



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**DPS0706**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 BUYER 32  
 304-558-0492

RFQ COPY  
 TYPE NAME/ADDRESS HERE

Laser Atlanta LLC  
 6090-E Northbelt Parkway  
 Norcross, GA 30071

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE  
 SOUTH CHARLESTON, WV  
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/16/2006				

BID OPENING DATE: **11/02/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001		EA.		680-77	\$ 2,643.00	\$ 2,643.00
<p align="center"><b>REQUEST FOR QUOTATION</b></p> <p>THE PURCHASING DIVISION IS SOLICITING BIDS FOR THE WEST VIRGINIA STATE POLICE TO PROVIDE AN OPEN-END CONTRACT FOR LASER SPEED AND RANGE MEASUREMENT SYSTEMS FOR STATE, COUNTY AND CITY POLICE AGENCIES.</p> <p>ATTACHMENTS:            1. SPECIFICATIONS            2. AFFIDAVIT</p> <p><b>HAND-HELD LASER/RANGE MEASUREMENT SYSTEM</b></p> <p align="center"><b>VENDOR PREFERENCE CERTIFICATE</b></p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p> <p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>( ) BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 770-446-3866	DATE 10/31/06
TITLE PK-3110568 CEO	FEIN 75-3110568	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>CERTIFICATION; OR</p> <p>( ) BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>( ) BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>( ) BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;</p> <p>OR</p> <p>( ) BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE <b>770-446-3866</b>	DATE <b>10-31-06</b>
TITLE <b>PRESIDENT / CEO</b>	FEIN <b>753110568</b>	ADDRESS CHANGES TO BE NOTED ABOVE

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX &amp; REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE <b>770-446-3866</b>	DATE <b>10/16/06</b>
TITLE <b>President / CEO</b>	FEIN <b>75-3110568</b>	ADDRESS CHANGES TO BE NOTED ABOVE

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<p>BIDDER: <u>LASER ATLANTA LLC</u></p> <p>DATE: <u>OCTOBER 31, 2006</u></p> <p>SIGNED: <u>[Signature]</u></p> <p>TITLE: <u>PRESIDENT &amp; CEO</u></p>						
<p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <u>[Signature]</u>	TELEPHONE <u>770-446-3866</u>	DATE <u>10-31-06</u>
TITLE <u>PRESIDENT &amp; CEO</u>	FEIN <u>95-9110568</u>	ADDRESS CHANGES TO BE NOTED ABOVE

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				BUYER:	RON PRICE	
				RFQ. NO.:	DPS0706	
				BID OPENING DATE:	NOVEMBER 2, 2006	
				BID OPENING TIME:	1: 30 PM	
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
					770-840-0462	
CONTACT PERSON (PLEASE PRINT CLEARLY):						
					RICHARD MOWCZKO	
***** THIS IS THE END OF RFQ DPS0706 ***** TOTAL:						\$ 2643.00 PER PACKAGE

**State of West Virginia SpeedLaser® 'S' Package**

Package includes: SpeedLaser®'S', (2) NiMH rechargeable battery handle, 120VAC battery charger, 10' 12V DC coiled power cord (cigarette charger), soft foamed carrying case, (2) year warranty and users manual.

**State of West Virginia SpeedLaser® 'R' Package**

Package includes: SpeedLaser®'R', (2) NiMH rechargeable battery handle, 120VAC battery charger, 10' 12V DC coiled power cord (cigarette charger), soft foamed carrying case, (2) year warranty and users manual.

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 770-446-3866	DATE 10-31-2006
TITLE PRESIDENT & CEO	FEIN 75-310568	ADDRESS CHANGES TO BE NOTED ABOVE

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## HANDHELD LASER SPEED AND RANGE MEASUREMENT SYSTEM SPECIFICATIONS

The West Virginia State Police desire to establish an open-end contract for the purchase of Police Traffic LIDAR (Light Detection and Ranging) handheld laser speed and range measurement systems, hereinafter system. The contract will be available for use by other entities of state government, as well as counties and municipalities.

