

**Village of Schaumburg  
Legal Notice  
Invitation for Bid**

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The Village of Schaumburg, IL will accept sealed bids for an **Automated License Plate Recognition System**.

Specifications and all Contract Documents are available on-line on the Village of Schaumburg's Purchasing Division web page at [www.ci.schaumburg.il.us](http://www.ci.schaumburg.il.us) under **Business to Government-Commerce and Bid Information**. They may also be obtained from the Village of Schaumburg, Purchasing Division, Atcher Municipal Center, 101 Schaumburg Ct., Schaumburg, IL, 60193-1899 during the hours of 9:00 a.m. and 4:00 p.m., Monday through Friday. Prices quoted must be valid for a minimum of 60 days from the date of the bid opening.

Bids will be received by Jan Williams, CPPB, in the Purchasing Office, at the above address until **11:00 a.m. on Friday, June 8, 2012**. All bids will be publicly opened immediately thereafter.

The Board of Trustees of the Village of Schaumburg reserves the right to reject any and all bids or to waive any technicalities, discrepancies, or information in the bids. The Village of Schaumburg does not discriminate in admission, access to, treatment, or employment in its programs and activities.

General questions regarding this Legal Notice shall be directed to Jan Williams, CPPB, Purchasing Office, at 847.923.4512. **All detailed questions concerning the actual bid specification are to be forwarded in writing via fax to 847.923.2381 or e-mail to [jwilliams@ci.schaumburg.il.us](mailto:jwilliams@ci.schaumburg.il.us) no less than five (5) business days prior to the scheduled bid opening date.**

Following bid opening, review, and the Purchasing Department's receipt of an award recommendation, pending contract awards will be posted on the Village of Schaumburg's Internet web site.

Individuals with disabilities who plan to attend this meeting and who require certain accommodations to allow them to observe and/or participate in this meeting are requested to contact the Village Manager's Office at (847) 923-4708 or (847) 923-4435 (TDD) at least one (1) week prior to this public meeting if possible.

Carey Plazak  
Purchasing Manager

## **EQUAL EMPLOYMENT OPPORTUNITY CLAUSE**

EQUAL EMPLOYMENT OPPORTUNITY CLAUSE required by the Illinois Fair Employment Practices Commission as a material term of all public contracts.

During the performance of this contract, the contractor agrees as follows:

- 1. That** it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or ancestry; and further, that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such under utilization.
- 2. That**, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine the availability (in accordance with the Commission's Rules and Regulations for Public Contracts) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- 3. That**, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin, or ancestry.
- 4. That** it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations the contractor will promptly so notify the Illinois Fair Employment Practices Commission and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations there under.
- 5. That** it will submit reports as required by the Illinois Fair Employment Practices Commission's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Commission or the contracting agency, and in all respects comply with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.
- 6. That** it will permit access to all relevant books, records, accounts, and work sites by personnel of the contracting agency and the Illinois Fair Employment Practices Commission for purposes of investigation to ascertain compliance with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.
- 7. That** it will include verbatim or by reference the provisions of paragraphs 1 through 7 of this clause in every performance subcontract as defined in Section 2.10 (b) of the Commission's Rules and Regulations for Public Contracts so that such provision will be binding upon every such subcontractor; and that it will also include the provisions of paragraphs 1, 5, 6, and 7 in every supply subcontract as defined in Section 2.10(a) of the Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such subcontractor. In the same manner as with other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors; and further it will promptly notify the contracting agency and the Illinois Fair Employment Practices Commission in the event any subcontractor fails or refuses to comply therewith. In addition, no contractor will utilize any subcontractor declared by the Commission to be non-responsible and therefore ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

The Village of Schaumburg does not discriminate on the basis of handicapped status in admission or access to, or treatment or employment in, its programs and activities.

## **STANDARD CONDITIONS**

**Contract Documents:** Any drawings, plans, standard conditions, special conditions, supplemental additional conditions, specifications, bid notice, bid sheet, and addendum, if any, as specified herein shall form the "Contract Documents." For the purpose of this bid, the word "Village" shall refer to the Village of Schaumburg, and the word "Bidder" shall refer to any person, company, or entity submitting a bid. Any work shown or described in one of the documents shall be construed as if described in all the documents.

**Interpretation of Contract Documents:** Each request for interpretation of the Contract Documents shall be made in writing addressed to Jan Williams, CPPB, Purchasing Dept., Village of Schaumburg, 101 Schaumburg Ct., Schaumburg, IL 60193-1899 and shall be received at least five (5) business days prior to the scheduled bid opening date. Interpretations and supplemental instructions will be the form of written addenda to the Contract Documents.

