



**CITY OF GROSSE POINTE WOODS  
DEPARTMENT OF PUBLIC SAFETY**

RECEIVED

Date: December 12, 2024

DEC 13 2024

To: City Administrator Frank Schulte

*F.S.*

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

From: Director John G. Kosanke

*John G. Kosanke*

Subject: License Plate Reader Project

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Several years ago, the Grosse Pointe Public Safety Foundation, was formed to assist the Grosse Pointe/Harper Woods Public Safety Departments with projects. The Foundation has already funded a radio repeater for Grosse Pointe South High School and soon will be installing a repeater in Grosse Pointe North High School.

The next project is for License Plate Readers (LPR) to be installed throughout the Grosse Pointes and Harper Woods. License Plate Readers capture license plates when a vehicle passes by the reader. The license plate information is used for investigative purposes to locate criminals and diffuse crime trends.

The Grosse Pointe and Harper Woods Directors have worked with the Foundation and Motorola on this project. The Grosse Pointe Public Safety Foundation is paying for the initial cost (\$45,845.00) except for the monthly data plan for the reader's sim card. Estimated yearly total cost would be \$2,700.00 for all 5 LPR's.

After the first year we will be responsible for the following: Licensing Agreement of \$2,750.00, Data Sim Card plan \$2,700.00, and the Investigative Data Platform \$4,250.00, for a total of \$9,700.00. This will be an annual budgeted item for Public Safety.

The LPR's will be at the following locations:

- Allard East of Harper
- N/B Mack at Blossom Lane
- E/B Vernier near West city limits
- S/B Mack at Brys
- S/B Marter at Parkway

We are trying to cover the main entrances into the city. Ascension St. John recently installed more cameras on their complex including a camera at the entrance. I am working with the hospital to see if they would fund an LPR. If the Foundation receives more donations, we could be adding more LPR's in the future I don't have

**any hesitation or concerns with this project. The department will have a policy in place when we go live with the readers. A lot of surrounding communities already use LPR's and found it to be great tool in the fight against crime. We strive to make the Grosse Pointe's as safe as it can be to live, work and visit. Let me know if you have any questions or would like to discuss more in detail.**

**This agreement has been reviewed and approved by City Attorney Matthew Zalewski. I am requesting that City Administration will sign the agreement.**



63 Kercheval Avenue, Suite 222  
Grosse Pointe Farms, MI 48236

**Daniel Jensen**  
Executive Director  
313-303-6707

December 9, 2024

Frank Schulte  
City of Grosse Pointe Woods  
20025 Mack Avenue  
Grosse Pointe Woods, MI 48236

**Re. Restricted Gift of the Grosse Pointe Public Safety Foundation (“GPPSF”)**

Dear Mr. Schulte:

GPPSF is a 501(c)(3) public charity committed to providing the law enforcement agencies of the five Grosse Pointes and Harper Woods with cutting edge tools and technologies to maximize the security and safety of our community.

On November 14, 2024, the Board of Directors of the GPPSF unanimously approved a gift to the City of Grosse Pointe Woods (“GPW”) of five (5) Motorola Solutions (“Motorola”) License Plate Readers (“LPRs”), related equipment, certain installation and configuration costs, and all related license fees for the first year of implementation (collectively, the “LPR System”). The cost of the LPR System will be fully funded by GPPSF, but the LPR System, including the location and placement of each LPR, has been selected by GPW. The attached proposal from Actron Integrated Security Systems, an approved Motorola contractor (“Actron”) which has been approved by GPW, outlines the LPR packages selected by GPW municipal officials, including law enforcement, in conjunction with Actron and Motorola.

Title to the LPRs, related equipment, licenses, and warranties outlined in the proposal will be in GPW’s name. All annual license costs outlined in the proposal beyond the first year of implementation are the responsibility of GPW. All maintenance, hard wiring and related work and material (e.g. trenching, electrical), increase in municipal cellular data plan costs, and other operational costs to keep the LPR System in good working order shall be the responsibility of GPW.

GPW shall endeavor to budget and expend sufficient funds to maintain the LPR System in good operating condition throughout the useful life of the LPR System.

These terms shall apply to additional gifts by GPPSF to GPW relating to the LPR System (i.e. additional LPRs, equipment, materials, and installation) except that GPW shall be responsible for all license fees upon deployment of additional LPRs to the LPR System). However, GPPSF has not committed any additional gifts, and GPW should not expect or rely on any funding from GPPSF relating to the LPR System, including maintenance and operational costs, beyond this initial gift.

