



San Rafael

Agenda Item No: 3 i.

Meeting Date: March 19, 2012

SAN RAFAEL CITY COUNCIL AGENDA REPORT

Department: Police

Prepared by: Lt. Raffaello Pata
Captain

City Manager Approval: *D. Muehle*

SUBJECT: RESOLUTION OF THE SAN RAFAEL CITY COUNCIL APPROVING USE OF DEPARTMENT OF HOMELAND SECURITY GRANT FUNDS OF \$19,039.95 SECURED BY THE MARIN COUNTY SHERIFF'S AUTO THEFT TASK FORCE FOR PURCHASE OF A FOUR (4) CAMERA AUTOMATED VEHICLE LICENSE PLATE READER SYSTEM, EQUIPMENT AND INSTALLATION, AND ADDITIONAL POLICE DEPARTMENT FUNDS TO BE USED TO PURCHASE A SECOND TWO (2) CAMERA AUTOMATED VEHICLE LICENSE PLATE READER SYSTEM, EQUIPMENT AND INSTALLATION FOR \$14,085.56 FROM A SOLE SOURCE VENDOR, VIGILANT VIDEO – LEHR AUTO COMPANY, TO BE PURCHASED BY APRIL 30, 2012.

RECOMMENDATION: Staff recommends the Council adopt resolution authorizing execution of contract with the Marin County Sheriff's Department to accept Department of Homeland Security (DHS) to funds to purchase equipment and installation of equipment by April 30, 2012.

BACKGROUND: The San Rafael Police Department was included in a Department of Homeland Security grant, sought and successfully awarded to the Marin County Sheriff's Office. The Marin County Sheriff, on behalf of their organization, the Novato Police Department and San Rafael Police Department, requested this grant to purchase and install one (1) four camera Automatic License Plate Reader (ALPR) for each listed agency.

An ALPR system is a computer based system that utilizes special cameras to capture a color image, as well as infrared image, of a license plate from a passing vehicle. The images are converted to a text file utilizing Optical Character Recognition (OCR) technology. The text file is automatically compared against an "information data file" that contains information on stolen or wanted vehicles as well as vehicles associated with AMBER alerts and suspects that have warrants for arrest.

So called "wanted vehicles" or vehicles associated with "wanted suspects" or persons with arrest warrant information connected to a vehicle requires a secondary confirmation outlined and well documented in a department policy. The use of ALPR has been in practice with law enforcement and private sector industry for more than 10 years.

FOR CITY CLERK ONLY

File No.: _____

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Disposition: _____

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A second, smaller ALPR system will be purchased by the police department from department funds. The ALPR unit purchased by the grant is "hard mounted" and fixed into one car; the second unit will provide redundancy when the grant purchased unit is out of service for repair or for any potential malfunction.

Analysis: The ALPR unit will enhance the department's goals and objectives of utilizing well established and tested technology in our mission to provide a safe community. The ALPR system will help San Rafael as it has helped other communities here in Marin and abroad in locating wanted suspects and bringing them to justice. It will also provide a secondary benefit in aiding with locating and returning stolen vehicles to their owners.

The equipment provided to the police department is the result of a sole source vendor secured by the Marin County Sheriff's Office Auto Theft Task Force through their grant process.

FISCAL IMPACT: The Grant will reimburse the city \$19,039.58 to purchase the listed equipment. This amount will cover the complete costs to purchase and install the equipment for this one unit. The second unit will be a two (2) camera system that will enhance the above four (4) camera system. The cost from the police department's budget will be \$14,085.56.

The additional system will be purchased with secured funds from the police department budget.

The total projected cost for this project is as follows:

Category-Eden Expense Code	Amount	Note(s)
Design-01	0	
Construction-02	0	
Construction Management-03	0	
Land Acquisition-04	0	
Site Testing-05	0	
Furniture and Equipment-06	\$33,125.51	\$19,039.95 will be reimbursed by the County of Marin via DHS Grant.
Supplies and Services-07	0	
Personnel-08	0	
Other Elements-99		
Total Projected Cost	\$33,125.51	

Funding Source

We request that the Council approve \$33,125.51 for the project, from the following funding source(s):

Source	Amount	Note(s)
DHS - Marin County	\$19,039.95	
City of San Rafael Police Budget	\$14,085.56	
Total Available Funds	\$33,125.51	

ACTION REQUIRED: Adopt resolution authorizing execution of contract with the Marin County Sheriff's Office as a result of a Department of Homeland Security grant and the use of additional Police Department funds for the ALPR equipment purchase and installation by April 30, 2012.