**Electronic Bid Documents:** Bidders that download PDF documents from the Village of Schaumburg's Purchasing Division internet web page must immediately notify the Purchasing Division via e-mail to [jwilliams@ci.schaumburg.il.us](mailto:jwilliams@ci.schaumburg.il.us) if they intend to submit a response to the bid documents. This step is necessary to establish a communication link between the village and the Bidder so that any addenda or other relevant information may be transmitted properly. The Bidder, not the village, is responsible for obtaining any addenda to the original specification when the Bidder chooses the option of downloading bid or proposal files. Addenda and other relevant information will be posted on the Current Requests for Bids and Proposals web page.

**Submittal of Bid:** Bids must be submitted to the attention of Jan Williams, CPPB at the above address no later than 11:00 a.m. on Friday, June 8, 2012. Bids arriving after the specified time will not be accepted. Mailed bids which are delivered after the specified hour will not be accepted regardless of postmarked time on the envelope. Bidders should carefully consider all bid delivery options (US Postal Service, UPS, Federal Express, Emery Express, private delivery service, etc.) and select a method that will successfully deliver their bid by the required time and date. Bids shall be submitted in sealed envelopes carrying the following information: Bidder's name, address, subject matter and document number of bid as indicated in the specification, and designated date and time of the bid opening.

**Withdrawal of Bid:** Bidders may withdraw or cancel their bid, in written form, at any time prior to the advertised bid opening time.

**Bidder's Qualifications:** No award will be made to any Bidder who cannot satisfy to the Village that they have sufficient ability and experience in this class of work, as well as sufficient capital and equipment to do the job and complete the work successfully within the time named (i.e. responsible). The Village's decision or judgment on these matters shall be final, conclusive, and binding. The Village may make such investigations as it deems necessary. The Bidder shall furnish to the Village, under oath if so required, all information and data the Village may request for the purpose of investigation.

**Preparation of Bid:** The Bidder's submittal shall include the completed *Bid Sheet* found in the Contract Documents. The Village will strictly hold the Bidder to the terms of the bid. The bid must be executed by a person having the legal right and authority to bind the Bidder.

**Compliance with Laws:** The Bidder shall at all times observe and conform to all laws, ordinances, and regulations of the Federal, State, and local governments, which may in any manner affect the preparation of bids or the performance of the contract.

**Alternate to Bids:** Any reference in these specifications to manufacturer's name, trade name, or catalog number (unless otherwise specified) is intended as a standard only. The Village's written decision of approval or disapproval of a proposed substitution shall be final.

Alternate bids will be considered only if received at the time stated for receipt of the bids. Submit alternate bids in a sealed envelope and identify the envelope as required for all bids, except that the phrase **Alternate Bid** shall be used. Bidders are cautioned that, if an alternate bid(s) involves an increase in the *Bid Sum*, the *Bid Deposit*, **if required**, shall be ample or be increased to cover the alternate *Bid Sum* or the entire bid may be rejected.

**Form of Contract:** The form of contract between the Village and the successful Bidder will be a purchase order referencing the bid specification and the bid submitted by the successful Bidder.

**Freedom of Information Act (FOIA):** The village is required by Public Act 96-542 to comply with freedom of information requests (FOIA) within five (5) business days of a record request. All contractors used by the village may be in possession of records covered by this act and therefore will be required to provide the village with those records upon request and within the time frame of the Act.

**Bid Review:** The Village reserves the right to reject any or all bids and/or to waive any irregularities or disregard any informality in the bids and bidding when, in its opinion, the best interest of the Village will be served by such action. Furthermore, the Village reserves the right to award each item to a different Bidder, or all items to a single Bidder unless otherwise noted on the *Bid Sheet*. The Village may determine as follows: 1) an equal or alternative is a satisfactory substitute; 2) an early delivery date is entitled to more consideration than price; 3) an early delivery date is to be disregarded because of the reputation of the Bidder for not meeting delivery dates; 4) a Bidder is not a responsible Bidder; and 5) what exceptions or deviations from written specifications will be accepted.

No bid will be accepted from or contract awarded to any person, firm, or corporation that is in arrears or is in default to the Village upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to the Village, or had failed to perform faithfully any previous contract with the Village.

**Bid Results:** Following the bid opening and review period, pending contract awards will be posted on the Village's Internet web site at [www.ci.schaumburg.il.us](http://www.ci.schaumburg.il.us) under the **Business to Government-Commerce and Bid Information** web page. Bid tabulations posted on-line represent "as read" submittals at time of the bid opening. They do not represent contract award.

