



City of Omaha
Jim Suttle, Mayor

Law Department

Omaha/Douglas Civic Center
1819 Farnam Street, Suite 804
Omaha, Nebraska 68183-0804
(402) 444-5115
Telefax (402) 444-5125

Paul D. Kratz
City Attorney

November 19, 2012

Amy A. Miller
ACLU Nebraska
941 'O' Street
Suite 706
Lincoln, Nebraska 68508

RE: Public Records Request – Automatic License Plate Readers

Dear Ms. Miller:

On behalf of Chief of Police Todd Schmaderer I am responding to your amended request for Omaha Police Department records. You have asked for copies of records relating to the use of automatic license plate readers (ALPR). After a preliminary response from the City you modified your request to focus on policies and financial records from January 1, 2009, to present. Your request is made under the provisions of the Nebraska Public Records Act, Neb. Rev. Stat. sections 84-712 et seq. This is the response required by section 84-712(4)(c). You should consider it as a supplement to the information provided under date of August 7, 2012. Thank you for your patience in awaiting this response.

1. All written policies or procedures regarding the use of the ALPR technology and storing, accessing, and sharing of data from the technology.

The Omaha Police Department has no such written policies. As outlined for you previously, OPD only has one mobile unit that is operable and in use. So the data received is limited.

There is no written description of the Department's practice but the informed personnel have provided this description, which would be consistent with any written procedures that might be developed. The unit does not photograph the license of every vehicle passing by but only photographs a plate when the reader understands the plate and understands it matches an NCIC stolen vehicles list loaded into the unit daily. At the end of a shift the data is uploaded automatically to a secure server with the date, time, and coordinates of the camera location. Photos are maintained solely in the server until retrieved as evidence in a specific case investigation. There is no automatic notification that any photo exists – it is viewed only if a

RE: Public Records Request – Automatic License Plate Readers

search of the database is made for a particular investigation. So, the photographs are rarely viewed. The database contains photos taken since mid-2009.

2. Any documents regarding the procurement of ALPR technology.

Enclosed is a copy of a February 9, 2009, bid proposal from PIPS Technology, Inc., and a February 20, 2009, bid proposal from that same company for ALPR technology.

Enclosed is a copy of the following listed four invoices for payment to PIPS Technology, Inc.

Invoice no. 3948, dated 6/22/09 for \$38,795.00 (purchase) Paid 7/10/09 with check no. 181221

Invoice no. 3949, dated 6/22/09 for \$13,450.00 (purchase). Paid 7/10/09 with check no. 181221

Invoice no. 6290, dated 7/08/09 for \$4,800.00 (installation and training). Paid 7/28/09 with check no. 182451

Invoice no. 6313, dated 7/24/09 for \$3,600.00 (installation and training). Paid 8/14/09 with check no. 183773

3. Any documents showing the deployment of ALPR technology.

As explained in the previous response, current deployment of operating equipment is exclusively one mobile unit in a police cruiser. No documents within this request have been located but this response will be supplemented if additional documents can be found.

4. Policies and records regarding the storage of data obtained via ALPR.

No such written policies exist. Records regarding the storage of data are not kept outside of any electronic record created within the secure server showing a download occurred. Storage is automatic when the mobile unit returns. Retrieval is on a case-by-case basis and records of that retrieval would be noted only in the case investigative file. The Department is unable to determine which, if any case files would have such a record.

5. Policies and memorandum regarding access of ALPR by third parties.

Third parties are not allowed access to ALPR data in the secure server but no written policies exist on this subject.

Amy A. Miller
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RE: Public Records Request – Automatic License Plate Readers

6. Policies or documents regarding the sharing of data with outside agencies or entities.

If sharing occurs it is only with other law enforcement agencies. Any record of sharing would be noted only in the case investigative file. The Department is unable to determine which, if any case files would have such a record.

7. Training material used to instruct on the deployment, management, or operation of the ALPR and the stored database.

No records exist beyond any operator's manual or other operational instructions received from the manufacturer or retailer. A search for any remaining such manuals or instructions is ongoing and this response will be supplemented if necessary.

