



PIPS Technology, Inc
A Federal Signal Company
 804 Innovation Drive
 Knoxville, TN 37932

Tel: (865) 392-5540
 Fax: (865) 392-5599

www.pipstechnology.com
 mail to: info@pipstechnology.com

PACKING LIST

Ship Date: January 29, 2008

Ship To: City of Las Vegas Metro Police Dept.
 Attn: Johnene Farino
 Laughlin Substation
 101 Civic Way
 Laughlin, NV 89029
 (702) 298-2223

Order Number: 4500066923-019

Charge Code: 1549

Carrier: Fed-Ex

Package: 1 Box, 46 lbs.

rec'd 2/1/08

ITEM	QTY	B/O	DESCRIPTION	PART NO	SERIAL NO
1	1		Mobile Law Enforcement Package –Gold: including:	P362-810-LE-G	
	1		P362 Camera, 810nm, W, 08mm IR, 06mm OV	P362E481W08N4VI06A	7127
	1		P362 Camera, 810nm, W, 16mm IR, 8mm OV	P362E481W16N4VI08A	7150
	1		P362 Camera, 810nm, N, 25mm IR, 12mm OV	P362E481N25N4VI12A	7119
	3		Camera Cables	ACA3620003	
	1		SuperRex Processor	AP400HD20	60304
	1		Dongle internally stored on SuperRex		33917
	1		PAGIS software preinstalled (V 2.5.1)		
	1		PAGIS software CD (V 2.5.1)		
	1		PAGIS Dongle (programmed for 1 uses)		34025
	1		Power Distribution Cable 20'		
	0	1	GPS module	010-00258-02	
	1		Crossover Cable 25'		
	1		Active USB Extension Cable 26'		
	0	1	Custom mounting bracket		
2	1		Back Office Server Software	PIPS-SW-BOSS	
	1		BOSS Software CD (V. 2.5.1)		
	1		BOSS Dongle (yellow dot)		34024

Received in Good Order By:

Signature

Date



Tom Smitley
Las Vegas Metro Police Department
 101 Civic Way, Suite 3
 Laughlin, NV 89029

September 6, 2007

REF: Mobile Automated License Plate Recognition (ALPR) System, PAGIS

Tom,

Thank you for the opportunity to quote our Mobile Law Enforcement Automatic License Plate Recognition (ALPR) System referred to as PAGIS. PIPS Technology has been the industry leader in ALPR systems worldwide for over 15 years. When considering an ALPR partner I hope you will take into consideration the following key points about our company:

- Our only market focus worldwide is specializing in Automatic License Plate Recognition technologies.
- As an Original Equipment Manufacturer, we design and build our own hardware and software – we control the quality, sales and support of our products from start to finish.
- PIPS Technology pioneered the 3 and 4 camera mobile law enforcement LPR configuration.
- PIPS offers an ALPR “back-end” analysis software package (BOSS) that provides administration of PAGIS users and data-mining of “historic” license plate information obtained and stored from all deployed mobile (and fixed) systems within your department. This system allows for sharing of LPR data among other agencies that have the PIPS back office software.
- Our technology has passed a rigorous 5-protocol day and night testing procedure by the CHP with successful capture and plate interpretation rates of 92% obtained at speeds up to 110 miles per hour in various conditions that simulate the mobile law enforcement environment. In addition, our durable camera mounts were designed by law enforcement for law enforcement deployment.
- We have an established sales and support office for California based in the Los Angeles Area.

I am pleased to provide you with the following pricing for one (1) three-camera LPR systems without touch screen monitor/processor “hard” mounted in a police vehicle. This system is quoted for integration into an existing MDT environment.

QTY	DESCRIPTION	UNIT COST
1	Police ALPR PAGIS units to include: three P362 dual lens cameras with IR @ 950nm <u>and</u> color overview; all custom camera cabling; PIPS ALPR processor-trunk mounted; <u>GPS module</u> ; All required PAGIS and ALPR software installed on the processor for the State of California vehicle license database (DOJ)	\$ 19,975.00
1	Installation and Training	\$ 2,450.00
	PIPS-SW-BOSS “ Back Office Server Software ” installed on police Department hardware - one (1) software license per site is required (2GB storage limit) (This is an additional license price)	\$ 975.00
TOTAL (excluding sales tax):		\$ 23,400.00

6320 Canoga Avenue, Suite 1500
 Woodland Hills, Ca. 91367

Phone: (818) 615-2018
 Fax: (805) 531-1161
 E-mail: info@pipstechnology.com

Our quote includes installation. During that time, you or the appropriate personnel will receive training on both PAGIS and BOSS by our representative.

