OF CORAL GABLES, FLORIDA

RESOLUTION NO. 2018-192

A RESOLUTION ACCEPTING THE RECOMMENDATION OF THE PROCUREMENT OFFICER TO AUTHORIZE THE PURCHASE OF THE OPTICOM PRIORITY CONTROL SOLUTION FOR EMERGENCY VEHICLE PREEMPTION CAPABILITY FROM GLOBAL TRAFFIC TECHNOLOGIES, LLC AS A "SOLE SOURCE", PURSUANT TO SECTION 2-689 OF THE CITY'S PROCUREMENT CODE.

WHEREAS, the City of Coral Gables is seeking to utilize technology driven Emergency Vehicle Preemption (EVP) capability that helps elevate safety concerns, minimize traffic disruptions and accelerate response times; and

WHEREAS, the Opticom priority control system for EVP enables fire trucks and ambulances to navigate congested intersections more effectively through an intelligent transportation system design; and

WHEREAS, the preemption system extends the green light on emergency vehicles' approach through an infrared emitter attached to the vehicle allowing them to proceed through the intersection quickly and under safer conditions; and

WHEREAS, the City is currently is planning to install the transmitter on eleven (11) emergency vehicles and at thirty-one (31) intersections throughout the City; and

WHEREAS, the City is purchasing an eighteen (18) month managed services package that includes project planning/design work, installation of all equipment and software, testing, training, licensing, data collection and reporting, monitoring, cellular data and on-site repairs and replacements for the vehicles and intersection equipment; and

WHEREAS, the Procurement Officer pursuant to Section 2-689 of the Procurement Code has determined that Global Traffic Technologies is the sole source provider of the Opticom Priority Control system and the accompanying managed service package; and

WHEREAS, Section 2-585 of the Procurement Code, entitled "Authority" authorizes the City Manager to delegate authority to the Procurement Officer to administer and make recommendations on contract awards;

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

SECTION 1. The foregoing "Whereas" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof.

SECTION 2. That the City Commission accepts the recommendation of the Procurement Officer and authorizes the City Manager to execute an agreement to purchase the Opticom Priority Control system for emergency vehicle preemption and the associated managed service package and features, pursuant to Section 2-689 of the City's Procurement Code.

SECTION 3. That this Resolution shall become effective upon the date of its passage and adoption herein.

PASSED AND ADOPTED THIS TENTH DAY OF JULY, A.D., 2018.

(Moved: Quesada / Seconded: Keon)

(Yeas: Mena, Quesada, Keon, Lago, Valdes-Fauli)

(Unanimous: 5-0 Vote)

(Agenda Item: J-4)

APPROVED:



RAUL VALDES-FAULI
MAYOR

ATTEST:



WALTER J. FOEMAN
CITY CLERK

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:



MIRIAM SOLER RAMOS
CITY ATTORNEY



June 20, 2018

Daniel Fernandez
Deputy Fire Chief
Coral Gables Fire Dept.
2815 Salzedo Street
Coral Gables, FL 33134

Dear Deputy Chief Fernandez:

This letter is to confirm that the Opticom™ priority control solution is owned and manufactured solely by Global Traffic Technologies, LLC (GTT). GTT is also the sole-source provider of Opticom Priority Control as a Service (PCaaS), which for Coral Gables includes the following:

- Model 764 multimode phase selector
- Model 768 auxiliary interface panel
- Model 3101 series cabinet-mount radio receiver
- Intersection cellular/Wi-Fi modem
- Model 2100/2101 series vehicle kit
- Vehicle cellular/Wi-Fi modem
- Central Management Software (CMS - per intersection)
- Site survey (intersections and/or vehicles)
- Project management
- Installation, intersections (GPS - includes hardware and software configuration)
- Installation, intersections (modems)
- Installation, vehicle kit (hardware)
- Installation, vehicles (modems)
- Installation, CMS software
- Training (2 days, 1 trainer - includes domestic travel) - topics TBD by customer
- Engineering design services
- Installation bracket (installed)
- Intersection permit fee
- Hosting, SQL Express License (for term of agreement)
- Data collection and reporting (for term of agreement)
- Monitoring and optimizing (for term of agreement)
- On-site repairs/replacements (intersections, for term of agreement)
- On-site repairs/replacements (vehicles, for term of agreement)