**Delivery:** Where applicable, all materials shipped to the Village must be shipped F.O.B. delivered, designated location, Schaumburg, Illinois. If the delivery is made by truck, arrangements must be made in advance by the Bidder, with concurrence by the Village, for receipt of the materials. The materials must be delivered where directed. Truck deliveries will be accepted at the Public Works Facility between 7:00 a.m. and 3:30 p.m. and at all other Village locations 8:00 a.m. and 4:00 p.m., weekdays only.

- **NOTE:** The Public Works Facility does have a raised loading dock. All other Village locations **do not** have access to a raised loading dock. Deliveries requiring removal from the delivery truck via a forklift provided by the Village must be arranged with the Village twenty-four (24) hours in advance of the expected delivery date.

**Inspections:** The Village shall have the right to inspect any materials, components, equipment, supplies, services, or completed work specified herein. Any of said items not complying with these specifications are subject to rejection at the option of the Village. Any items rejected shall be removed from the premises of the Village and/or replaced at the entire expense of the successful Bidder.



## **A. GENERAL SUPPLEMENTAL ADDITIONAL CONDITIONS**

**Scope of Work:** The Bidder shall supply all required supervision, skilled labor, transportation, new materials, apparatus, and tools necessary for the entire and proper completion of the work. The Bidder shall supply, maintain, and remove all equipment for the performance of the work and be responsible for the safe, proper, and lawful construction, maintenance, and use of the same. This work shall be completed to the satisfaction of the Village. The Bidder shall provide adequate protection of the job site to protect the general public from any injury as a result of the job. The Bidder shall provide all safeguards and suitable barricades to protect public and adjacent property. **The Village is not responsible for site safety. The Bidder is solely and exclusively responsible for construction means, methods, technologies, and site safety.**

**Licensing and Permits:** The successful Bidder and their subcontractor(s) must be licensed with the Village and shall obtain all required building permits prior to the start of any work. The Village will waive applicable Village permit fees for the specific contract. Permit application forms may be obtained from the Community Development Department and license application forms may be obtained at the Collector's Office at the Village of Schaumburg, 101 Schaumburg Court, Schaumburg, IL.

**Guarantees and Warranties:** All guarantees and warranties required shall be furnished by the Bidder and shall be delivered to the Village before final payment on the contract is issued.

**Termination of Contract:** The Village reserves the right to terminate in whole or any part of this contract, upon written notice to the Bidder, in the event of default by the Bidder. Default is defined as failure of the Bidder to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. In the event of default and termination, the Village may procure, upon such terms and in such a manner as the Village may deem appropriate, supplies, or services similar to those terminated.

The Bidder shall be liable for any excess costs for such similar supplies or service unless evidence is submitted to the Village that, in the sole opinion of the Village, clearly proves that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Bidder.

**Hold Harmless Agreement (Contractual Liability):** The Bidder agrees to indemnify and save harmless the Village, including its elected or appointed officials, employees, and agents against any and all claims, loss damage, injury, liability, and court costs and attorney's fees incident thereto, including any claims made by employees of the Bidder or any of their subcontractors, as well as all other persons, resulting directly or indirectly from the work covered by this contract or the equipment used in connection therewith. It is understood that this agreement shall apply to any and all such claims whether resulting from the negligence or the intentional acts of the Bidder, or otherwise. \*(With the single exception of any claim, damage, loss, or expense arising solely out of professional services performed by the Village, its agents, or employees, including: 1) the preparation of maps, plans, opinions, reports, surveys, designs, or specifications, and 2) supervisory, inspection, or engineering services.

**Insurance:** The Bidder will provide certificates of insurance evidencing the following types and limits of insurance. The certificates of insurance will specifically address each of the requirements noted below. Each insurance company shall be acceptable to the Village. The General Liability coverage shall name the Village of Schaumburg as additional insured. All insurance noted below is primary and in no event will be considered contributory to any insurance purchased by the Village. All insurance noted below will not be canceled, reduced, or materially changed without providing the Village thirty (30) days advance notice, via certified mail.

- A. **Comprehensive General Liability** including Products Liability/Completed Operations insurance, in an amount not less than \$1,000,000/occurrence, \$2,000,000/policy limit, including Broad Form

Contractual Liability insurance, in an amount not less than \$1,000,000/occurrence, \$2,000,000/policy limit, subject to the terms and conditions of the policy. A copy of the policy may be required.