Attachments: (1)

- (1) Resolution.
- (2) Sole Source Letter
- (3) Two price quotations.

RESOLUTION NO. _____

RESOLUTION OF THE SAN RAFAEL CITY COUNCIL APPROVING USE OF DEPARTMENT OF HOMELAND SECURITY GRANT FUNDS OF \$19,039.95 SECURED BY THE MARIN COUNTY SHERIFF'S AUTO THEFT TASK FORCE FOR PURCHASE OF A FOUR (4) CAMERA AUTOMATED VEHICLE LICENSE PLATE READER SYSTEM, EQUIPMENT AND INSTALLATION, AND ADDITIONAL POLICE DEPARTMENT FUNDS TO BE USED TO PURCHASE A SECOND TWO (2) CAMERA AUTOMATED VEHICLE LICENSE PLATE READER SYSTEM, EQUIPMENT AND INSTALLATION FOR \$14,085.56 FROM A SOLE SOURCE VENDOR, VIGILANT VIDEO – LEHR AUTO COMPANY, TO BE PURCHASED BY APRIL 30, 2012.

Whereas, the City of San Rafael has marked patrol vehicles that patrol the community each day of the year, twenty-four hours a day; and

Whereas, the Department of Homeland Security (DHS) has approved a grant authored by the Marin County Sheriff's Office Auto Theft Task Force that included the San Rafael Police Department as one of the recipients of a grant for a four (4) camera Automated Vehicle License Plate Reader (ALPR) equipment in an amount up to \$19,039.96, to enhance the City's ability to locate and apprehend suspects wanted for violent felony crimes as well as stolen vehicles; and

Whereas, the Police Department will initially purchase the grant funded Automated Vehicle License Plate Reader with department funds that will be reimbursed by the grant after initial purchase; and

Whereas, the Police Department will purchase a second unit, a two (2) camera Automated Vehicle License Plate Reader with department funds for an additional cost of \$14,085.56 to enhance the ability to locate and apprehend suspects wanted for violent felony crimes as well as stolen vehicles and to provide redundancy in support of the DHS equipment.

Whereas, the Police Department seeks approval to purchase this equipment from a sole source vendor in conjunction with the Marin County Sheriff's Office grant to have the same equipment installed on both San Rafael Police units to maintain consistency and interoperability with the Marin County Sheriff and Novato Police Department units deployed in this grant program.

NOW, THEREFORE BE IT RESOLVED, that the Mayor of the City of San Rafael is hereby authorized to execute a contract with Marin Sheriff's Office for purchase from the sole sourced vendor, Vigilant Video – Lehr Auto Company, of a four (4) camera Automated Vehicle License Plate Reader in the amount of \$19,039.95, subject to reimbursement of said funds to the City of San Rafael from funds secured through a Department of Homeland Security grant.

BE IT FURTHER RESOLVED, that the Police Department is authorized to purchase a second two (2) complete camera system, to include equipment and installation, from the same sole vendor, Vigilant Video - Lehr Auto Company, for the amount of \$14,085.56. This second system will enhance and provide redundant coverage for the police department and will enhance the department's public safety efforts and assist in locating and recovering stolen vehicles.

I, Esther Beirne, Clerk of the City of San Rafael, hereby certify that the foregoing resolution was duly and regularly introduced and adopted at a regular meeting of the San Rafael City Council meeting held on March 19, 2012 by the following vote, to wit:

AYES: COUNCILMEMBERS:

NOES: COUNCILMEMBERS:

ABSENT: COUNCILMEMBERS:

ESTHER BEIRNE, City Clerk

Vigilant Video

December 01, 2011

This memorandum is a request for authorization for sole source acquisition of goods and services from Vigilant Video based in Livermore CA. Vigilant Video is a leading provider of advanced video analytics solutions for law enforcement, advanced security and consumer behavior analysis applications. Furthermore, Vigilant Video specializes in diverse PC and DSP based applications of Advanced Video Analytics software and is an innovative developer of video algorithm libraries and video mining technologies. With over 17 years of video imaging expertise in the LPR, semiconductor, and security automation industries Vigilant Video has been delivering quality products and service all over the world.