- Cellular data (intersections, for term of agreement)
- Cellular data (vehicles, for term of agreement)

Since 1968, Opticom has been the standard in priority control, now totaling more than 3,100 customers and over 180,000 intersections/vehicles worldwide. Worth noting, GTT's Opticom system is used in 41 of the 50 largest U.S. cities, amongst other deployments in Canada, Europe, Asia-Pacific and the Middle-East.

If you have further questions, please feel free to contact me to discuss. Thank you!

Sincerely,

A handwritten signature in black ink, appearing to read 'Dan Dolsky', with a long horizontal flourish extending to the right.

Dan Dolsky
Demand-Generation Supervisor
dan.dolsky@gtt.com
651-789-7340

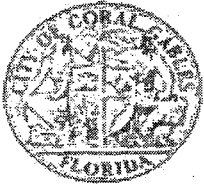


Opticom Project

Intersection Matrix

INTER. #	<u>MAIN STREET</u>	<u>CROSS STREET</u>
1	SOUTH LEJUNE ROAD	MINORCA AVENUE
2	SOUTH LEJUNE ROAD	ALCAZAR AVENUE
3	SOUTH LEJUNE ROAD	ALHAMBRA CIRCLE
4	SOUTH LEJUNE ROAD	CORAL WAY/MIRACLE MILE
5	SALZEDO STREET	ALCAZAR AVENUE
6	SALZEDO STREET	ALHAMBRA CIRCLE
7	SALZEDO STREET	GIRALDA AVENUE
8	SALZEDO STREET	ARAGON AVENUE
9	SALZEDO STREET	CORAL WAY/MIRACLE MILE
10	PONCE DE LEON BOULEVARD	ALCAZAR AVENUE
11	PONCE DE LEON BOULEVARD	ALHAMBRA CIRCLE
12	PONCE DE LEON BOULEVARD	GIRALDA AVENUE
13	PONCE DE LEON BOULEVARD	ARAGON AVENUE
14	PONCE DE LEON BOULEVARD	CORAL WAY/MIRACLE MILE
15	GALIANO	GIRALDA AVENUE
16	GALIANO	CORAL WAY/MIRACLE MILE

17	SOUTH LEJUNE ROAD	ANDALUSIA AVENUE
18	SOUTH LEJUNE ROAD	VALENCIA AVENUE
19	SOUTH LEJUNE ROAD	SEVILLA AVENUE
20	SOUTH LEJUNE ROAD	UNIVERSITY DRIVE/ANASTASIA AVE
21	UNIVERSITY DRIVE	RIVERIA DRIVE
22	UNIVERSITY DRIVE	SEGOVIA STREET
23	UNIVERSITY DRIVE	BIRD ROAD/GRANADA
24	SALZEDO STREET	ANDALUSIA AVE
25	SALZEDO STREET	VALENCIA AVENUE
26	SALZEDO STREET	ALMERIA AVENUE
27	SALZEDO STREET	UNIVERSITY DRIVE
28	PONCE DE LEON BOULEVARD	ANDALUSIA AVENUE
29	PONCE DE LEON BOULEVARD	VALENCIA AVENUE
30	PONCE DE LEON BOULEVARD	ALMERIA AVENUE
31	PONCE DE LEON BOULEVARD	MALAGA AVENUE



CITY OF CORAL GABLES

405 Biltmore Way
Coral Gables, FL 33134
(305) 460-5102

Finance Department / Procurement Division Information Technology Authorization Request Form (Utilize for IT related purchases over \$1,000 without exception to funding source.)

