



TOWN OF APPLE VALLEY

TOWN COUNCIL STAFF REPORT

To: Honorable Mayor and Town Council **Date:** April 24, 2018

From: Laura Marks, Administrative Sergeant **Item No:** 5
Apple Valley Station

Manny Mendoza, Captain
Apple Valley Station

Subject: ADOPT BUDGET AMENDMENT NO. 18-12 APPROPRIATING HOMELAND SECURITY GRANT FUNDS AND LAW ENFORCEMENT FACILITIES FUNDS FOR THE PURCHASE OF AUTOMATED LICENSE PLATE READERS FOR INFORMATION SHARING AND PUBLIC SAFETY AS WELL AS TO PROTECT CRITICAL INFRASTRUCTURES AND KEY RESOURCES

T.M. Approval: _____ **Budgeted Item:** Yes No N/A

RECOMMENDED ACTION:

It is recommended that the Town Council:

- A. Approve receipt of the Homeland Security Grant funding in the amount of \$22,779 and adopt Budget Amendment Number 18-12 appropriating grant funding; and
- B. Authorize the Town Manager and/or Assistant Town Manger to execute the agreement with the Homeland Security Grant Program through the Governor's Office of Emergency Services to distribute the funds to Vigilant Solutions for the purchase of automated license plate readers.

SUMMARY AND BACKGROUND:

The Town has received funds from the Homeland Security Grant Program over the last several years. The funds are distributed to various law enforcement jurisdictions based upon population. The funds are intended to be used to prevent, protect against, mitigate, respond to and recover from threats, hazards, and acts of terrorism. The funds are distributed through the Governor's Office of Emergency Services. Based upon the

projected allocations outlined in the 2017 Homeland Security Grant funding, the Town has been allotted grand funding in the amount of \$22,779.

In considering various uses of the grant funding, protecting our Town and its resources, which constitute the citizens, dwellings and businesses, is a key factor. Being able to share data for public safety is also an important factor. The Sheriff's Department is currently using Automated License Plate Readers (ALPR) throughout the department.

ALPR's capture license plate images from high resolution cameras. The ALPR's can be strategically placed in areas of high traffic, affixed to secured objects, such as light poles or traffic control poles or the cameras can also be made mobile by mounting them to a vehicle or a trailer.

The ALPR's scan the surrounding area for license plates. The system captures color images of each vehicle as well as an infrared image of the license plate, which is converted into a text file that is then checked against an onboard database. In the event of a "hit," an audible and visual alert notifies the officer and/or dispatcher. Display of the "hit" event includes the plate image, date and time stamp, vehicle color overview image, GPS coordinates and relevant database information pertaining to the nature of the hit.

The San Bernardino County Sheriff's Department (TSD) has already installed large database servers in our server room on our Local Area Network (LAN). The servers are supported and maintained by our TSD staff members including Automated Systems Analyst(s) and Database Administrators. The data will be archived, providing access to investigators and field personnel to the database for retrieval of pertinent information for investigative purposes. Regular database updates will be received every four (4) hours by way of direct File Transfer Process (FTP) from the Department of Justice (DOJ) for the National Crime Information Center (NCIC).

The Town of Apple Valley contracts with the Sheriff for police services. After extensive research and testing of LPR vendors, the Sheriff selected a vendor, Vigilant Solutions, for county wide LPR police data solutions. The network and infrastructure are already in place and is currently passing Sheriff Data to a hosted cloud within a secure data center. All data stored and maintained can easily be shared between all sheriff stations and other municipalities within our county, and/or throughout the state. Vigilant Solutions is already deployed in other stations within the Sheriff's Department, including other contract cities such as Rancho Cucamonga, Big Bear, Hesperia and Highland, just to name a few.

In order to use the current Sheriff network for LPR data, to receive support from the Sheriff on any LPR project, the standardized vendor selected by them must be used, as they will not support various platforms and/or systems.

FISCAL IMPACT:

None. The allotted grant funding will be sufficient for the cost ALPR system installed by Vigilant Solutions.

CONCLUSION:

The staff recommended approval by Town Council of Budget Amendment Number 18-12 to appropriate the grant funding, and authorization of appropriate staff to execute the Vigilant Solutions agreement, will allow for the installation of an ALPR system to enhance protection and share data.

ATTACHMENTS:

1. Budget Amendment Number 18-12
2. Proposed Agreement with Vigilant Solutions, LLC.



TOWN OF APPLE VALLEY
BUDGET AMENDMENT REQUEST

BA# 18-12

Requesting Department	Prepared By	Date Prepared
Police	Mark Shaker	April 12, 2018

REVENUES AND OTHER FINANCING SOURCES

Account Description	Fund	Dept	Account No.	Amendment Amount	PR
Police Grants	2610	2519	6927-0000	22,779	
REVENUE TOTAL				22,779	

EXPENDITURES AND OTHER FINANCING USES

Account Description	Fund	Dept	Account No.	Amendment Amount	PR
Homeland Security Grant	2610	2519	7370-0000	22,779	
EXPENDITURE TOTAL				22,779	

PURPOSE

To budget for the revenues and expenditures associated with the Homeland Security Grant for
FY 18-19

Department Director	Date	Director of Finance/Finance Manager	Date

Town Manager	Date	Entered by	Date



Quote For:

**San Bernardino County Sheriff - Apple Valley Station
RU2 820 ALPR Retrofit**

Quoted By:

**Vigilant Solutions, LLC
Greg Mills**

Date: 04-06-18

Be Smart. Be Safe. Be Vigilant.

