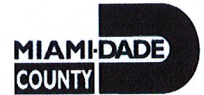



Memorandum



Date: January 9, 2018

To: Alex Rey, Town Manager
Town of Miami Lakes

From: Javier I. Ruiz, Major 
Town of Miami Lakes

Subject: Automated License Plate Recognition Systems

The Town of Miami Lakes Police Section is seeking funds to procure the purchase of fixed License Plate Recognition (LPR) cameras to strategically cover several key intersections throughout the Town of Miami Lakes, for purpose of enhancing crime investigations and crime prevention. Additionally, funds are being requested to purchase a Variable Message Sign (VMS) Trailer equipped with LPR cameras for use at different intersections and roadways within the Town of Miami Lakes. Throughout the United States and Florida numerous Police Department utilize the LPR cameras as a crime fighting tool to share and gather intelligence, apprehend criminal offenders and also prevent crimes. LPR cameras take photos of license plates capturing date, time and GPS coordinates of where the photo was taken. The image captured, along with the corresponding data for that image is stored in a database that can be searched only by authorized personnel. All LPR data will be safeguarded and protected in accordance with Florida Statute 316.0777. LPR cameras can be utilized for the following:

- To alert the uniform patrol and investigators to the presence of felony vehicles and wanted subjects within the Town of Miami Lakes.
- To obtain the tag number, vehicle description and direction of travel of criminal offenders and stolen vehicles.
- To search the database for vehicle information as part of a follow-up investigation.
- To assist in the identification of missing persons who are operating or traveling within a motor vehicle.

The funds will cover the expenditures for the purchase of the cameras and installation. The Miami Dade Police Department (MDPD) currently has the software licensing and infrastructure in place needed to retrieve data from operating LPR cameras utilizing the Law Enforcement Archival and Reporting Network (LEARN) and disseminate to uniform patrol via the Real Time Crime Center (RTCC). It should be noted that the ability to interface with LEARN would be a requirement to determine whether the LPR system can be purchased so that the data could be retrieved by the MDPD RTCC.

Fixed LPR units are mounted permanently at an intersection and can read up to three lanes of traffic at one time. The VMS Trailer equipped with LPR cameras can be positioned in key intersections not covered by fixed LPR cameras. The VMS trailer serves the dual purpose of improving community relations by displaying informational messages to the community as well as assisting in crime prevention.

During our research, we met with one of the companies that provides both VMS Trailer equipped with LPR cameras and Fixed LPR cameras on the LEARN server, and requested quotes regarding each of our priority intersections. The following is a breakdown of anticipated costs based on the provided quotes.

Fixed Priority Intersections:

Windmill Gate/NW 67 Avenue Northbound/Southbound

Fixed LPR Package (5 Cameras)	\$43,000.00
Camera Mounting Accessories	\$900.00
Basic Service Package including License Fee per Year (Recurring)	\$1,625.00
Installation of ALPR enclosure (2)	\$1,900.00
Start up and Commissioning	\$1,000.00
Shipping/Handling	\$500.00
Total Amount	\$48,925.00

NW 154 Street/NW 77 Avenue Eastbound

Fixed LPR Package (2 Cameras)	\$17,500.00
Camera Mounting Accessories	\$360.00
Basic Service Package including License Fee per Year (Recurring)	\$650.00
Installation of ALPR enclosure (1)	\$950.00
Start up and Commissioning	\$500.00
Shipping/Handling	\$250.00
Total Amount	\$20,210.00

SR 826 South/NW 154 Street Westbound

Fixed LPR Package (3 Cameras)	\$25,500.00
Camera Mounting Accessories	\$540.00
Basic Service Package including License Fee per Year (Recurring)	\$975.00
Installation of ALPR enclosure (1)	\$950.00
Start up and Commissioning	\$500.00
Shipping/Handling	\$250.00
Total Amount	\$28,715.00

NW 14100 Block Street/NW 87 Avenue Northbound/Southbound

Fixed LPR Package (4 Cameras)	\$35,500.00
Camera Mounting Accessories	\$720.00
Basic Service Package including License Fee per Year (Recurring)	\$1300.00
Installation of ALPR enclosure (2)	\$1900.00
Start up and Commissioning	\$1000.00
Shipping/Handling	\$500.00
Total Amount	\$40,920.00

Fixed (All Priority Intersections):

Fixed LPR Package (4 Intersections, 14 Cameras)	\$121,500.00
Camera Mounting Accessories	\$2,520.00
Basic Service Package including License Fee per Year (Recurring)	\$4,550.00
Installation of ALPR enclosure (6)	\$5,700.00
Start up and Commissioning	\$3,000.00
Shipping/Handling	\$1,500.00
Vetted Travel Cost	\$1,500.00
Total Amount	\$140,270.00

Secondary Intersections:

NW 170 Street/NW 87 Avenue Northbound/Southbound

Fixed LPR Package (4 Cameras)	\$35,500.00
Camera Mounting Accessories	\$720.00
Basic Service Package including License Fee per Year (Recurring)	\$1300.00
Installation of ALPR enclosure (2)	\$1900.00
Start up and Commissioning	\$1000.00
Shipping/Handling	\$500.00
Total Amount	\$40,920.00

NW 138 Street/NW 67 Avenue

Fixed LPR Package (4 Cameras)	\$35,000.00
Camera Mounting Accessories	\$720.00
Basic Service Package including License Fee per Year (Recurring)	\$1,300.00
Installation of ALPR enclosure (2)	\$1,900.00
Start up and Commissioning	\$1,000.00
Shipping/Handling	\$500.00
Total Amount	\$40,420.00

Fixed (All Priority and Secondary Intersections):

Fixed LPR Package (6 Intersections, 24 Cameras)	\$191,000.00
Camera Mounting Accessories	\$3,960.00
Basic Service Package including License Fee per Year (Recurring)	\$7,150.00
Installation of ALPR enclosure	\$9,500.00
Start up and Commissioning	\$5,000.00

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Shipping/Handling	\$2,500.00
Vetted Travel Cost	\$1,500.00
Total Amount	\$221,610.00

VMS Trailer equipped with LPR cameras:

VMS Trailer equipped with LPR (2 Cameras)	\$46,590.00
License Fee per Year (Recurring)	\$650.00
Delivery Fee	\$950.00
Total Amount	\$48,190.00

In addition to the above listed costs, each camera enclosure within both the fixed and trailer LPR systems requires the activation of a cellular air-card at the cost of approximately \$35 recurring monthly fee per card. Additionally, the Basic Service Package including License Fee is charged per year for each camera.