- B. **Automobile Liability** insurance, in an amount not less than \$1,000,000 combined single limit. Said insurance is to be extended to cover hired and non-owned vehicles.
- C. **Umbrella or Excess Liability** coverage, the Contractor shall provide evidence of Umbrella or Excess Liability coverage of \$2,000,000.
- D. **Workers' Compensation** is to be provided as required by statute, by an insurance company licensed to write worker's compensation in the State of Illinois. Employer's Liability, in an amount not less than \$500,000 each accident, \$500,000 disease – policy limit, and \$500,000 disease – each employee.
- E. Insurance Rating – All insurance policies required by this contract shall be underwritten by insurance companies with a minimum A. M. Best rating of A:VII.
- F. A certificate of insurance is required as evidence of coverage, with the Village of Schaumburg named as an additional insured. The certificate will include an "Additional Insured Endorsement". The same full insurance coverage provided to the named insured, whether it is the contractor or a sub-contractor, shall be provided to the Village without any limitations or endorsements that might limit or exclude coverage. If insurance is canceled for any reason whatsoever the Village will be given not less than thirty (30) days prior written notice.

Any and all deductibles or other forms of retention are the responsibility of the Contractor. All deductibles or other forms of retention are subject to the approval of the Village. Contractor will disclose to the Village in writing the amounts of any deductible or self-insured retentions on the insurance required under this contract.

Contractor waives any right of subrogation it may have or later acquire against the Village.

\* Special Requirement: If the Bidder is an architectural firm or engineering firm, said Bidder shall file a certificate of insurance for professional liability, errors and omissions coverage subject to final acceptance by the Village of said coverage.

The Bidder shall not commence work under this contract until they have obtained all insurance required under this section and such insurance has been approved by the Village, nor shall Bidder allow any subcontractor to commence work on their subcontract until the same insurance has been obtained by the subcontractor. The Bidder and their subcontractor(s) shall maintain all insurance required under paragraphs A through D of this Section for not less than one (1) year after completion of this contract.

**Village of Schaumburg  
Invitation for Bid  
Automated License Plate Recognition System**

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**Intent:** The Village of Schaumburg (*hereafter Village*) is soliciting bids for the purchase, installation, configuration, and training for one mobile Law Enforcement Automated License Plate Recognition System (ALPR).

**Delivery:** All hardware and software shall be delivered F.O.B. to the Village of Schaumburg Police Dept., 1000 W. Schaumburg Rd., Schaumburg, IL 60194 within eight weeks following issuance of the purchase order.

**Warranty:** All Automated License Plate Recognition hardware *and* software provided by the awarded contractor (*hereafter vendor*) must be covered under a one-year parts and labor warranty at no additional cost to the Village.

The vendor must furnish extended warranty/maintenance for both hardware and software for up to three years from the date of system installation, if required by the Village. Bidders shall provide the associated cost on the *Bid Sheet* provided.

**Award Determination:** Pricing will not be the only factor considered in the Village's decision on an award of contract. The final decision will be based on the best and lowest priced equipment suited for the needs of the Village of Schaumburg Police Department.

**Questions:** All questions must be asked in writing via e-mail to [jwilliams@ci.schaumburg.il.us](mailto:jwilliams@ci.schaumburg.il.us) or fax to 847.923.2381 no less than five business days prior to the bid opening date. Do not contact the Village of Schaumburg Police Department.

**Special Conditions:** The following specifications are based on a specific manufacturer, *Federal Signal PIPS Technology, Package – Slate 810-LE-P*. The specific product is for the purpose of comparison. If a product other than the product specified is bid, the bidder shall include detailed information on the alternate system with their bid submittal. The Village reserves the right to evaluate the product, at no expense to the Village. The decision as to whether the product is equal to or better than the product listed will lie at the discretion of the Village and the Village's decision will be final.

**General Requirements:**

- The vendor must provide variants of the Optical Character Recognition (OCR) Engine that are tailored/designed for a specific country, state, or region of the country.
- As part of the vendor's system maintenance agreement with the Village, Optical Character Recognition (OCR) updates and/or revisions must be provided as determined by the awarded contractor to address changes in the state's license plates during the term of the maintenance agreement

- The system must have the capability to capture vehicle license plates at speeds up to 160 mph with license plate capture and read accuracy rates in excess of 90% for machine readable plates.
- The system must provide effective license plate capture at night with no external lighting required.
- The vendor must provide on-site system training for the system Users and the System Administrator/s.
- The vendor must provide "turnkey" system installation and/or system installation oversight based upon the customer's requirements.
- All system documentation must be furnished in electronic format.
- The manufacturer/vendor must have the ability to provide ALPR cameras for fixed site (stationary) monitoring, as well as installation services and support for these cameras. These fixed site cameras must be compatible with the same back – office software application outlined in these bid specifications for the mobile and portable systems, allowing for the data to be collected in a central location for all mobile, portable and fixed ALPR camera systems.