### 1. LIDAR SPECIFICATIONS

		Comply?	
		<u>Yes</u>	<u>No</u>
1.1	The instrument shall use LIDAR techniques to determine the range and speed of target objects from a series of infrared laser light pulse.	<u>X</u>	_____
1.2	The system shall conform to the National Highway Traffic Safety Administration (NHTSA) "Model Minimum Performance Specifications for (LIDAR) Laser Speed Measuring Devices. In addition the system should meet the FDA/CDRH CLASS 1 Device specifications for eye safety.	<u>X</u>	_____
1.3	The system shall operate from the unfiltered power supply available in a standard automotive vehicle (10.8 – 16.5 volts DC; negative ground) and from removable battery located in the handle.	<u>X</u>	_____
1.4	The system shall include both the DC power supply cord and the battery needed to operate the system. The DC power supply cord shall be at least 5 1/2 feet in length, with a completely flexible polypropylene jacket impervious to deterioration by oil and exposure to sunlight. It shall terminate on one end by a rugged heavy duty male plug compatible with a conventional cigarette lighter receptacle of a vehicle with the other end securely fastening to the system. The male connector plug shall be made of a rugged bread-resistant material and shall have heavy, corrosion-resistant spring-action electrical contacts. The end of the cigarette plug shall be removable and contain no more than a 3 amp SLO-BLO fuse. If the system utilizes a rechargeable battery pack then the system must also include a charger for the battery pack and one (1) additional battery pack.	<u>X</u>	_____
1.5	The system shall be accurate through its range within plus or minus one (+/- 1) mile per hour and shall be capable of reading speed from at the minimum $\pm 1$ mph to $\pm 200$ mph.	<u>X</u>	_____
1.6	The system shall have an adjustable range control which allows the operator to select the maximum distance at which a target will be detected, from a minimum of 20 feet to 4500 feet.	<u>X</u>	_____
1.7	The system shall be gun shape in design for maximum ease of use and portability.	<u>X</u>	_____
1.8	The system shall incorporate a heads-up display (HUD) that allows the operator to simultaneously observe the target and continuously updated speed displays, to insure proper tracking history.	<u>X</u>	_____

- |      |   | Comply?    |            |
|------|---|------------|------------|
|      |   | <u>Yes</u> | <u>No</u>  |
| 1.9  | The system shall be capable of displaying either speed or range to the target, in the HUD selectable by the operator.   | <u>X</u>   | _____      |
| 1.10 | The systems HUD shall have an adjustable brightness control with a visual indication of the selected brightness.  | <u>X</u>   | _____      |
| 1.11 | The systems HUD shall incorporate two separate four-character minimum high-brightness alphanumeric displays, one each for target speed and range.   | <u>X</u> * | _____      |
| 1.12 | The system shall be equipped with an LED indicator which presents a visual indication that DC power is present and the unit is turned on.   | <u>X</u>   | _____      |
| 1.13 | The system shall be equipped with an LED indicator which presents a visual indication that laser pulses are being transmitted.  | <u>X</u> * | _____      |
| 1.14 | The system shall incorporate a dual function trigger. When the trigger is pulled, it activates the firing of laser pulses and the range and speed measurement functions of the system. When the trigger is released, the displayed range and speed readings are locked on the displays.                       | <u>X</u>   | _____      |
| 1.15 | The system shall be capable of distinguishing between different directions of vehicular traffic: approaching and receding.  | <u>X</u>   | _____      |
| 1.16 | The system shall have an adjustable audio control with a visual indication of the selected audio level.   | <u>X</u>   | _____      |
| 1.17 | The system shall output an adjustable volume, variable pitch, audio tone that is directly proportional to target speed.   | _____      | <u>X</u> * |
| 1.18 | The system shall include a built-in and an operator initiated electronic calibration self-test which performs a diagnostic test of the time-measurement circuitry, signal processor, random access memory (RAM), and associated processor logic. Any detected malfunction will result in a "FAIL" indication. | <u>X</u>   | _____      |
| 1.19 | The system shall have a light-test function for checking the readout display to verify that all displays are in working order.  | <u>X</u>   | _____      |

**2. OPERATING INSTUCTIONS MANUAL**

- |     |   |          |       |
|-----|---|----------|-------|
| 2.1 | A full and complete set of operating instructions shall be furnished by the contractor with each unit.  | <u>X</u> | _____ |
| 2.2 | The contractor shall make available complete LIDAR operator training. This may be in the form of VHS video training which is to be included with each system purchased. | <u>X</u> | _____ |

**\* SEE ATTACHED**

Comply?  
Yes    No

3. WARRANTY

3.1 The manufacturer shall fully guarantee their traffic LIDAR system and agree to repair or replace (at its discretion) each unit that fails due to defective materials or workmanship for a period of two (2) years from the date of delivery to the agency.