Sincerely,

A handwritten signature in cursive script, appearing to read "Thomas O. Mumgaard".

Thomas O. Mumgaard
Deputy City Attorney

c: Chief Schmaderer



Lieutenant Matthew Lippold
Omaha Police Department
505 South 15th Street
Omaha, NE 68132

February 20, 2009

REF: Two Mobile Law Enforcement License Plate Recognition (ALPR) 4-Camera Systems with "PAGIS" with electronic chalking

Lieutenant Lippold,

Thank you for the opportunity to quote our Mobile Law Enforcement Automated License Plate Recognition (ALPR) Systems referred to as PAGIS. PIPS Technology / Federal Signal has been the industry leader in ALPR systems worldwide for over 16 years and we have more than 16,000 cameras in operation world-wide. When considering an ALPR vendor I hope you will take into consideration the following key points about our company:

- our only market focus is specializing in Automated License Plate Recognition technologies
- As an Original Equipment Manufacturer, we design, manufacture, and develop our own hardware and software – we control the quality and support of our products from start to finish
- PIPS offers an ALPR "back-end" analysis software package (**Back Office Server Software: BOSS**) that provides data-mining of "historic" license plate information obtained and stored from all deployed mobile (and fixed) systems from within your department which can be integrated with other PAGIS / BOSS users to share and data mine their historic plate information
- Pips ALPR mobile systems were ranked #1 in ALPR technology available today after a very extensive DHS / FEMA assessment which was conducted in various police environments around the country. Our read and accuracy rate of 92% far exceeded any of the other ALPR vendors who were tested. That report was released in December of 2008.
- We have established sales and support offices in California, Illinois and Tennessee

I am pleased to provide you with the following pricing for two four-camera new low profile "Slate" camera ALPR systems "hard" mounted and integrated into your existing MDC system in your patrol vehicles.

Qty	DESCRIPTION	Each	Extended
2	SALTE-810-LE-P Police ALPR PAGIS unit to include: four Slate dual lens cameras with Infrared and color overview; all custom camera cabling; PIPS ALPR processor-trunk mounted; GPS module ; All required PAGIS and ALPR software installed on the processor for the State of Nebraska vehicle license database (NCIC). Custom flat camera brackets for use on the vehicle of your choice are also included.	\$18,700	\$37,400
1	BOSS-ADMIN "Back Office Server Software" Installed on police department hardware - one (1) software license per site is required, includes administrative capabilities and one concurrent user	\$995	\$995
2	PIPS-SRVC-FLDENG Installation (patrol vehicles) and training	\$2,400	\$4,800
	Freight per System	\$200	\$400
	Total (Not Including Applicable Taxes)	\$43,595	\$43,595



Scope of Work:

Our quote ***includes*** installation and training. During that time, our mobile systems will be installed in your designated vehicles by our installer and your fixed system will be installed on the pre-designated fixed site. After installation, your appropriate personnel will receive training on both PAGIS and BOSS by our representative.

Your BOSS software can also integrate with other Nebraska-based law enforcement agencies, fixed ALPR sites, or with commercial purchasers of our ALPR systems / BOSS to provide a comprehensive database of vehicle movement within the surrounding areas where PIPS systems have been deployed. This software has a 4GB storage limit. If your agency already has a full license of Microsoft Sequel Server Software, BOSS will not have any storage limit.

All PIPS equipment hardware and software is covered by a one-year parts and labor warranty. Maintenance agreements are available for both our hardware and software products. These agreements supply you with upgrades and improvements to our Optical Character Resolution (OCR) engine for enhanced plate detection capabilities and software upgrades for BOSS and PAGIS in addition to all hardware sold by PIPS Technology, Inc. (cameras, processor, cables, connectors and/or touch screen monitor). The cost for this optional coverage is \$2,000 for the second year (after warranty expiration).

Please let me know if you require any other information. I can be reached directly at 602-363-7077 should you have any questions regarding the content of this quotation.