### **Hardware Specifications**

*ALPR Cameras: (May be referred to as "Cameras" and/or "cameras")*

- The system must be comprised of self-illuminating Infrared (IR) cameras for effective license plate image capture in a variety of weather and lighting conditions.
- The Infrared (IR) Light Emitting Diodes (LEDs) must be "pulsed" to enhance license plate capture and extend the lifetime of the LED board.
- The cameras must have a dual lens configuration in a single camera housing featuring both an Infrared (IR) lens for license plate capture and a color overview image of the vehicle for verification purposes. This camera housing shall also contain onboard IR illumination, and shall be sealed to IP67 standards.
- The Infrared (IR) component of the Cameras must be available in various IR Wavelengths in order to provide effective license plate capture in different regions of the country in order to address the specific license plate properties found in various regions of the country.
- The dual lens camera must be capable of capturing up to 60 frames per second.
- The cameras must be capable of producing multiple license plate images with varying flash, shutter and gain settings to ensure a high quality image regardless of weather or lighting conditions.
- The cameras must utilize a Software Camera Controller to facilitate the selection of the optimum settings for the Gain and Shutter. Once configured by the System Administration or the vendor, all settings must be automated in each camera.
- The cameras must be small enough, **no more than 2"** tall (height), and permanently attached to the vehicle's emergency lightbar so as not to obstruct or otherwise hinder visibility to the lightbar.
- Each camera shall weigh **no more than 4 pounds**.
- All camera mounting bracket systems must be fabricated specifically for the vendor's cameras and must be furnished by the vendor

- In addition to the camera mounting bracket systems that attach to the vehicle's emergency lightbar, the vendor must also provide camera mounting bracket systems that can be installed on those police vehicles commonly referred to as "unmarked units" or those with no roof-mounted lightbar. (i.e. magnet or clip-on). These brackets must easily allow for rotation, tilt, and yaw adjustments.
- There must be no moving parts in the dual-lens cameras.
- The cameras must have a fixed focal point or target distance from the camera to the vehicle's license plate from 9 ½ feet to 30 feet.
- All camera cabling and camera connectors must be manufactured or assembled by the vendor that provides the ALPR system and all of the other required ALPR components.

*ALPR Processor: (May be referred to as the "Processor and/or "processor")*

- The system must provide the customer with the ability to integrate to their existing MDT or MDC using Client – Server technology in order to minimize processor usage on their existing MDT or MDC.
- The Automated License Plate Recognition (ALPR) Processor must have a "self trigger" mode to detect the presence of lawfully mounted vehicle license plates in the cameras' Field of View (FOV) for image capture from the camera.
- The ALPR Processor must be designed to be trunk mounted and must incorporate an intelligent Power Supply Unit (PSU) that provides for a safe start and shut – down each time the vehicle's ignition is turned on and turned off.
- The ALPR Processor must control the power supplied to the cameras and provide video connection points for simplified system wiring.
- The ALPR Processor must have an operating input range of 10.5-16.5V DC at 90W.
- The ALPR Processor must utilize, *at least*, an automotive 30 GB extreme environment Hard Disk Drive.
- As an *option*, the ALPR Processor must be offered with a minimum, 1.1GB Solid State Hard Drive.
- The ALPR Processor must utilize a Core™2 Duo processor running Windows XP embedded Operating System (OS).
- The ALPR Processor shall have at least four digital camera connections, a dedicated GPS input, and four (4) USB Ports.
- The ALPR Processor must be designed to meet the environmental conditions associated with a trunk-mounted unit.
- When the system is configured to utilize an independent ALPR Processor, the ALPR Processor and the cameras must be developed, manufactured and supported by the same vendor.
- The vendor shall also offer a portable version of the ALPR Processor using essentially the same internal components as the trunk-mounted Processor and the portable version of the Processor must also support up to four (4) digital ALPR Cameras.
- The ALPR Processor must be CE certified.