X    \_\_\_\_\_



**Deviations From the Specifications:**

**LIDAR Specifications:**

**1.11 – Laser Atlanta LLC complies ‘as equal’ to this specification. The SpeedLaser® has one alphanumeric display which alternates the target speed and range in the HUD, while we display both on the LCD screen of the unit.**

**1.13 – Laser Atlanta LLC complies ‘as equal’ to this specification. We display on the LCD screen.**

**1.17 – Laser Atlanta LLC does not comply with this specification. The SpeedLaser® audio gives a ‘lock’ tone and a ‘painting’ tone for output that is directly proportional to the target speed.**

**SEE ATTACHED ‘SPEEDLASER® FEATURES AND BRIEF DESCRIPTIONS’ DOCUMENT FOR OTHER UNSPECIFIED FEATURES OF THE SPEEDLASER®.**

6090-E Northbelt Parkway  
Norcross, GA 30071  
<http://www.laseratlanta.com>  
(770)446-3866 Voice  
(770)840-0462 Fax



### SpeedLaser® Features & Brief Descriptions:

#### SOME OF THE DISTINGUISHING FEATURES OF THE PRODUCT:

- **‘Obstructive Mode’** – The ability for the user to switch on this mode when using the SpeedLaser® in rain, snow, fog, or through a windshield or chain link fence.
- **‘Jammer Detector’** – The SpeedLaser® will do speed detection while being jammed. We have the ability for the LIDAR unit to show if a jammer is in use while it detects speed. We also indicate the jammer type.
- **‘Stealth Mode’** – A mode of operation that thwarts jammers and gives the speed reading regardless of the presence of a jammer. Most laser detectors can not detect that their vehicle is being hit by a laser when in Stealth Mode.
- **Multi Language Display** – User selectable languages of French, Spanish, English and Portuguese.
- **Auto Daily Test** – The officer pushes a button and we do an automatic test that shows pass or fail. No need to refer to instructions since it is automatic. We have heard from other law enforcement agencies that this becomes very important when asked in court by a defense attorney how they did the test and did they follow the instructions exactly.
- **Full Remote Control** – Through the RS232 data port.
- **Optional Memory Port** – For reading of data. Instantly changed by the user.
- **GPS Linkage** – Ability to tie into GPS systems for applications such as accident mapping.
- **Tagging function** – Laser can tag electronically gathered data with a unique operator selectable tag number from 0 to 255. This tag can also be set to auto increment.
- **DOT, Crosshairs, or Both** – The ability to display crosshairs, DOT or both in the HUD. Only laser that can do this
- **HUD Displays Speed or Range** – User can configure the HUD to display Speed, or Range, toggle between Speed and Range, or display neither.
- **Intuitive Interface** – More user friendly vs. competitor’s units.
- **Software updates included for the Life of the product.**
- **Recessed Glass** – Recessed for the protection of scratching.
- **‘First Shot/Last Shot Function** – Great for an accident mapping solution.
- **‘VASCAR Mode Built-in’** – ‘Stopwatch Mode’. Speed of car detected with absolutely no visual indication of operation to the offending vehicle.
- **‘Date & Time Function’** – Real time clock for logging date & time required with many law enforcement applications. User can update date and time as necessary.
- **Remembers User Settings** – The SpeedLaser® will remember the user’s settings. Other products default to factory settings on turn off or battery removal. User can select between auto restore on daily test, or maintain user setting while performing daily test.
- **Continuous Logging** – Tracking history available on back panel or to a PC.
- **Internal Video Camera Option** – Only manufacturer with this option.

- **Bluetooth Option Built-in** – Only manufacturer with this option (Patent Pending).
- **Remote Data Collection** – In a accident mapping application, the data collector can be at remote target data point allowing for faster, more accurate data collection.
- **IACP Listed LIDAR System**
- **Captures Speed in 0.3 seconds**
- **User installable 8x Monocular Scope Available**
- **9V Battery Handle Available or NiMH rechargeable Battery Handles**
- **Speed Range: 0 MPH – 200 MPH (0 KPH – 320 KPH)**
- **Distance Range: Up to 7000 Feet (2,133 M)**
- **GE Lexan ABS Alloy Housing**
- **Audio Quality Chirp** – Provides a audio that ranges from a chirp to near solid tone indicating how well the officer is holding the laser beam on target.
- **Built in Battery Meter** – User can check state of the laser battery.
- **Optional Internal Compass** – Unit can be configured with built in horizontal angle measurement for quick 2d electronic sketches on a accident scene.
- **Optional Grade Measurement** – Allows user to measure the grade of a road surface. A requirement before speed enforcement in some jurisdictions.
- **Built in Daily Test, Check List** – Reminds the officer of each step required to perform an accurate daily test.
- **Tracking History** – Can be configured to provide a tracking history of the target vehicle. Automatically detect when the laser has been transitions from one vehicle to another and clears the tracking history. Tracking history provides stronger evident of the speeding offence and is encourage in many jurisdictions.