Kindest regards,

Giles Tipsword

Giles Tipsword
Sales Manager
PIPS Technology / Federal Signal Corporation



Lieutenant Matthew Lippold
 Omaha Police Department
 505 South 15th Street
 Omaha, NE 68132

February 9, 2009

REF: Fixed Automatic License Plate Recognition Equipment – Spike Plus

Lieutenant Lippold,

Thank you for the opportunity to quote our Fixed Law Enforcement Automated License Plate Recognition (ALPR) Systems referred to as Spike Plus. PIPS Technology / Federal Signal has been the industry leader in ALPR systems worldwide for over 16 years and we have more than 16,000 cameras in operation world-wide. When considering an ALPR vendor I hope you will take into consideration the following key points about our company:

- our **only** market focus is specializing in Automated License Plate Recognition technologies
- As an Original Equipment Manufacturer, we design, manufacture, and develop our own hardware and software – we control the quality and support of our products from start to finish
- PIPS offers an ALPR “back-end” analysis software package (**Back Office Server Software: BOSS**) that provides data-mining of “historic” license plate information obtained and stored from all deployed mobile (and fixed) systems from within your department which can be integrated with other PAGIS / BOSS users to share and data mine their historic plate information
- Pips ALPR mobile systems were ranked #1 in ALPR technology available today after a very extensive DHS / FEMA assessment which was conducted in various police environments around the country. Our read and accuracy rate of 92% far exceeded any of the other ALPR vendors who were tested. That report was released in December of 2008.
- We have established sales and support offices in California, Illinois and Tennessee

I appreciate the opportunity to quote our Fixed Automated License Plate Recognition (ALPR) Spike Plus system with an integrated camera/processor architecture which allows for “full lane” coverage. This architecture offers the most cost effective alternative to typical fixed LPR systems in that the integrated Spike camera houses three components – color camera, IR camera, and processor. This means installations are simplified and the overall cost of ownership and maintenance is considerably reduced. The pricing for this project is for a permanent installation and is as follows:

Qty	Description	Unit Cost	Extended
1	P372P-810-X-Y , Dual Lens (IR with Color Over view) Spike Camera with integrated processor. Center lane coverage only.	\$11,000	\$11,000
1	P372P-CF-4GB 4GB Industrially Hardened Compact Flash Card for Buffering	\$475	\$475
1	AP372ORPBCKT Quick Release Camera Brackets – flat surface mount	\$750	\$750



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1	X3721001-1 NEMA rated interface/termination box with power supply lightning protection for two cameras, and 50' data/communications cable.	\$750	\$750
1	NEMA cabinet mounts	\$275	\$275
2 days	PIPS-SRVC-FLDENG On-site Engineering Services (Includes all travel and living expenses)	\$1,800/day	\$3,600
	Freight per System	\$200	\$200
	Total (Not Including Taxes)	\$17,050	\$17,050

Your agency, installer, or the responsible city/county agency is required to run power and data to all interface boxes as required by current city/county electrical codes. Prior to our engineer arriving, all cameras must be installed with live 120 volt power and active data communications in place. Installation of the hardware is by others and is assumed to be mounted on bridge structures per our recent conversation.

Omaha PD is responsible for the following elements of the purchase/installation of the system including:

- Obtaining any required approvals or permits for the installation of the Spike Plus LPR cameras on any poles adjacent to or over any road segments to be monitored or any overhead bridge structures on any public or private property
- Any required lane closures for the installation of the Spike Plus units, cabling and interface cabinets
- Installation of the camera mounts, Spike Plus cameras and installation of Interface Cabinets
- Installation ("pulling") of the power and data/communications cables from each Spike unit to the Interface Cabinets as well as securing any cabling.
- Providing and installing a 120 volt power source that will be run to each Interface Cabinet
- Any drilling/holes for any light standard/gantries to recess any camera/power/data cabling
- Providing a internet accessible PC in the agency's office for hosting the BOSS software program
- Providing an acceptable means of pole access (ladder, bucket truck, etc as required)
- Provision of data communication service for sending data from the Spike Plus camera to the Back Office Software at the Omaha Police Department servers or PC (if provided)
- Providing cable conduit (if required by local code/ordinance) - highly recommended
- Payment of state sales tax and any other related taxes associated with the purchase of the system