Our quote includes our Back Office Server Software (BOSS) that can be installed on a department PC or server. This software application is used for user administration, data mining of all data collected by each PAGIS unit and integrating PIPS fixed LPR cameras. The initial cost of installing BOSS for your agency can be utilized for all future PIPS mobile installations within your organization. It can also integrate with other law enforcement agencies, fixed ALPR sites, or with commercial purchasers of our ALPR systems to provide a comprehensive database of vehicle movement within the surrounding areas where PIPS systems have been deployed. This version of BOSS has a storage limit of 2GB. If your agency already has a full license of Microsoft Sequel Server, BOSS will not have any storage limit. If your agency already uses BOSS, you can deduct it from this quotation.

Our quote excludes applicable sales tax, as well as shipping and insurance which is estimated at \$200 per system; however, actual cost will be invoiced.

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 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). Costs for this optional agreement is \$3,364 annually.

Please let me know if you require any other information. I can be reached directly at 818-800-5924 should you have any further questions. I will follow up with you later next week.

Kindest regards,



Greg Lary
Director, West Coast Operations
PIPS Technology, Inc.
Cell: 818-800-5924
E-mail: greal@pipstechnology.com

PLEASE KEEP INSTRUCTIONS IN A SECURE LOCATION

NCIC FTP DOWNLOAD

November 29, 2005

C:> PING 10.3.2.6 <enter>

(This needs to be done the first time only and verifies that your workstation can communicate to the ftp server, also use this anytime you need to confirm that you have good communication to the ftp server)

DOWNLOAD PROCESS

Explanation

C:> FTP 10.3.2.6	<ENTER>	Command connects to the server
USER: LVM	<ENTER>	User Name
PASSWORD: aKYwV7wc	<ENTER>	Password
FTP>CD PIP	<ENTER>	Changes the directory to PIP
FTP>DIR	<ENTER>	You will see the latest NCIC file

Note: At this point, verify the creation date for the file called vehicle.txt – it should be today.

FTP>GET vehicle.txt e:\vehicle.txt

When finished

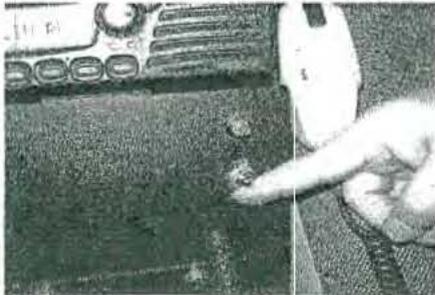
FTP>BYE

a6122g

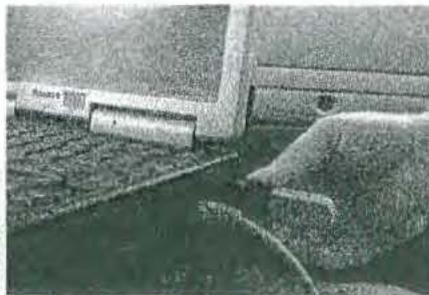
11/29/2005

OPERATING THE LPR CAR AND CAMERAS

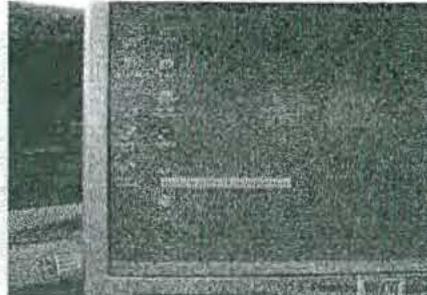
- 1 You must first obtain the flash drive from the office with a recent NCIC download available on it.
- 2 Start the engine. (The engine must be running while the cameras are activated- Never run cameras without engine running!)
- 3 Log on using your LVMPD logon and password. Flip the camera switch to "ON" position (located on center console)
- 4 Insert the flash drive into the middle port on the right hand side of the MDT
- 5 Double click on the PAGIS icon to activate the LPR system (this can be minimized during standard MDT operation)
- 6 At the prompt, enter the log on information: Badge No: 1849 Password: 1849 press the Logon button.