International Association of Chiefs of Police  
 515 N. Washington Street  
 Alexandria, VA 22314-2357  
 Telephone: 703-836-6767; 1-800-THE-IACP  
 Fax: 703-836-4543  
 Web Address: [www.theiacp.org](http://www.theiacp.org)



**POLICE TRAFFIC LIDAR SPEED MEASURING DEVICES AND SYSTEMS  
 CONFORMING PRODUCTS LIST (CPL)**

October 2, 2006

**FOREWORD:**

The International Association of Chiefs of Police (IACP) has tested and certifies that the following speed measuring instruments meet all requirements of the lidar speed-measuring device model minimum performance specifications, as adopted and published by Highway Safety Committee of the International Association of Chiefs of Police. The instrument models are listed alphabetically, by manufacturer. Listing of the model on the Conforming Products List (CPL) is not to be considered an endorsement of a specific manufacturer or model. For additional information regarding this CPL, refer to the Notes section at the end of this document.

**UNITS APPROVED AND CURRENTLY IN PRODUCTION:**

MANUFACTURER	MODEL	LIDAR DEVICE <sup>(1)</sup>	LIDAR SYSTEM <sup>(2)</sup>	
			MANUAL <sup>(3)</sup>	AUTOMATIC <sup>(4)</sup>
			ATTENDED <sup>(5)</sup>	UNATTENDED <sup>(6)</sup>
Applied Concepts, Inc.	Stalker	•		
Kustom Signals, Inc.	ProLaser III	•		
Kustom Signals, Inc.	LaserCam II	•	•	
Kustom Signals, Inc.	DTMS	•	•	•
Kustom Signals, Inc.	Pro-Lite	•		
Kustom Signals, Inc.	Pro-Lite +	•		
Laser Atlanta, LLC	SpeedLaser R	•		
Laser Atlanta, LLC	SpeedLaser S	•		
Laser Technology, Inc.	Ultralyte 100/100 LR	•		

MANUFACTURER	MODEL	LIDAR DEVICE <sup>(1)</sup>	LIDAR SYSTEM <sup>(2)</sup>
Laser Technology, Inc.	Ultralyte 200/200 LR	•	
Laser Technology, Inc.	Ultralyte LR B	•	
Laser Technology, Inc.	Ultralyte Compact	•	
Laser Technology, Inc.	Micro Digi-Cam System	•	•

**UNITS APPROVED BUT NO LONGER IN PRODUCTION:**

MANUFACTURER	MODEL	LIDAR DEVICE <sup>(1)</sup>	LIDAR SYSTEM <sup>(2)</sup>	
			MANUAL <sup>(3)</sup>	AUTOMATIC <sup>(4)</sup>
			ATTENDED <sup>(5)</sup>	UNATTENDED <sup>(6)</sup>
Kustom Signals, Inc.	ProLaser II	•		
Laser Technology, Inc.	Marksman 20/20	•		

**NOTES:**

- Lidar Device – down-the-road speed-measuring equipment which, determines target range and speed based on the time-of-flight of laser light pulses reflected off a target. Lidar device is synonymous with "laser speed-measuring device" and "lidar unit."
  - Lidar System – A lidar device that incorporates additional equipment that is used to gather, process and/or recorded images to be used as part of speed enforcement efforts.
  - Manual Mode – an operator manually aims the lidar system to track the movement of a target vehicle while the vehicle's range and speed are determined and images recorded.
  - Automatic Mode – A fixed-mounted lidar system, which automatically determines a target vehicle's range and speed and records images. This mode applies to both attended and unattended operation.
  - Attended Operation – an operator is an integral part of the evidence acquisition process.
  - Unattended Operation – an operator is not an integral part of the evidence acquisition process.
- Some of the models listed on the CPL may have operational features that are not a part of the model minimum performance specifications. It is important to understand that these features have not been tested or certified, even though the device itself has been certified to meet the model minimum performance specifications.
- CPL certification for any individual lidar device will be voided by any third party modifications not specifically approved by the original equipment manufacturer and the IACP.
- Test results and analysis contained herein do not represent product endorsement by the IACP nor product approval or endorsement by the National Highway Traffic Safety Administration, the U.S. Department of Transportation, the National Institute of Standards and Technology, or the U.S. Department of Commerce.