### **Client (In-Vehicle) ALPR Software Specifications**

- The application software must be capable of supporting an unlimited number of “hot list” databases for simultaneous matching.
- The System Administrator must have the capability to define the police department’s database/s and assign a color code and priority level to each database to be used when a ‘match’ or a ‘hit’ occurs, i.e., stolen vehicles, stolen license plates, sexual predators, armed felon suspects, registered parolees, etc.
- The application software that resides in the police unit must provide for a User Name and Password as assigned by the System Administrator.
- The application software must be responsive in comparing a captured license plate against multiple and voluminous databases with less than a 2 second response to a query of a database/s containing up to 10,000,000 records.
- The system must have the feature that allows “hot list” databases to be created in the field by authorized users and the authorized users must have the capability to add license plate data to the system’s database/s while in the field. All license plate data added by the authorized user will remain a part of the selected database until the database is ‘overwritten’ by the System Administrator or by a new or updated database(s).
- The system must provide a feature to enable or disable “fuzzy-logic” plate matching in each police unit to enable the system to match common number character issues (0/O and 8/B) or unknown characters. This feature can be enabled or disabled at the user’s discretion.
- The system must provide for the ability to read license plates from up to four dual-lens cameras simultaneously.
- The system must provide live, simultaneous video display of all of the following data for the two (2) dual lens cameras as selected by the user:
  - The IR License Plate Image
  - The license plate interpretation or system read
  - A corresponding color overview image of the vehicle displaying the captured IR license plate
  - The date and time stamp
  - Identification of the Camera capturing the image
  - The GPS Coordinates for every license plate captured by the system
- When the system identifies a “match” or a “hit” of the license plate, the following additional data must be displayed in a timely manner on the system’s Hit Screen:
  - The color coded database indicating the name or title of the database where the “match” occurred
  - All narrative text, if any, from the database where the “match” occurred
- The Hit Screen must remain displayed until acknowledged by the officer, *and* while displayed, the system must continue to process license plate data in the background and all captured data must be stored in the system during this interval.
- If so configured within the back office system software by the Administrator, the officer may also be required to select a Disposition Button on the system’s Hit Screen. These Dispositions are determined by the Administrator and may be used in reporting the result of the hit and or dB match (Arrest, Vehicle Parked, Vehicle Recovered, Vehicle Impounded, etc).



- In the event that a subsequent dB “match or hit” should occur while the original Hit Screen is displayed to the officer, the system must alert the officer that a second or subsequent “hit” occurred and the system is waiting for the officer’s intervention.
- The system must provide a touch screen feature to enlarge the vehicle’s color overview image so that it can be examined by the police officer in order to gain additional information or the verification of information.
- The system must provide touch screen navigation for the police application GUI.
- The system must provide for the ability to run “covert” hotlists for gang investigations, organized crime, or other details. If so deployed by the administrator from the back office, a covert hotlist will not alert the officer to a hit, but will send this hit information to the back office where it can be sent to a defined notification list.
- The system must provide the System Administrator with the ability to customize audible alerts to differentiate between unique events within the software application.
- The system must provide a visual alert for each defined event that displays in the foreground regardless of other applications in use at that time.
- The system must provide the officer with the capability to mark a license plate read as a “misread.”
- The system must provide the officer with the capability to manually enter a license plate for the purpose of searching that license plate against the system’s database(s).
- The system must provide the officer with the capability to review all of the following:
  - “hits”
  - license plate images and associated data
  - license plate searches performed by the officer indicating the date and time the search was conducted
  - misreads
- The system must provide the User with the ability to query the client software application to determine if a particular license plate has been captured in the system (prior to a download of the system data). If the license plate data is in the system, the officer must have the ability to review each license plate capture and the associated system data displayed on the Review Screen to include:
  - The IR License Plate Monochrome Image and system “read”
  - The corresponding color overview image of the vehicle
  - The date and time stamp
  - The GPS coordinates
  - The camera name or camera identification associated with the data
- The system must provide the ability to add notes to the “hit” record for permanent storage and subsequent retrieval.
- The system must be capable of capturing license plates in any of the following modes: (a) an adjacent lane on either side of the police vehicle while driving through traffic and/or parking lots; (b) traffic in an adjacent lane while parked on the side or shoulder of a roadway; (c) any parking application from parallel to perpendicular parked car orientation with respect to the movement of the police vehicle and (d) an adjacent lane to capture the rear license plate of the vehicle as it passes the police unit or vice versa
- The camera configuration must be capable of switching from one monitoring mode to another via the software application by “pressing” the corresponding on-screen function button.

- The system must have the capability to capture a still image of importance at the officer's discretion using the color overview camera(s).