**Board of Directors**

Sean Cotton	Michael Shields
Nico Gatzaros	Greg Stevens
Daniel Jensen	Michael Stines
David Nicholson	

**Advisory Committee**

John Alcorn, GPC DPS	John Hutchins, GPF DPS
James Bostock, GPP DPS	John Kosanke, GPW DPS
Jason Hammerle, HW DPS	Kenneth Werenski, GPS DPS



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Daniel Jensen  
Executive Director  
313-303-6707

THE LPR SYSTEM IS DONATED "AS IS." WITHOUT RESTRICTING THE GENERALITY OF THE FOREGOING, GPPSF DOES NOT MAKE ANY REPRESENTATIONS OR WARRANTIES, WHETHER WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED WITH RESPECT TO THE LPR SYSTEM AND INFORMATION WHICH MAY BE PROVIDED HEREUNDER, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF THE MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. GPPSF SHALL NOT BE LIABLE FOR DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM RECEIPT OR USE OF THE LPR SYSTEM.

GPW agrees to hold harmless GPPSF, its agents, servants, employees, officers and directors from any and all claims, actions, suits, procedures, costs, expenses, damages and liabilities, including attorney's fees, which may be sustained or claimed to be sustained by any person, and all damages to property, caused by or in connection with GPW's use, possession, ownership, sale or disposal of the LPR System.

GPW agrees to release, waive, discharge and covenant not to sue GPPSF and its agents, servants, employees, officers and directors for any and all claims, including but not limited to the negligence of GPPSF, its agents, servants, employees, officers and directors resulting in personal injury, accidents or illnesses (including death, or property loss), related in any way to the gift or the LPR System.

GPPSF is excited to be able to help provide this needed law enforcement tool to GPW and ready to accept the proposal and place the order with Actron following receipt of this signed letter.

If the foregoing is acceptable to you, please sign and date this letter in the space provided below and return it to me.

Very truly yours,

Daniel Jensen  
Executive Director

Agreed to and accepted this \_\_\_\_ day of December, 2024:

City of Grosse Pointe Woods

By: \_\_\_\_\_  
Frank Schulte, City Administrator

Approved For Signature \_\_\_\_\_

Matt Zalewski  
City Attorney

**Board of Directors**

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- Kenneth Werenski, GPS DPS



**Actron Integrated Security Systems,  
Inc**  
1056 Dix Road  
Lincoln Park, MI 48146  
(P) 313-383-0770 (F) 313-383-7795



Issued To:	Grosse Pointe Woods - Attention: -Director Kosanke	Date:	10-02-24
Project Name:	Grosse Pointe Woods	Quote ID:	MCF-0089-01

### (1) 35mm L5F with Bracket

Communications Box

Licensing is \$550 per camera/per year

Qty	Item #	Description
(1)	VSF-035-L5F <a href="#">More Info</a> Sell = \$6,495.00 Each	<b>L5F Fixed LPR Camera with Sun Shield - 35mm Lens with Camera Cable</b> <ul style="list-style-type: none"> <li>• Dual-lens camera with infrared LEDs for plate illumination</li> <li>• 85ft - 105ft capture distance and up to 2 lane coverage</li> <li>• Internal trigger for capture of plate alphanumeric, vehicle make and model</li> <li>• Camera housing with included sunshield is IP67 rated for reliable use in varied weather conditions</li> <li>• 60' camera cable included</li> <li>• Includes CarDetector LPR software for local server hosting</li> <li>• LPR vehicle license plate scanning / real time alerting <ul style="list-style-type: none"> <li>◦ Full suite of LPR tools including data analytics</li> </ul> </li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$6,495.00</b>
(1)	VS-FX-UNI-POLE-WALL-ASSY Sell = \$350.00 Each	<b>Fixed LPR Camera Bracket</b> <ul style="list-style-type: none"> <li>• Pole or Wall Mount - UPR ARM ASSY POLE &amp; WALL MOUNT BLK REV B</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$350.00</b>
(1)	BCAV1F2-C600 Sell = \$3,295.00 Each	<b>Vigilant Fixed Camera Communications Box</b> <ul style="list-style-type: none"> <li>• Linux Comms Box using VLP5200</li> <li>• Manages power and communications for up to four (4) Vigilant fixed LPR cameras</li> <li>• Includes modem for communication with cellular carriers <ul style="list-style-type: none"> <li>◦ SIM Card not included</li> </ul> </li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$3,295.00</b>
(1)	VSBSVC-01 Sell = \$525.00 Each	<b>Vigilant LPR Basic Service Package for Hosted/Managed LPR Deployments</b> <ul style="list-style-type: none"> <li>• Managed/hosted server account services by Vigilant <ul style="list-style-type: none"> <li>◦ Includes access to all LEARN or Client Portal and CarDetector software updates</li> </ul> </li> <li>• Priced per camera per year for up to 14 total camera units registered</li> <li>• Requires new/existing Enterprise Service Agreement (ESA)</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$525.00</b>