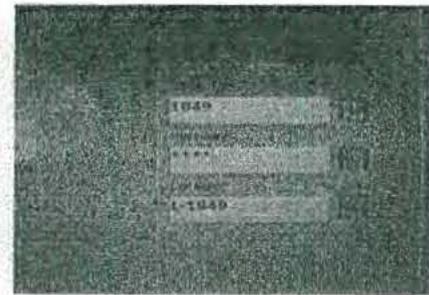
Camera ON



Insert Flash Drive



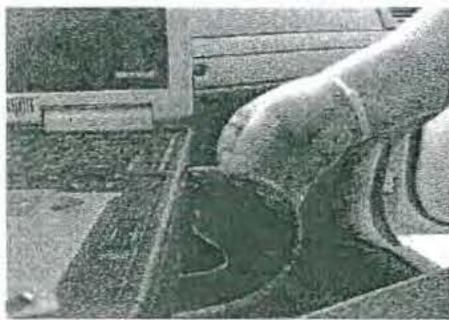
PAGIS icon



Log On

TO REACTIVATE YOUR TOUGHBOOK/MDT LOGON

- 1 Disconnect the gray network connection from the side of the MDT and remove the MDT from the vehicle.
- 2 Connect the MDT to the "blue line" network connection located in the briefing room.
- 3 Logon using your LVMPD logon and password, wait until the MDT cycles through all logon screens, including the LVMPD welcome screen.
- 4 Log off the MDT and unplug the network connection.
- 5 Re-install the Toughbook/MDT in the LPR vehicle. Re-attach the gray network connection to the MDT, and logon to the MDT to confirm your reactivation.



License Plate Reader (LPR) Directions

Please Keep Instructions In A Secure Location

NCIC FTP DOWNLOAD (Place USB in port)

Go to Start
Left click on Start
Left click on Run
cmd should be in the box, if not type **cmd** and enter
Change f:\> to C drive by typing **c:** and enter
Should appear as: **c:\>** (then follow below commands)

(This needs to be done the first time only and verifies that your workstation can communicate to the FTP server, also use this anytime you need to confirm that you have good communication to the FTP server)

DOWNLOAD PROCESS

			Explanation
c:\>	FTP 10.3.2.6	<enter>	Command connects to the server
USER:	LVM	<enter>	User Name
PASSWORD:	aKYwV7wc	<enter>	Password
FTP>	CD PIP	<enter>	Changes the directory to PIP
FTP>	DIR	<enter>	You will see the latest NCIC file

Note: At this point, verify the creation date for the file called vehicle.txt - it should be today

FTP> GET vehicle.txt \vehicle.txt
When finished... FTP> BYE

*CINDI,
I RECEIVED THIS
FROM GUY IN
NARCOTICS WHO
USES LPR - I
WILL SEND YOU
EMAIL.*

*GAT
2.27.11 GENE*

Directions for Conversion

On stand alone LPR computer follow these directions:

User name: Administrator

Password: Password1 (P is capitalized only)

Double click on Synchronizer icon

Pagis Box comes up:

Begin Shift

End Shift

Options

Exit

1. Place silver zip drive into USB port (target)
2. Place red zip drive into USB port (source)
3. Click on begin shift and download begins
4. Once download complete, safely remove zip drives
5. If screen says synchronization failed complete the following:
 - a. Go to options and see what drive computer is on f or g?
 - b. Change to whatever red drive is on, click save and then click ESC
 - c. Now attempt to click on begin shift and download should begin

Always safely remove zip drives from USB ports

Directions for upload into vehicle:

- For initial login:
- 1.) Turn vehicle on.
 - 2.) Computer should take you to login screen, if not go to Pagis double tap and tap on VIPER
 - 3.) USERID: viper, Password: viper1 (all lowercase)
 - 4.) After login is successful, place red zip drive into USB port.
 - 5.) Go to Begin shift and double tap (system will begin download) Once download is complete, you may remove red zip drive until end of shift
 - 6.) Tap camera live button and verify color cameras are open
 - 7.) Tap ALPR button and verify I.R. cameras are open
 - 8.) Once shift complete, put red zip drive in USB port and double tap on End shift
 - 9.) Power off computer

NOTE: For the Element, you must flip the switch to the right of the steering wheel up (red power light will come on) to power up the computer. **MAKE SURE TO TURN THAT SWITCH OFF WHEN TURNING THE VEHICLE OFF.** If left on, the vehicle battery will be drained!