### **Back Office Software Specifications**

- As part of the overall system and functionality, a customized back – office software application must be provided so the customer can manage all the data collected by the various ALPR deployment (client applications), manage the database functions and manage the user administration functions.
- The ability to search and query other ALPR databases, and the ability to interface into the Broker network, along with Watchman advanced analytics software which we also provide, would clearly be differentiators. No one else can do.
- The client workstations, sometimes referred to as the “smart clients,” shall be able to be deployed on Microsoft Windows XP® and Windows 7® workstations.
- The system shall allow the Administrator to view Users currently logged into the back office system software and disconnect Users as needed.
- The system shall allow selective tracking and auditing of User queries in order to prevent system abuse.
- The system shall provide the capability to cross-link license plate data from external systems, such as DMV records, for query purposes.
- The system shall allow for queries to be saved as “favorites,” to enable quick and easy access to a data set being used in an investigation.
- The system must provide the ability to customize the client application screens and alarms based on system “hits,” sometimes referred to as a dB match.
- The system must provide the ability to assign priorities to the various databases utilized by each police agency/User.
- The system must provide the System Administrator with the ability to import national and local databases from a website, ftp location, or network address.
- The system shall allow for the option of automatically updating all hotlist databases from the originating website, FTP, or network location.
- The system shall allow for the scheduling of hotlist updates from the source location.
- The system shall allow for the definition of custom hotlist import formats, to enable a standard .csv or text file to be easily imported and made useable by the system without the need for vendor involvement.
- The system should allow for the option of configurable disposition buttons to be pushed out the client application. These Dispositions are determined by the Administrator, and when enabled, require the officer to enter a disposition prior to clearing the Hit screen (Arrest, Vehicle Parked, Vehicle Recovered, etc). This information is fed back into the server application for reporting purposes.
- The system must provide application security by assigning users to a Group, with a defined Role, which determines privileges within the system.
- The system must allow for an administrator to easily import users from their Active Directory, assign these users to a Group, and establish a password.
- The system must provide the System Administrator with the ability to define and configure custom roles with various access privileges based upon user responsibilities.

- The system must provide remote access to stored data for analysis and reporting using a Zero Administration Smart Client. The Smart Client shall be freely deployed to any number of network PC's.
- The system shall allow the administrator to view users currently logged into the system, and disconnect users as needed.
- The system must provide Quick Click reporting system statistics (reads, hits, etc) for a given timeframe, mobile unit, or officer login ID.
- The system must provide the ability to perform a full or partial license plate query against the databases.
- The system must provide the ability to query for license plate data based upon time, date, location and the user.
- The system must provide the ability to query for a full or partial license plate based on a physical address and search radius.
- The system must provide the ability to utilize a mapping function to plot or identify the locations of a particular license plate or identify all plates captured in a particular area during a particular time.
- The system must provide the ability to utilize a mapping function to plot or identify the location of all "hits."
- The system must provide the ability to run a query, and select a subset of that query for Detail Reporting, or for plotting on a single map for cluster or pattern analysis.
- The system must allow for advanced mapping to include street, satellite, and birds-eye views for investigations and planning of surveillance operations.
- The system must provide multiple methods for downloading and uploading information between the vehicle and the back – office application including USB thumb drive and wireless.
- The system must provide a server network environment to facilitate the sharing of data.
- The system shall use Microsoft SQL as its database engine.
- The system shall allow for remote user setup, and networking capabilities, to facilitate querying and data sharing across agencies and jurisdictions.
- The client application for networked PC's must be a zero administration installation from a web page residing on the server.
- Data and images stored in the system must have the capability to be printed as determined by the System Administrator.
- An "Export to Excel" and "Print to pdf" function must be provided within the application for reads, hits, and reports.
- The system must provide a method for automatically purging data at the device level, based upon the System Administrator's specifications.
- The system shall feature a help menu within the application.
- The system shall allow for role-based access to individual reports.
- The system shall provide a standard e-mail template to be used for email alert notifications and shall allow customization of that e-mail template.
- The system shall allow for the automated and controlled deployment of a hotlist to any selection of cameras or mobile systems.

- The system shall allow for the notification rules to be set for a specific hotlist, allowing the administrator to define which User Groups with defined roles receive alert notifications from a given hotlist.
- The system shall allow for a hotlist to be marked as covert, such as gang members, terrorist or organized crime as defined by the administrator. This allows for a hotlist to be matched against in a mobile vehicle with no officer notification, unless that officer is on the defined notification list for that covert hotlist.
- The system shall allow for the live monitoring of reads and/or hits from any number of fixed cameras or mobile/portable systems, such as may be used in a dispatch facility.
- The system shall allow monitoring and management of fixed (stationary), mobile and portable ALPR units or “devices” within the same application. Devices shall be able to be assigned to sites for ease of management.
- The ability to integrate into PIPS provided and integrated advanced analytics for Convoy, Facility, and Interval tracking.

