



**Interoffice Memorandum**

February 27, 2023

TO: Mayor Jerry L. Demings  
-AND-  
County Commissioners

From: Carrie Mathes, CFCM, NIGP-CPP, CPPO, C.P.M, Manager II,  
Procurement Division

CONTACT: Hazem El-Assar, P.E., Chief Engineer, Traffic Engineering Division,  
Public Works Department  
407-836-7891

SUBJECT: Approval of Purchase Order M110435, Purchase of Software Support and  
Annual Maintenance for Q-Free Maxtime Adaptive License, Deployment and  
Warranty

ACTION REQUESTED:

Approval of Purchase Order M110435, Purchase of Software Support and Annual  
Maintenance for Q-Free Maxtime Adaptive License, Deployment, and Warranty, with  
Control Technologies, Inc., in the amount of \$270,125.60.

PROCUREMENT:

This purchase order will procure proprietary software support and five years of annual  
maintenance for traffic signals along International Drive to accommodate for variable traffic  
conditions during Convention Center events. The performance period is April 1, 2023  
through December 31, 2028. The dollar amount includes deployment of the software from  
April 1, 2023 through December 31, 2023 and then five years of maintenance from January  
1, 2024 through December 31, 2028.

FUNDING:

Funding is available in account number 1246-072-2742-6320.

APPROVALS:

The Traffic Engineering Division concurs with this recommendation.

REMARKS:

The County originally installed the Q-Free MaxTime software system in 2020, at three  
intersections on International Drive as part of a pilot project. The Traffic Engineering  
Division has verified that Control Technologies, Inc. is the sole vendor authorized to provide  
application software maintenance and support for this product. There are no other  
authorized distributors in the State of Florida that provide support and maintenance for the

Q-Free MaxTime Adaptive Traffic Control Systems software. A sole source posting was issued on our e-procurement portal for a period of 10 days, resulting in no submissions being received from any vendors.

Price reasonableness has been determined by comparing pricing with InSync adaptive control, the only other similar system, which the County used in the past. However, it had many maintenance problems and would require additional hardware and software, which would result in a more expensive purchase of \$637,000, a difference of \$366,874.40.