MARGATE POLICE DEPARTMENT

MEMORANDUM

TO: Joseph Galaska, Lieutenant

FROM: Michael Druzbik, Sergeant (MD)

DATE: February 9, 2017

SUBJECT: Vigilant Solutions Mobile LPR & LEARN Software Purchase

On May 19, 2016, National Sales Manager Ryan Barnett from Vetted Security Solutions gave members of our agency a presentation on Vigilant Solutions LEARN License Plate Recognition (LPR) Software. LEARN is Vigilant Solutions' license plate recognition platform. LEARN collects data from LPR Readers that are stationary or moving, and it collects data from law enforcement agencies and private businesses like tow & repo companies. As tow companies drive through apartment complexes and neighborhoods looking for repossession vehicles, the LPR's installed on their vehicles, capture license plates continually adding data to the database of license plates and locations. The Coral Springs Police Department has fixed LPR's located on speed trailers that are put on major thoroughfares and they have a LPR's on vehicles that patrol their communities, and continually logs license plates as they travel down streets or in parking lots. All of this information on the database is available to law enforcement. LEARN provides agencies with investigative tools for enhanced investigations, vehicle hotlists, querying historical license plate reader data, and using advanced analytics.

The system features low-profile dual-lens (infrared and color) cameras with integrated processors. Vigilant Mobile LPR recognizes license plates in the camera's field of view, matches against various hotlists, and alerts the officer on the vehicle's Mobile Data Terminal (MDT) or laptop.

Also included in Vigilant Solutions Software is their Facial Recognition Software, FaceSearch, which is an easy to use facial recognition solution available via the web, on mobile devices, and as a PC-based application. FaceSearch was developed by Vigilant to deliver a simple interface with a tremendous amount of image data. FaceSearch's intuitive interface is enabled by millions of pre-populated face images from Vigilant via registered sex offender databases, CrimeStoppers and other websites.

National Sales Manager Barnett set up a trial for members of the Margate Police Department. During the trial, the Special Enforcement Team (SET) had tremendous success with this software. Below are just some of the investigations that resulted positively based on using the Vigilant system:

- *LEARN was utilized to locate an attempted homicide subject's vehicle on the night of the crime, which occurred in the City of Margate.*
- *LEARN was utilized to locate and recover a stolen vehicle and one subject was arrested.*
- *LEARN was utilized to locate a subject who had an active warrant and he was arrested.*

- *LEARN was utilized to locate and recover a stolen license plate.*
- *LEARN was utilized to locate a stolen vehicle in Coconut Creek and info passed to them.*
- *LEARN was utilized to locate a burglary suspect for a tracker install on joint case with PBSO.*
- *LEARN was utilized to locate and recover a stolen vehicle in North Lauderdale. Info passed to BSO North Lauderdale CST.*
- *A stolen vehicle from Margate was entered into LEARN and SET discovered that the vehicle was scanned in the City of Doral. Doral PD and our CIU were notified.*
- *A carjacking vehicle was entered into LEARN and the following day the vehicle was scanned in Coral Springs by one of their LPR trailers. This information was forwarded to Margate CIU.*

In respects to our trial run of Vigilant's LEARN LPR software was used in a specific investigation where detectives were able to acquire evidentiary information in an attempted murder case. The suspect involved in this attempted murder case drove his vehicle to and from the crime scene and through further investigation with Vigilant's LEARN LPR system; we discovered that the subject's vehicle was scanned by a LPR in our city several hours after the crime occurred. This information was important due to the subject residence was in Palm Beach County. With this obtained data/evidence from Vigilant's LEARN software, Detectives were able to further their investigation and search areas for the subject that was not previously known to be areas where the subject stayed. This information proved valuable in the case. This is just one example of the successes obtained during our trial use.

I have researched law enforcement agencies in South Florida and found out that a large majority of them have implemented LPR systems into their police departments. Several agencies have been utilizing LPR systems since 2008. Our bordering agencies, Broward Sheriff's Office North Lauderdale District, Coral Springs Police Department and Coconut Creek Police Department all use LPR systems. There are several documented articles that display the success rate of agencies that use the LPR systems and several polled agencies stated that LPR Systems are solving crimes, not just vehicle recoveries.

I spoke with Coral Springs Police Department's Criminal Investigations Sergeant Randy Rosenberg, who advised me that CSPD utilizes Vigilant Solutions LEARN LPR software along with four stationary/portable LPR trailers and two marked unit LPR mobile vehicles. During the course of using Vigilant's system and LPR cameras, CSPD has been able solve two of their homicide cases with the stationary/portable LPR trailers. Sergeant Rosenberg said his Detectives were able to gain evidentiary data on the murder suspect's vehicles through Vigilant's LEARN software and if not for the obtained data, they would have not been able to successfully acquire probable cause for an arrest. CSPD has also located an endangered missing person by entering the subject's tag into Vigilant's LEARN system and they obtained an address where the vehicle's tag was scanned by an LPR. CSPD Detectives responded to this location and found the missing endangered person on the floor and suffering a medical emergency. If not for Vigilant's software, the person would not have been located by law enforcement and received medical aide, thus saving their life. Additionally, Sergeant Rosenberg advised me that CSPD has been satisfied with the results of Vigilant's LEARN software/LPR trailers and they are currently in the process of obtaining additional LPR trailers. Sergeant Rosenberg also said there are numerous other

incidents where Vigilant's software/LPR readers have aided in the capture of criminal offenders, recovery of stolen vehicles, and assisted in locating missing persons.

I made contact with another LPR company, Digital Recognition Network (DRN) in regards to their LPR systems. Their employee advised me that Vigilant Solutions is the only company that provides the large amount of data and commercial data to their users. He further stated that the data and commercial data that Vigilant Solutions maintains is approximately 80% greater than any other comparable company presently utilizing these types of databases for law enforcement.

Due to Vigilant Solutions having the largest database in North America with over 2 billion detections and growing at over 70 million a month, I have selected them as the best LPR choice for the Margate Police Department's purchase proposal.

I have attached the Vetted Security Solutions Project Quote for purchases of Vigilant Solutions LEARN Software.

- Quote: would include only LEARN "All Access" Software, Facial Recognition Software and Training at a total cost of $10,990.00.
  This option would have a reoccurring cost of $7,750.00

With the possibility of obtaining this technology, I can confirm that the Margate Police Department will greatly benefit on various investigative levels. We have been using this system for several months on a free trial basis, and it has been used consistently, as indicated above with successful results.

Lt. J. Galaska – 02/08/17
I concur that this is a very useful tool. It is not merely for finding stolen tags, you can put any tag in you want to locate, which we have done during an attempted homicide investigation and multiple SET and SOU investigations. This puts cars in areas of crimes, shows where this car may be located and can be used for evidentiary purposes. The system is very robust, and I strongly feel we should get the software, and eventually obtain a few LPR systems to operate within our city. At the very least, we should incorporate this software system.

TOT Captain J. Shaw

I agree that the software is necessary for investigation advancement (initial purchasing cost of $10,990.00 including advanced training on the system). Although this will initiate a re-occurring cost to the department ($7,750.00) it is an excellent investigative tool. The LPR's can be purchased in the future or in combination with other pieces of equipment that are need of replacement (ie: Message Boards). A sole source justification letter has been attached with the documentation to this memorandum.

Capt. Jon Shaw 02/09/17