## SpeedLaser<sup>®</sup> S & SpeedLaser<sup>®</sup> R LIDAR Systems

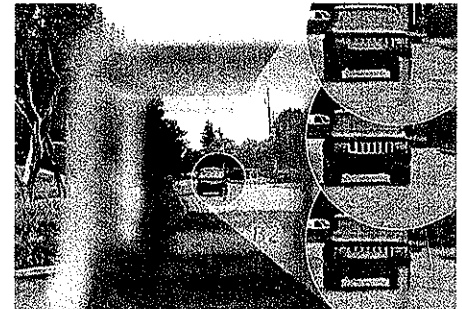
Same Great SpeedLaser Technology and Performance in either the SpeedLaser S or SpeedLaser R LIDAR units.



### Leave Limitations Behind

Jammers, detectors, rainy weather and busy highways are no match for the superior performance of the SpeedLaser system. Independent testing found SpeedLaser technology best in class for:

- Readings even when vehicle uses a jammer
- Accuracy in inclement weather
- Measurement distance of oncoming or receding traffic
- Obstruction mode used when monitoring traffic through the police vehicle windshield



Head-up display options for crosshair, aiming dot or combined shows exactly which car is targeted and its speed

- IACP listed LIDAR system
- User-selectable menu language from English to Spanish, French, or Portuguese
- Simple to use, plain language menu
- Captures speed in 0.3 seconds
- Keep an eye on the road and your target with speed readings displayed in the head-up display
- Head-up display targeting options: crosshair, aiming dot or both
- Memory slot option for on-board data storage
- 8X Monocular Scope available
- **New:** 9 Volt Battery Handle
- **New:** Bluetooth Technology now available.
- SpeedLaser S is smaller and lighter
- SpeedLaser R has ruggedized construction and the best warranty available; even covers accidental damage\*
- Convert one model to the other (special RMA).
- **New:** Jammer Detection with type indicator
- **Obstructed Mode:** Shoot through rain, snow, windows, etc

### Citations That Stick

The head-up display with crosshair and/or aiming dot sights shows precisely which vehicle is targeted. When a car is targeted, squeeze the trigger and in 0.3 seconds a beep sounds confirming the acquisition and displaying the vehicle's speed in the head-up display and on the LCD screen, along with the distance the vehicle was from the officer. No guesswork about which car was clocked, fast measurement speeds and able to measure from long distances so the officer can pull out safely and stop the speeding vehicle - three reasons citations stick with Laser Atlanta's SpeedLaser technology.

### Independent Test-Proven Performance

In recent testing, SpeedLaser technology was proven to get speed measurements on vehicles farther away than any other system. Jammers and detectors also failed in preventing a speed reading because of Laser Atlanta's Stealth mode. And in inclement weather mode, Laser Atlanta tested best. No matter your conditions, the SpeedLaser delivers superior results.

The IACP-listed SpeedLaser solution is tested to perform under the most difficult conditions: snow/rain, stealth and obstruction modes



\* Accidental droppage does not include habitual droppage or droppage which causes damage to the housing.

Measurement Systems for Professionals

## SpeedLaser® Specifications

Certifications:	International, U.S. and European standards (IACP, CE), Listed on IACP consumer products list
<b>SpeedLaser S</b>	
Dimensions:	w3.8 x h7.3 x d6.4 in (w9.6 x h18.5 x d16.2 cm)
Weight:	3.4 pounds with 9v battery (1.5kg)
<b>SpeedLaser R</b>	
Dimensions:	w4.5 x h7.5 x l8.4 in (w11.5 x h19.0 x l21.5 cm)
Weight:	4.2 pounds with 9v battery (1.9kg)
Operating temperature:	-22°F to 140°F (-30°C to 60°C)
Environmental:	Water and dust resistant IP56 & NEMA5
Head-up display:	LED aiming sights and 1 line x 4 character LED
Rear panel display:	4 line x 20 character LCD
Keyboard:	Membrane keypad
Light source:	Semiconductor pulsed laser 904nm
Laser:	FDA Class 1 eye-safe (21 CFR 1040)
Divergence:	3 mrad (30cm/100m)
Measurement time:	0.3 seconds minimum
Distance range:	Up To 7000 feet (2,133 m)
Speed range:	10mph to 200mph (16km/h to 320km/h) custom settings avail
Speed accuracy:	one unit of measure
Distance accuracy:	+/- 0.50 feet ( 15.2 cm) 3 sigma +/- 0.25 feet ( 7.6 cm) 1 sigma
Resolution/ Increment:	0.1 MPH or KPH
Data options:	Optional Memory slot Memory card/USB RS-232 serial port
Power source:	Rechargeable battery handles, Nickel Metal Hydride (NiMH) up to 24 hours battery life with normal use.
Recharge time:	Standard: 8-10 hours Smart charger: 2 hours for 2 battery handles