Vigilant Video currently provides technology support for the United States' largest private license plate reader (LPR) database available. Nationwide we are currently loading over 9,000,000 unique license plate records per month of mostly stationary (parked) vehicles from key geographic regions. By the end of 2010, the size of the private LPR network will develop in scans by 300%. Vigilant Video's LPR Law Enforcement Sharing Program (LESP) shall be capable of sweeping most US major metropolitan areas within a twelve month period or less. No other LPR vendor has the product and resources that technically meets the type of standards required for such a solution.

Vigilant Video has grown as a sole source vendor on all of the products we offer. We are the exclusive software developer and manufacturer of similar types of units for agencies like: U.S. Military, SPAWAR Pacific, and many other Military and Law Enforcement Agencies. Vigilant Video was recently awarded the bid for the Everett WA PD for use in the Auto Theft Prevention Task Force. Every agency is satisfied with the fact that Vigilant is a sole source vendor. All aspects of our solution are done under our care and control at our factory in Livermore CA. I am sure that you also will be very satisfied with our products.

If you require any additional information please feel free to contact, Randall W. Robison @ 949-350-3486. Email: Randy@vigilantvideo.com

		Lehr Auto Electric 4707 Northgate Blvd. Sacramento, California 95834 (P) 916-646-6626 (F) 916-646-6656			
Attention:	San Rafael Police Department	Date:	2/1/2012		
Project Name:	San Rafael Police Department	Quote Number:	J-S-0020-02		

PROJECT QUOTATION

We at Lehr Auto Electric are pleased to quote the following systems for the above referenced project:

Qty	Model #	Description
(1)	Mobile LPR SYS-1 CDMC4PW2233	CarDetector - DSP Based Mobile LPR 4-Camera System <u>Software Includes:</u> - Includes CarDetector software application, MDC Viewer application & OCR engines - Includes Camera control package, Hot-List Management & reporting capabilities - CarDetector Mobile LPR Software Version 5.0 <u>Hardware Includes:</u> - Includes solid state 4-channel DSP Unit (No Moving Parts) - System Shall have Single Point Power Connection w/ SAE certified Wiring Harness - Permanent SAE rated wiring harness (Direct To battery) - Field Installed GPS Receiver & factory installed camera cable quick disconnects - Includes Qty=2 Combination IR / Color LPR Camera - 25mm Lens Package - Includes Qty=2 Combination IR / Color LPR Camera - 35mm Lens Package
Subtotal Price (Excluding sales tax):		\$14,970.00

Qty	Model #	Description
(1)	VV-LEARN--H	LEARN-NVLS LPR Data Hosting Service via National Law Enforcement LPR Server - Includes automated 'Hot-List' management with refresh intelligence - Automated CarDetector software update management - Database of all LPR data acquired by each CarDetector system including images - Complete search, mapping, query and data mining utilities w/ administrative security - Requires NO server hardware, NO server maintenance - Plug-N-Play an unlimited number of CarDetector LPR systems
Subtotal Price (Excluding sales tax):		\$0.00

Qty	Model #	Description
(1)	VV-LEARN--S	Vigilant Video's Law Enforcement Archival Reporting Network Software - LEARN - Includes automated 'Hot-List' management with refresh intelligence - Automated CarDetector software update management - Database of all LPR data acquired by each CarDetector system including images - Complete search, mapping, query and data mining utilities w/ administrative security - Requires license for MS-Windows 2003/08 Server & MS-SQL 2005/08 Provided BY OTHERS - Server hardware & required software (including OS) provided & installed BY OTHERS.
Subtotal Price (Excluding sales tax):		\$0.00

Qty	Model #	Description
(1)	SSU-34-COM	Start Up, Configure & Commission the CarDetector Mobile System - 3 or 4 Camera Kit - Vigilant Video certified technician to visit site for up to 4 hours - Set up and configuration of CDMS & LEARN hardware/software system
Subtotal Price (Excluding sales tax):		\$910.00

Qty	Model #	Description
(1)	3YR WARRANTY	3 YEAR WARRANTY ON HARDWARE
Subtotal Price (Excluding sales tax):		\$1,668.34

Qty	Model #	Description
(1)	Tax	Tax @ 8.5%
Subtotal Price (Excluding sales tax):		\$1,491.61

NOTES:

1. All prices are quoted in USD and will remain firm and in effect for 60 days.
2. Central compute resource hardware sold separately unless explicitly stated above.
3. Complete system to be delivered within 30 days of AOR (After Receipt of Order).
4. Orders requiring immediate shipment may be subject to a 15% QuickShip fee.
5. No permits, start-up, installation, and or service included in this proposal unless explicitly stated above.
6. Start Up and Training services are exclusive of travel costs - Cost to be borne BY OTHERS.
7. Compatibility with Vigilant Video hardware/software to be confirmed prior to sale.
8. Compliance to local codes neither guaranteed nor implied.
9. Software is manufactured under strict Vigilant Video standard.
10. All orders subject to credit acceptance by Vigilant Video management.
11. This Quote is provided per our conversation & details given by you - not in accordance to any written specification.
12. This Quote does not include anything outside the above stated bill of materials.
13. Tax included @ 8.5%

Quoted by: Jim Stommel or Steve Adair
steve@lehrauto.com

Phone: 916-646-6626

Email: jim@lehrauto.com ;

Total Price (Excluding sales tax):		\$19,039.95
Accepted By:	Date:	P.O. #

Vigilant Video		Lehr Auto Electric 4707 Northgate Blvd. Sacramento, California 95834 (P) 916-646-6626 (F) 916-646-6656			
Attention:	City of San Rafael	Date	2/1/2012		
Project Name:	ALPR	Quote Number:	J-S-0017-04		

PROJECT QUOTATION

We at Lehr Auto Electric are pleased to quote the following systems for the above referenced project:

Qty	Model #	Description
(1)	Mobile LPR SYS-1 CDMC2PW23--	CarDetector - DSP Based Mobile LPR 2-Camera System (Expandable to 4 Cams) Software Includes: - Includes CarDetector software application, MDC Viewer application & OCR engines - Includes Camera control package, Hot-List Management & reporting capabilities - CarDetector Mobile LPR Software Version 5.0 Hardware Includes: - Includes solid state DSP Unit (No Moving Parts) - Expands to 4 cameras - System Shall have Single Point Power Connection w/ SAE certified Wiring Harness - Permanent SAE rated wiring harness (Direct To battery) - Field Installed GPS Receiver & factory installed camera cable quick disconnects - Includes Qty=1 Combination IR / Color LPR Camera - 25mm Lens Package - Includes Qty=1 Combination IR / Color LPR Camera - 35mm Lens Package
Subtotal Price (Excluding sales tax):		\$9,870.00

Qty	Model #	Description
(1)	SSU-12-COM	Start Up, Configure & Commission the CarDetector Mobile System - 1 or 2 Camera Kit - Vigilant Video certified technician to visit site for up to 3 hours - Set up and configuration of CDMS & LEARN hardware/software system
Subtotal Price (Excluding sales tax):		\$680.00

Qty	Model #	Description
(1)	Install Labor	Install Of ALPR on Police Vehicle
Subtotal Price (Excluding sales tax):		\$650.00

Qty	Model #	Description
(1)	Bracket	Custom light barr bracket TBD
Subtotal Price (Excluding sales tax):		\$165.00

Qty	Model #	Description
(1)	3 year Warranty	3 year hardware warranty
Subtotal Price (Excluding sales tax):		\$1,668.00

Qty	Model #	Description
(1)	Tax	Tax rate 8.50
Subtotal Price (Excluding sales tax):		\$1,052.56

NOTES:

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5. No permits, start-up, installation, and or service included in this proposal unless explicitly stated above.
6. Start Up and Training services are exclusive of travel costs - Cost to be borne BY OTHERS.
7. Compatibility with Vigilant Video hardware/software to be confirmed prior to sale.
8. Compliance to local codes neither guaranteed nor implied.
9. Software is manufactured under strict Vigilant Video standard.
10. All orders subject to credit acceptance by Vigilant Video management.
11. This Quote is provided per our conversation & details given by you - not in accordance to any written specification.
12. This Quote does not include anything outside the above stated bill of materials.
13. Tax Rate 8.5% Added to quote Tax = \$1052.56

Quoted by: Jim Stommel or Steve Adair
steve@lehrauto.com

Phone: 916-646-6626

Email: jim@lehrauto.com ;

Total Price (Excluding sales tax):	\$14,085.56	
Accepted By:	Date:	P.O. #