### (3) L6Q Quick Deploy Solar Kits

(1) L6Q Quick Deploy (120V)

Licensing \$250 per camera/per year

Qty	Item #	Description
(3)	VSF-L6Q-S-KIT <a href="#">More Info</a> Sell = \$6,495.00 Each	<b>L6Q Quick Deploy Camera (Solar Kit)</b> <u>Offer Includes:</u> <ul style="list-style-type: none"> <li>• One (1) L6Q camera with two (2) Lex-11 high capacity internal batteries</li> <li>• Solar Kit (45W solar panel, dual battery mounting bracket, charge controller, two(2)12 Ah batteries, Cable with M12 power connector)</li> <li>• L6Q Solar Battery Charge Cable</li> <li>• Camera mounting bracket</li> <li>• USB-C cable and USB-C to USB-A adapter, Micro SD card</li> <li>• Requirements                             <ul style="list-style-type: none"> <li>◦ Hosted LPR account for data storage, alerting, analytics and more</li> <li>◦ Enterprise Service Agreement</li> </ul> </li> </ul> <u>Optional, Sold Separately:</u> <ul style="list-style-type: none"> <li>• 12VDC Power Pigtail</li> <li>• 120V AC power supply</li> <li>• Excludes Cellular Data Service</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$19,485.00</b>
(1)	VSF-L6Q-P-KIT <a href="#">More Info</a> Sell = \$5,995.00 Each	<b>L6Q Quick Deploy Camera (120V AC)</b> <u>Offer Includes:</u> <ul style="list-style-type: none"> <li>• One (1) L6Q camera with two internal batteries, 120VAC Power Supply</li> <li>• Camera mounting bracket</li> <li>• USB-C cable and USB-C to USB-A adapter, Micro SD card</li> <li>• Requirements:                             <ul style="list-style-type: none"> <li>◦ Hosted LPR account for data storage, alerting, analytics and more</li> <li>◦ Enterprise Service Agreement</li> </ul> </li> </ul> <u>Optional, Sold Separately:</u> <ul style="list-style-type: none"> <li>• 12V DC pigtail cable</li> <li>• Excludes Cellular Data Service</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$5,995.00</b>
(1)	VS-L6Q-120VAC Sell = \$155.00 Each	<b>L6Q 120V AC External power supply</b> <ul style="list-style-type: none"> <li>• 15FT 120V AC power supply for L6Q camera system</li> <li>• This may be used in locations that have a 120V AC power source (3 prong grounded power outlet)</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$155.00</b>
(1)	VSBSVC-L6Q Sell = \$1,000.00 Each	<b>Vigilant L6Q Service Package for Hosted/Managed LPR Deployments</b> <ul style="list-style-type: none"> <li>• Vigilant L6Q Service Package for Hosted/Managed LPR Deployments</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$1,000.00</b>

# L5F Start Up and Commissioning

Travel

LEARN Account

Qty	Item #	Description
(1)	SSU-SYS-COM Sell = \$995.00 Each	<b>Vigilant System Start Up &amp; Commissioning of 'In Field' LPR system</b> <ul style="list-style-type: none"> <li>• Vigilant technician to visit customer site</li> <li>• Includes system start up, configuration and commissioning of LPR system</li> <li>• Includes CDM/CDF Training</li> <li>• Applies to mobile (1 System) and fixed (1 Camera) LPR systems</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$995.00</b>
(1)	VS-TRVL-01 Sell = \$1,550.00 Each	<b>Vigilant Travel via Client Site Visit</b> <ul style="list-style-type: none"> <li>• Vigilant certified technician to visit client site</li> <li>• Includes all travel costs for onsite support services</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$1,550.00</b>
(1)	VS-LEARN--H Sell = \$0.00 Each	<b>Vigilant Hosted/Managed Centralized LPR server via LEARN</b> <ul style="list-style-type: none"> <li>• Vigilant hosted/managed LEARN account                             <ul style="list-style-type: none"> <li>◦ Central repository for all LPR data acquired by each LPR system</li> </ul> </li> <li>• Includes Vigilant's suite of LPR data analytics via online web access                             <ul style="list-style-type: none"> <li>◦ Automated CarDetector software update management</li> <li>◦ Plate searching, mapping, data mining utilities</li> <li>◦ Stakeout, Associate Analysis and Locate Analysis</li> <li>◦ Full administrative security with management auditing</li> </ul> </li> <li>• Plug-N-Play an unlimited number of CarDetector LPR systems                             <ul style="list-style-type: none"> <li>◦ Requires NO server hardware, NO server maintenance</li> </ul> </li> <li>• Requires Vigilant Enterprise Service Agreement contract</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$0.00</b>