If you have trouble with the LPR, please use the following suggestions prior to calling for assistance when possible.

Blue screen: Turn vehicle off, then back on again. For the Element, remember to flip the switch to the right of the steering wheel to turn on the computer.

PAGIS system already running: Click ok, this normally happens in the Durango.

LOGIN Fail: Try shutting down and re-entering USERID: viper, Password: viper1 (all lowercase)

MODES

- Parking mode (2 cameras face right) - for parking structures or spaces
- Traffic Mode (cameras are on angle to left and right) drive mode

CONCERNS

- Only AZ, UT, CA, and NV stolen vehicles on download
 - Confirm all 411 hits to ensure plate matches state stolen from
- YOU DO NOT HAVE TO BEGIN SHIFT AGAIN IF YOU TURN THE CAR OFF
- Not connected to dispatch
- No emergency equipment in vehicle
 - Keep a portable radio with you



Clark County Purchasing
 500 S Grand Central Parkway
 Las Vegas NV 89155,
 Phone:(702) 455-2897,Fax:(702) 386-4914
 Tax ID No. 88-6000028

Jacques L - CAO - in Canada
 Chris Robinson
 (949) 280-1716



Greg Lary
 VP of West Coast Operations
 818-415-2018

200-595-2018
 2018
 Page 1 of 2

NOT YET RELEASED

Order Date	01/18/2008
Last change date	N/A
Payment Terms	Net 30 Days
Buyer	Chetan Champaneri
Phone	702-455-2729
Required Delivery Date	01/27/2008
Inco Terms	DESTINATION - FREIGHT PREPAID
Inco Terms(Part 2)	N/A
Reference Number	C600998-08
Confirmation By	Greg Lary
Contact Person	JOHNENE FARINO
Phone Number	(702) 298-2223

Vendor Address
Vendor Number:513385 PIPS TECHNOLOGY ATTN: GREG LARY, DIRECTOR 804 INNOVATION DRIVE KNOXVILLE TN 37932 Contact Person: Greg Lary

Billing Address
Las Vegas Metro Police Dept Accounting Section 3141 E Sunrise Las Vegas NV 89101

Delivery Address
LAS VEGAS METROPOLITAN POLICE DEPT LAUGHLIN SUBSTATION 101 CIVIC WAY LAUGHLIN NV 89029

Review
 Bto-
 How many hits & reads

C600998-08, C7415-08, Fin 1/16/2008
 Agreement No.: 4610001934

Item	Material/Description	Quantity	UOM	Un	
10	Automated License Plate Reader	1.00	EA	19,975.00 / EA	19,975.00
Police ALPR PAGIS units to include: three P362 dual lens cameras with IR @ 950nm 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 California vehicle license database (DOJ)					
20	Installation & Training	1.00	EA	2,450.00 / EA	2,450.00
Installation & Training					
30	Software	1.00	EA	975.00 / EA	975.00
PIPS-SW-BOSS "Back Office Server Software" installed on police department hardware - one (1) software license per site is required (2 GB storage limit) (this is an additional license price)					
Total					\$ 23,400.00



Clark County Purchasing
500 S Grand Central Parkway
Las Vegas NV 89155,
Phone:(702) 455-2897,Fax:(702) 386-4914
Tax ID No. 88-6000028



Page 2 of 2

INSTRUCTIONS TO VENDOR:

This Purchase Order is subject to the Terms and Conditions incorporated herein by this reference. A complete copy of the Terms and Conditions is available through the County's website, www.accessclarkcounty.com, by navigating to the Finance Department's webpage listed under County Services. Clark County encourages the economic prosperity of all disadvantaged groups in the business community, and promotes full and open competition in all purchasing activities. If you have questions concerning how to prepare a bid, information that is available to you, or you would like to discuss business opportunities within Clark County, please contact the Business Development Division, at telephone number (702) 455-4432. Note: All invoices must be submitted with the appropriate Purchase Order referenced.

SIGNATURE

A handwritten signature in cursive script that reads "Chelan Champaneri".