PIPS Technology is responsible for the following items:

- Installation supervision and oversight
- Configuration and alignment of the Spike Plus units
- Field performance testing of the system as installed
- Configuration and test of the BOSS dispatch software
- Training of the BOSS application software

All PIPS equipment hardware and software is covered by a one-year parts and labor warranty. Maintenance agreements are available for the system after the original one-year warranty expires. These agreements supply your end user with upgrades and improvements to our OCR



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engine for enhanced plate detection capabilities, software upgrades, and repair or replacement of all hardware sold by PIPS Technology, Inc. Annual maintenance of this software and equipment is optional and quoted at \$8,472 per year.

Once again, we thank you for the opportunity to provide a price quotation for this project. Please let me know if you require any further information. I can be reached directly at 602-363-7077 should you have any additional questions.

Kindest regards,

Giles Tipsword

Giles Tipsword
Sales Manager
PIPS Technology / Federal Signal Corporation

PIPS Technology, Inc.
804 Innovation Drive
Knoxville, TN 37932-2562

Invoice



Please Remit Check Payments To:
PIPS Technology, Inc. c/o Bank of America
15027 Collection Center Drive
Chicago, IL 60693

Please Remit Wire Payments To:
PIPS Technology, Inc. c/o BOA
Acct. #: 1233062483
ABA #: 026009593

Date	6/22/2009
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Invoice #	3948
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Bill To
Omaha, City of, NE (Finance) Disbursements Room #1007 1819 Farnam Street Omaha, NE 68183

Ship To
City of Omaha Police Dept. Attn: Russ 505 South 15th Street Omaha, NE 68102

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
po 1156161	Net 30		6/22/2009	Federal Express		1976 po 1156161
Quantity	Item Code	Description			Price Each	Amount
2	SLATE-950-LE-P	Slate Police ALPR PAGIS four camera unit			18,700.00	37,400.00
1	PIPS-SW-BOSS	BOSS-ADMIN "Back Office Server Software" installed on police department hardware.			995.00	995.00
2	Shipping	Shipping			200.00	400.00
<div>2 21797.5 1.77979 19397.50</div>						
					Total	\$38,795.00

PIPS Technology, Inc.
804 Innovation Drive
Knoxville, TN 37932-2562

89017

Invoice



FEDERAL SIGNAL
Advancing security and well-being.

Please Remit Check Payments To:
PIPS Technology, Inc. c/o Bank of America
15027 Collection Center Drive
Chicago, IL 60693

Please Remit Wire Payments To:
PIPS Technology, Inc. c/o BOA
Acct. #: 1233062483
ABA #: 026009593

Date	6/22/2009
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Invoice #	3949
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Bill To
Omaha, City of, NE (Finance) Disbursements Room #1007 1819 Farnam Street Omaha, NE 68183

Ship To
City of Omaha Police Dept. Attn: Russ 505 South 15th Street Omaha, NE 68102

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
po 1156161	Net 30		6/22/2009	Federal Express		1976 po 1156161
Quantity	Item Code	Description			Price Each	Amount
1	P372P-810-X-Y	Dual Lens (IR with Color overview) Spike Camera with Integrated processor. Center lane coverage only.			11,000.00	11,000.00
1	P372P-CF-4GB	4GB industrially Hardened Compact Flash Card for Buffering			475.00	475.00
1	AP372QRPBCKT	Quick Release Camera Brackets - flat surface mount			750.00	750.00
1	X3721001	NEMA rated interface/termination box			750.00	750.00
1	Bracket(s)	NEMA cabint mounts			275.00	275.00
1	Shipping	Shipping			200.00	200.00
					17050 078685	