Qty	Item #	Description
(1)	VS-IDP-01B	<b>Investigative Data Platform - Annual Subscription for up to 25 Sworn - State and Local</b> <ul style="list-style-type: none"> <li>• Commercial LPR Data access - For up to 25 Sworn <ul style="list-style-type: none"> <li>◦ Access to all Vigilant commercially acquired national vehicle location data</li> <li>◦ Unlimited use by authorized agency personnel to complete suite of LEARN data analytics <ul style="list-style-type: none"> <li>◦ Includes full use of hosted/managed LPR server account via LEARN</li> </ul> </li> </ul> </li> <li>• <u>ComparisonManager</u> with public mugshot gallery Access For up to 25 Sworn <ul style="list-style-type: none"> <li>◦ Unlimited use by authorized agency personnel to all <u>ComparisonManager</u> tools</li> <li>◦ Image gallery of up to 5,000 images</li> </ul> </li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>\$4,250.00</b>

### Camera Installation costs

Qty	Item #	Description
(4)	L6Q	<ul style="list-style-type: none"> <li>• Cost of installation for the L6Q will be \$350 per camera</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$1400</b>
(1)	L5F	<ul style="list-style-type: none"> <li>• Cost of installation for the L5F will be \$350 per camera.</li> <li>• 1 L5F's will be installed</li> </ul>
<b>Subtotal Price</b> (Excludes sales tax)		<b>Amount: \$350</b>



**Quote Notes:**

1. This quote will expire Dec 15<sup>th</sup>, 2024
2. No installation and/or service is included in this proposal unless explicitly stated above.
3. Customer shall be responsible for obtaining all necessary permits and engineering drawings, if necessary. Motorola may obtain permits/drawing if mutually agreed upon in writing, at additional cost to the Customer.
4. All hardware components have standard One (1) year hardware warranty.
5. This purchase does not include a SIM for cellular service
6. Compliance to local codes neither guaranteed nor implied. Customer represents and warrants that they have all necessary rights and permissions to the areas where the installation services are provided.
7. This purchase does not include a SIM for cellular service
8. MSI's Master Customer Agreement: [https://www.motorolasolutions.com/en\\_us/about/legal.html](https://www.motorolasolutions.com/en_us/about/legal.html) (and all applicable addenda) shall govern the products & services and is incorporated herein by this reference. Any free services provided under this offer are provided AS IS with no express or implied warranty

**Quoted by:**

**Matt Fitzpatrick - inside Territory Sales Representative - 312-550-6107 - [matt.fitzpatrick@motorolasolutions.com](mailto:matt.fitzpatrick@motorolasolutions.com)**

**Jason Bernard - Regional Sales Manager - 616-889-1642 - [jason.bernard@motorolasolutions.com](mailto:jason.bernard@motorolasolutions.com)**

**Francis Zdankiewicz - Sales - 734-341-4647 - [frank@actronsystems.com](mailto:frank@actronsystems.com)**

**Total Price**

**\$45,845** (Excludes sales tax)

# FIXED LICENSE PLATE RECOGNITION: A VISUAL GUIDE

With new solutions entering the market for fixed and quick-deploy license plate recognition, here's some guidance to help you better understand how they work.

## QUICK-DEPLOY LPR CAMERA SYSTEM

Collect targeted, tactical LPR data to aid an investigation, improve safety for an event or fill gaps in your LPR network with our quick-deploy L6Q camera system. This solar, AC or battery-powered camera can be installed and activated in minutes anywhere with cellular coverage to capture LPR data.

A simple aiming app allows you to quickly install the L6Q for added safety in an area then move as needed.

Use the solar power option to easily fill gaps in your LPR camera network without specialized infrastructure.

Run the L6Q on battery power and deploy it covertly to gather specific evidence for an investigation.

## FIXED LPR

Scan more vehicles and capture more data with our high-performance fixed L5F camera system. This solution is meant for those who never want to miss a