DATE: 01/18/2008

Chelan Champaneri
PHONE :702-455-2729

PIPS Technology Inc.
P.O. Box 24117
Knoxville, TN 37933-2117
Phone # 865 392 5540



PIPS TECHNOLOGY

A Federal Signal Company

Invoice

Date	Invoice #
3/12/2008	2743

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
SWIFT address: BOFAUS3N

Bill To
Las Vegas Metro Police Dept
Accounting Section
3141E Sunrise
Las Vegas, NV 89101

Ship To
Las Vegas Metro Police Dept
Laughlin Substation
101 Civic Way
Las Vegas, NV 89029

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
4500066923-...	Net 30		3/12/2008	Office		1549 PO# 4500066923-019

Quantity	Item Code	Description	Price Each	Amount
1	Installation	Installation and Training completed 3/11/08 Sales Tax - out of state sales exempt from TN sales tax	2,450.00 0.00%	2,450.00T 0.00

MAY 17 12:05
Title

SENT 3/17 FROM SHEILA EXT. 3954
DEP 136 PO # / GL
FYI _____ VENDOR
AUTHORIZED SIGNATURE / GOODS RECPT #
P# 1280 DATE REC 3-19-08

GOODS RECEIPT
DOC # 5000
P # J4601F

			Total	\$2,450.00
--	--	--	--------------	------------

Sheila-

I could not get thru
to goods receipt. So
I had our Acting LI
Sgt Bruce Harper sign
off on it so it can
get paid.

Johnene Farno

298-2223

10/1/12

PIPS Technology Inc.
 P.O. Box 24117
 Knoxville, TN 37933-2117
 Phone # 865 392 5540



A Federal Signal Company

Invoice

Date	Invoice #
1/31/2008	2659

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
 SWIFT address: BOFAUS3N

Bill To
 Las Vegas Metro Police Dept
 Accounting Section
 3141E Sunrise
 Las Vegas, NV 89101

Ship To
 Las Vegas Metro Police Dept
 101 Civic Way
 Las Vegas, NV 89029

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
4500066923-...	Net 30		1/31/2008			1549 PO# 4500066923-019

Quantity	Item Code	Description	Price Each	Amount
1	Mobile System	Automated License Plate Reader - Police ALPR PAGIS unit	19,975.00	19,975.00T
1	Software License	Software/License	975.00	975.00T
1	Shipping	Shipping	36.00	36.00
		Sales Tax Exempt	0.00%	0.00

GOODS RECEIPT
 DOC # 5000340246
 P # J4601F (by Nan Bower)

SENT 2/5 FROM SHEILA EXT. 3954
 DEP 136 PG # / GL _____
 FYI _____ VENDOR _____
 AUTHORIZED SIGNATURE/GOODS RECP # _____
 P# _____ DATE REC _____

LVHPC ACCOUNTING
 2018 FEB -4 P 12:32



Total 520,986.00

LAS VEGAS METROPOLITAN POLICE DEPARTMENT
PROPERTY CONTROL FORM

PROPERTY TAG NUMBER: 51879

THIS FORM MUST BE COMPLETED FOR ANY PROPERTY OVER \$3,000 IN VALUE (Except for Vehicles).

ADD NEW

TRANSFER

CHANGE

Property Description: Automated License Plate Reader			
Property Description in Layman's Terms: Automated License Plate Reader			
Bureau in Which Property is Located: Support Services Bureau		Section in Which Property is Located: Resident Section / Laughlin Substation	
Manufacturer PIPS	Received Date: 02/01/08	Serial Number: 060304	Tag on Property? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Purchase Order #: 4500066923	Purchase Price: \$19,975.00	Vendor Name: PIPS Technology	

TRANSFER TO LOCATION:	Date:
Received by: _____ <i>Bureau Commander (Signature or E-mail Attachment)</i>	

TRANSFER TO LOCATION:	Date:
Received by: _____ <i>Bureau Commander (Signature or E-mail Attachment)</i>	

CHANGE STATUS TO:				
<input type="checkbox"/> D-Disposed	<input type="checkbox"/> C-Scrapped	<input type="checkbox"/> U-Unaccounted For	<input type="checkbox"/> W-Warehouse	<input type="checkbox"/> S-Sale
Signed: _____		Date: _____		

FOR ACCOUNTING USE ONLY:		
Asset Type: _____	Asset Class: _____	Vendor #: _____
_____ <i>Date Entered</i>		_____ <i>Initials</i>