		Vigilant Solutions, LLC 1152 Stealth Street Livermore, California 94551 (P) 858-287-0067		Be smart. Be safe. Be Vigilant.	
Attention:	San Bernardino County Sheriff - Apple Valley Station	Date	4/6/2018		
Project Name:	RU2 820 ALPR Retrofit	Quote Number:	GSM-0766-03		

PROJECT QUOTATION

We at Vigilant Solutions are pleased to quote the following systems for the above referenced project:

Qty	Item #	Description
(1)	Fixed Camera LPR SYS-1 (2)VSF-075-H-RE	Vigilant Fixed LPR Camera with Integrated Smart Processor <u>Hardware:</u> <ul style="list-style-type: none"> • Integrated (Internal) solid state DSP Smart processor units - No moving parts <ul style="list-style-type: none"> ◦ Plug-N-Play IP based camera with Power Over Ethernet (POE) • Includes field installed J-Box • 75mm LPR Camera(s) with IR and Color video <ul style="list-style-type: none"> ◦ Includes RAM mounting bracket <u>Software:</u> <ul style="list-style-type: none"> • Direct connect to Vigilant's nationally hosted LEARN LPR data server <ul style="list-style-type: none"> ◦ Includes CarDetector LPR software for local server hosting • LPR vehicle license plate scanning / real time alerting <ul style="list-style-type: none"> ◦ Full suite of LPR tools including data analytics
Subtotal Price (Excluding sales tax)		\$14,600.00

Qty	Item #	Description
(1)	BCAE1F2-V	Four Camera Reaper Communications Box with cellular router and Verizon Modem - two cable glands <ul style="list-style-type: none"> • Complete communications and power management solution for up to four (4) Reaper fixed cameras • Includes power management and voltage protection for all components, as well as a router for cellular communications between the cameras and the agency's LEARN account • Includes Verizon modem • Private Wi-fi access point for administrative access to cameras • Integrated GPS with integrated NTP server for accurate time stamps on all detections • Enclosed in a vented NEMA 3R enclosure with fan for cooling • Operational temperature spec -20C to 50C ambient • Two cable glands; one for power, one 3/4" for CAT5
Subtotal Price (Excluding sales tax)		\$3,600.00

Qty	Item #	Description
(1)	VSBSCSVC-04	Vigilant LPR Basic Service Package for Hosted/Managed LPR Deployments <ul style="list-style-type: none"> • Managed/hosted server account services by Vigilant <ul style="list-style-type: none"> ◦ Includes access to all LEARN or Client Portal and CarDetector software updates • Priced per camera per year for over 60 total camera units • Requires new/existing Enterprise Service Agreement (ESA)
Subtotal Price (Excluding sales tax)		\$500.00

Qty	Item #	Description
(2)	526356	LAIRD 3G/4G Multiband Phanrtom Antena white
Subtotal Price (Excluding sales tax)		\$64.80

Qty	Item #	Description
(1)	475843	LARSEN Low Profile 28 db black 5V GPS Antenna
Subtotal Price (Excluding sales tax)		\$36.00

Qty	Item #	Description
(1)	BCA-1200112A-01	Meanwell True Sine Wave 200W Inverter 12VDC IN, 120V, 60HZ AC Out
Subtotal Price (Excluding sales tax)		\$200.00

Qty	Item #	Description
(1)	TAS-UL	Target Alert Service - LPR Alert Delivery Software - Unlimited User <ul style="list-style-type: none"> • Real Time LPR notification and mapping software sends LPR alerts to any in-network PC • Send Alerts over any communication protocol including LAN, WAN, internet wireless, etc. • Server Client software compatible with all Vigilant CDFS applications
Subtotal Price (Excluding sales tax)		\$0.00

Qty	Item #	Description
(2)	SSU-SYS-COM	Vigilant System StartUp & Commissioning of 'In Field' LPR system <ul style="list-style-type: none"> • Vigilant technician to visit customer site • Includes system start up, configuration and commissioning of LPR system • Applies to mobile (1 System) and fixed (1 Camera) LPR systems
Subtotal Price (Excluding sales tax)		\$800.00

Qty	Item #	Description
(1)	VS-TRVL-01	Vigilant Travel via Client Site Visit <ul style="list-style-type: none"> • Vigilant certified technician to visit client site • Includes all travel costs for onsite support services
Subtotal Price (Excluding sales tax)		\$300.00

Qty	Item #	Description
(2)	VS-SHP-02	Vigilant Shipping & Handling Charges <ul style="list-style-type: none"> • Applies to each fixed camera LPR System • Shipping Method is FOB Shipping
Subtotal Price (Excluding sales tax)		\$110.00

Qty	Item #	Description
(1)	Trailer Retrofit	Retrofit of Existing RU2 820 Trailer with ALPR Equipment <ul style="list-style-type: none"> • ALPR Enclosure Modification • Modification of upper framework to accommodate ALPR enclosure • One additional 90 Ah Group 27 non-spillable AGM battery. Includes 2 bank charger upgrade. • Crating: Fast 820/870 • Assumes customer will meet RU2 in Blythe to drop off trailer.
Subtotal Price (Excluding sales tax)		\$2,485.00

Quote Notes:

1. All prices are quoted in USD and will remain firm and in effect for 60 days.
2. No permits, start-up, installation, and or service included in this proposal unless explicitly stated above.
3. All hardware components to have standard One (1) year hardware warranty.
4. All software to have standard one (1) year warranty for manufacturer defects.
5. This Quote does not include anything outside the above stated bill of materials.
6. 1 year of hosting services included.
7. Quote assumes network simm cards furnished by the customer.
8. Quote assumes customer will drop off trailer in Blythe.
9. Requires new ESA contract.
10. Tax on hardware not included.

Quoted by: Greg Mills - 858-287-0067 - greg.mills@vigilantsolutions.com

Total Price (Excluding sales tax)	\$22,695.80
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