PART I: Department/Vendor Information					
Division/Department	Fire	Dept. Contact	Daniel Fernandez	Requisition No.	TBD
Suggested Vendor	Opticom	Contract # (if applicable)	N/A	Value	\$418,295
PART II: Equipment Specifications (Additional documentation may be attached)					
Specifications	Installation of the Following on 31 Designated Traffic Intersections: Multimode Phase Selector, Auxiliary interface panel, Radio Receiver. Intersection Cellular modem. Includes Hardware and software configuration and installation.				
PART III: JUSTIFICATION (Additional documentation may be attached)					
Justification	This traffic signal prioritization system will pre-empt the cycling of traffic lights to green in the direction the emergency vehicle is traveling. The system sends a signal to the modem located at the intersection and will enable traffic to flow in the direction of travel of the emergency vehicle, thus reducing the instances a responding emergency unit will encounter red lights at intersections. Project cost is approximately \$10,000 per intersection, which includes hardware and installation.				

Approved

Not Approved

Explanation (to be used if the request is not approved):

Rainald R. Lilla 8335 6/5/18
Information Technology Director or Designee

6/5/2018
Date

See attached assessment documentation. Cost per site is approx. \$13K including all services for 18 months. Annual maintenance cost is approx. \$23K starting in FY 2020.

Ramos, Lemay

From: Fernandez, Daniel
Sent: Monday, June 04, 2018 3:51 PM
To: Ramos, Lemay
Subject: FW: Opticom
Attachments: Coral Gables Project Duration Letter_041218JL.PDF

FIY,

From: Moore, Jared [mailto:jared.moore@gtt.com]
Sent: Sunday, June 3, 2018 6:56 PM
To: Fernandez, Daniel
Subject: RE: Opticom

Who operates and maintains the software?
Global Traffic Technologies(GTT) hosts, operates, and maintains the software.

Who is responsible for installation of the system i.e. in other words is Opticom installing or a subcontractor doing the install?
We will use GTT resources as well as Miami-Dade County certified contractors if needed. We will supervise all work.

Would you need anyone from Coral Gables IT, Fire Department or Police for and during the implementation?
We will only need Fire and/or IT if we have questions.

Can you provide a description of the scope of work to be done for implementation as well as a timeline including permitting?
Addressed in the attached document on this email.

Please explain based on past practices (With city of Miami) the procedures to get access to access to the street light cabinets, and who grants access both to both
We will obtain the proper permits to proceed with the installation. Then GTT will schedule the installation and notify Miami-Dade Traffic as well as Coral Gables Fire and IT of the scheduled dates. We will arrange for a qualified and certified contractor to be on site for the installations. Once all parties agree to the installation dates we will proceed. We will also inform all parties when installation is complete.

Let me know if you need any additional information.

Jared Moore
Regional Manager
M 336-447-0804



GLOBAL TRAFFIC TECHNOLOGIES



CITY OF CORAL GABLES

405 Biltmore Way
Coral Gables, FL 33134
(305) 460-5102

**Finance Department / Procurement Division
Fleet Authorization Request Form**

(Utilize for fleet related equipment purchases without exception to funding source.)

PART I: Department/Vendor Information					
Division/ Department	Fire	Dept. Contact	Daniel C. Fernandez	Requisition No.	TBD
Suggested Vendor	Opticom	Contract # (if applicable)		Value	\$55,000
PART II: Equipment Specifications (Additional documentation may be attached)					
Specifications	<p>Installation of the Following on 11 Front Line Fire Rescue Units: Model 2100/2201 Series kit, Vehicle Cellular WiFi Modem. Installation will be performed by opticom, under the supervision of fleet.</p>				
PART III: JUSTIFICATION (Additional documentation may be attached)					
Justification	<p>Installation of Wi-Fi Modem on 11 Front Line Fire Suppression/Rescue Units. This traffic signal prioritization system will pre-empt the cycling of traffic lights to green in the direction the emergency vehicle is traveling. The system sends a signal to the modem located at the intersection and will enable traffic to flow in the direction of travel of the emergency vehicle, thus reducing the instances a responding emergency unit will encounter red lights at intersections. Project cost is approximately \$5,000 per vehicle, which includes hardware and installation.</p>				

Approved Not Approved

Explanation (to be used if the request is not approved):

Automotive Director or Designee

5/31/2018
Date