#### **Standards and Testing Requirements**

- The IR cameras must meet “eye safe” certification standards, as established by an international testing agency.
- The cameras must be sealed to IP67 Standards.
- The cameras must meet BS EN 60068 2-27 requirements for Mechanical Shock.
- The cameras must meet Mil. Std. 810F method 516.5, Procedure V requirements for Shock Crash Hazard.
- The cameras must meet BS EN 50293:2001 and IEC 61000-4-2 1995 requirements for electrostatic discharge and Radiated Emissions, FCC Part 15 and EN 55022.
- The cameras must be RoHS Compliant.
- The cameras must be CE certified.

## BID SHEET

**Note: the Bidder must complete all portions of the Bid Sheet.**

The undersigned, having examined the specifications and all conditions affecting the specified project, offer to furnish all services, labor, and incidentals specified for the price below.

The undersigned Bidder certifies that they are not barred from bidding on this contract as a result of a conviction for the violation of state laws prohibiting bid rigging or bid rotating, (720ILCS 5/33E-1, et seq.) and is not delinquent in any taxes to the Illinois Department of Revenue. (65ILCS 5/11-42.1-1)

It is understood that the Village reserves the right to reject any and all bids and to waive any irregularities and that the prices contained herein will remain valid for a period of not less than sixty (60) days.

I (We) propose to complete the following project as more fully described in the specifications for the following:

**Bidding Company Name:** \_\_\_\_\_

### AUTOMATED LICENSE PLATE RECOGNITION SYSTEM

Total cost of equipment, installation, configuration, & training for one (1) mobile Law Enforcement Automated License Plate Recognition System (ALPR), as specified.	\$
Extended One Year Warranty	\$
Extended Two Year Warranty	\$
Extended Three Year Warranty	\$

☐ **Our firm has not altered any of the written text within this document. Only those areas requiring input by the respondent have been changed or completed.**

If it is the Contractor's intention to utilize a subcontractor(s) to fulfill the requirements of this contract, the Village must be advised of the subcontractor's company name, address, telephone and fax numbers, and a contact person's name at the time of bid submittal.		
Will you be utilizing a subcontractor?	YES	NO
If yes, have you included all required information with your bid submittal?	YES	NO

- OR -

NO BID – Keep our company on your Bidders List	:Signature :Date
--	---------------------

NO BID – Remove our company from your  
Bidders List

:Signature  
:Date

- Note: Please feel free to attach further explanation if desired as to your reasons for not submitting a bid.

**INDEMNIFICATION:** The Bidder hereby agrees to protect, defend, indemnify, and save harmless the Village against loss, damage, or expense from any suit, claim, demand, judgment, cause of action, or shortage initiated by any person whatsoever, arising or alleged to have arisen out of work described herein, except that in no instance shall the Bidder be held responsible for any liability, claim, demand, or cause of action attributable solely to the negligence of the Village.

I hereby certify that the item(s) proposed is/are in accordance with the specifications as noted and that the prices quoted are not subject to change; and that

\_\_\_\_\_ (Company Name) is not barred by law from submitting a bid to the Village for the project contemplated herein because of a conviction for prior violations of either Illinois Compiled Statutes, 720 ILCS 5/33E-3 (Bid Rigging) or 720 ILCS 5/33-4 (Bid Rotating); and that

\_\_\_\_\_ (Company Name) is not delinquent in payment of any taxes to the Illinois Department of Revenue in accordance with 65 ILCS 5/11-42.1; and that

\_\_\_\_\_ (Company Name) provides a drug free workplace pursuant 30 ILCS 580/1, et seq.; and that

\_\_\_\_\_ (Company Name) certifies they have a substance-abuse program and provide drug testing in accordance with 820 ILCS 130/11G, Public Act 095-0635; and that

\_\_\_\_\_ (Company Name) is in compliance with the Illinois Human Rights Act 775 ILCS 5/1.101, et seq. including establishment and maintenance of sexual harassment policies and program.

\_\_\_\_\_  
Bidder's Firm Name

\_\_\_\_\_  
Signed Name and Title

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
City

\_\_\_\_\_  
State

\_\_\_\_\_  
Zip Code

\_\_\_\_\_  
E-mail Address

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Date



## DETAIL EXCEPTION SHEET

**EXCEPTIONS:** Any exception must be clearly noted on the *Detail Exceptions Sheet(s)*. Failure to do so may be reason for rejection of the bid. It is not our intention to prohibit any potential bidder from bidding by virtue of the specifications, but to describe the material(s) and service(s) actually required. The Village reserves the right to accept or reject any or all exceptions.

DETAIL EXCEPTIONS SHEET MUST BE ENCLOSED WITH BID SHEET.

Bidder's exceptions are:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.