## SpeedLaser S System Description

The Laser Atlanta SpeedLaser S LIDAR system with GE Lexan ABS alloy housing incorporates head-up display sights. The head-up display LED shows the speed measurement and targeting sight that is user-selectable for crosshair, aiming dot or combined display.

The rear LCD screen also displays the speed measurement and indicates the distance from the target and whether the vehicle was oncoming or receding. The LCD screen presents a plain-language system menu in one of four user-selectable languages. Able to factory set to display speeds in either miles or kilometers.

Specialty detection modes include inclement weather, Stealth, stop-watch and obstructed view. Power sources include one rechargeable nickel metal hydride tripod battery handle and two battery charging cords. The LIDAR unit is covered under warranty for one year.

## SpeedLaser R System Description

Laser Atlanta SpeedLaser R LIDAR system is built to be rugged, having a GE Lexan ABS alloy housing constructed with space between outer case and inner components for shock resistance. Rubber bumpers guard against damage if dropped.

The head-up display LED shows the speed measurement and targeting sight that is user-selectable for crosshair, aiming dot or combined display. The rear LCD screen also displays the speed measurement, indicates the distance from the target and whether the vehicle was oncoming or receding. The LCD screen presents a plain-language system menu in one of four user-selectable languages. Able to display speeds in either miles or kilometers as set in the factory.

Specialty detection modes include inclement weather, Stealth, stop-watch and obstructed view. Power is supplied by rechargeable nickel metal hydride battery handle with 120VAC wall and 12VDC coiled cigarette plug charging cords. Durable softside carrying case and user manual included in packages.

Future software updates are at no charge. The R unit includes a one-year warranty that even covers damage if unit is accidentally dropped\*!

\* Accidental Droppage Does not include habitual dropping or droppage which causes damage to the housing.

### Suggested Packages:

#### SpeedLaser S Base Package

Part Number: 1S00  
Package Includes: SpeedLaser S, (1) NiMH Rechargeable Battery Handle, 120VAC or 90-250V Battery Charger, 10' Coiled Power Cord, Soft Carrying Case, 1 Year Warranty and Users Manual

#### SpeedLaser R Base Package

Part Number: 1R00  
Package Includes: SpeedLaser R, (1) NiMH Rechargeable Battery Handle, 120VAC or 90-250V Battery Charger, 10' Coiled Power Cord, Soft Carrying Case, 1 Year Warranty and Users Manual

### Options & Accessories

#### Battery Handle - Rechargeable

Part Number: 5HT0

#### 9V Battery Handle

Part Number: 5H90

#### 10' Coiled Power Cord

Part Number: 5BMD

#### 8x Monocular Scope

Part Number: Speed R - 5MR0, Speed S - 5MS0

#### Smart Charging Battery Station

Part Number: 5CSO Office or patrol vehicle use.

#### Hardshell Case

Part Number: 5PP0

#### Annual Calibration Certification

Part Number: SOAS

#### Extra 1-Year Warranty

Part Number: PEAW

#### Add BLUETOOTH

Part Number: ASB0

#### Video Camera Installation Option

Part Number: 5RVO

### Custom configurations available

### Call for information

### Advantage™ Mapping Available

## Laser Atlanta, LLC

6090-E Northbelt Parkway

Norcross, GA 30071 USA

phone: (770) 446-3866

fax: (770) 840-0462

e-mail: sales@LaserAtlanta.com

www.SpeedLaser.com



# AFFIDAVIT

**West Virginia Code §5A-3-10a states:**

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions.

"Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**EXCEPTION:**

The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**LICENSING:**

The vendor must be licensed in accordance with any and all state requirements to do business with the state of West Virginia.

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: LASER ATLANTA LLC

Authorized Signature:  Date: OCTOBER 31, 2006