17050 78485



FEDERAL SIGNAL CORP.
Advancing Security and Well-being

INVOICE

PIPS Technology
804 Innovation Drive
Knoxville, TN 37932-2562

Send Payments To:
PIPS Technology Inc
C/O Bank of America
15027 Collection Center Drive
Chicago, IL 60693

WIRE TRANSFERS to:
Bank of America Chicago, IL
Acct No. 1233062483
ABA No. 0260-0959-3

Billing/Credit Inquiry: (865)-392-5540

Fax: (865)-392-5599

Invoice No. 6290
Invoice Date 07-08-09
Our Order No. 3207

SHIPPER: 5169

Cust Fax: 4024445423

Page 1

SOLD TO: 1296

OMAHA, NE, CITY OF
FINANCE DISBURSEMENTS
ROOM #1007
1819 FARNAM ST.
OMAHA, NE 68183

SHIP TO:
CITY OF OMAHA POLICE DEPT
SUPPLY ATTN RUSS
505 SOUTH 15TH ST
OMAHA, NE 68102
USA

REP: 10

REGION: 10

N
DE
N

BILL TO NO.	CUSTOMER'S ORDER NO.	TERMS	SHIPPED VIA & TRACKING #	DATE SHIPPED
1296	1156161	0.00/0/30	FED-X GRND	07-08-09
	Charge Code CC1976B	KNOXVILLE FREIGHT TERMS: Prepay and Bill		

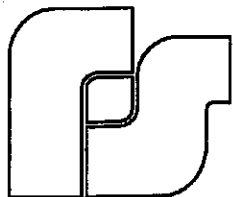
ITEM NO.	QUAN. ORDERED	QUAN. BACK ORD.	QUAN. SHIPPED	PART NUMBER / DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1	2	0	2	INSTALLTRAIN SYSTEM INSTALL OR TRAIN	2400.00	4,800.00
<i>line for \$38795</i>						
SUB-TOTAL						4,800.00
SHIPPING & HANDLING						0.00
INVOICE TOTAL						\$ 4,800.00

If you wish to receive your invoices via email
please respond to: slakins@federalsignal.com

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ORIGINAL

Form Revised April 13th 2009



FEDERAL SIGNAL CORP.
Advancing Security and Well-being

INVOICE

PIPS Technology
804 Innovation Drive
Knoxville, TN 37932-2562

Send Payments To:
PIPS Technology Inc
C/O Bank of America
15027 Collection Center Drive
Chicago, IL 60693

WIRE TRANSFERS to:
Bank of America Chicago, IL
Acct No. 1233062483
ABA No. 0260-0959-3

Billing/Credit Inquiry: (865)-392-5540

Fax: (865)-392-5599

Invoice No. 6313
Invoice Date 07-24-09
Our Order No. 3208

SHIPPER: 5201

Cust Fax: 4024445423

Page 1

SOLD TO: 1296

OMAHA, NE, CITY OF
FINANCE DISBURSEMENTS
ROOM #1007
1819 FARNAM ST.
OMAHA, NE 68183

SHIP TO:

CITY OF OMAHA POLICE DEPT
SUPPLY ATTN RUSS
505 SOUTH 15TH ST
OMAHA, NE 68102
USA

REP: 10

REGION: 10

N
DE
N

BILL TO NO.	CUSTOMER'S ORDER NO.	TERMS	SHIPPED VIA & TRACKING #	DATE SHIPPED
1296	1156161	0.00/0/30	FED-X GRND	07-24-09
	Charge Code CC1976A	KNOXVILLE FREIGHT TERMS: Prepay and Bill		

ITEM NO.	QUAN. ORDERED	QUAN. BACK ORD.	QUAN. SHIPPED	PART NUMBER / DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1	2	0	2	INSTALLTRAIN SYSTEM INSTALL OR TRAIN	1800.00	3,600.00
SUB-TOTAL						3,600.00
SHIPPING & HANDLING						0.00
INVOICE TOTAL						\$ 3,600.00

If you wish to receive your invoices via email
please respond to: slakins@federalsignal.com

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ORIGINAL

Form Revised April 13th 2009