

Federal Fiscal Year: 2022 DUE DATE: March 12, 2021

Grant application decisions are reviewed and decided upon by GOHS and include consideration of the following: analysis of crash data, need for the project, past performance with highway safety grants (if applicable), and Federal funding availability. Please contact the Arizona Governor's Office of Highway Safety at (602) 255-3216 if you need assistance with this application.

SECTION A: Agency Application Information

Agency: Agency Name: Apache Junction Police Department

Address: 1001 North Idaho Road

City, State, Zip: Apache Junction, Arizona 85119

Fax: (480) 474-5480 Phone: (480) 982-8260

Governmental Unit:Governmental Name:City of Apache Junction(City, Town, County)Mgr/Supvr Title & Name:Bryant Powell, City Manager

Address: 300 East Superstition Blvd

City, State, Zip: Apache Junction, Arizona 85119

Project Director: Chief/Sheriff Title & Name: Thomas E. Kelly, Chief of Police

Address: 300 East Superstition Blvd

City, State, Zip: Apache Junction, Arizona 85119

Phone: (480) 474-5466

Email: tkelly@apachejunctionaz.gov

Project Admin: Title & Name: Janine Shablow, Sr. Admin Asst to Chief of Police

Address: 300 East Superstition Blvd

City, State, Zip: Apache Junction, Arizona 85119

Phone: (480) 474-5468

Email: jshablow@apachejunctionaz.gov

Financial Contact: Title & Name: Leslie DeReche, Finance Director

Address: 300 East Superstition Blvd

City, State, Zip: Apache Junction, Arizona 85119

Phone: (480) 474-5451

Email: Idereche@apachejunctionaz.gov

Please attach a cover letter addressed to the Director of the Governor's Office of Highway Safety on agency letterhead. This cover letter <u>must be signed</u> by a representative of your agency authorized to commit your agency to conduct the grant should it be approved for funding.



SECTION B-1: Agency Overview – LAW ENFORCEMENT PROJECTS

Fill in the information and statistics in this section for your jurisdiction.

Project Title: Apache Junction Police Department Traffic Safety

Project Description: (1 or 2 paragraphs, brief overview)

The Apache Junction Police Department seeks funding for two (2) ProLaser 4 bundle Lidar radar machines with "follow too close" mode and overtime for patrol and traffic safety enforcement to continue in pro-active efforts in addressing traffic safety concerns to reduce vehicle collisions and injuries in keeping our roadways safe.

Number of sworn officers: 66

Total Population in your city/town or county: 42,000

Total Road Mileage: Highway 7 Local 186 Total 193

Crash Data: Include all data for your jurisdiction, not crashes only worked by your agency.

	2019	2018	2017
Total Crashes	801	739	758
Total Injury Crashes	186	145	159
Total Fatal Crashes	0	5	6
Total Impaired-related Crashes	23	19	17
Total Impaired-related Serious Injuries	11	4	6
Total Impaired-related Fatalities	0	0	0
Total Speed-related Crashes	93	113	133
Total Speed-related Serious Injuries	12	9	34
Total Speed-related Fatalities	0	0	0

The data above represents:	County	City/Town	1
The data above represents.	country	City/ Towin	A



SECTION B-1: Agency Overview (Continued) – LAW ENFORCEMENT PROJECTS

Enforcement Data: Fill in the information and statistics below for your jurisdiction.

	2020	2019	2018
Total Contacts (Traffic Stops)	5919	5224	6918
Total Sober Designated Drivers Contacted	=	z-	-
Total Know Your Limit Contacts	-	1-	-
TOTAL DUI ARRESTS	202	187	163
Total DUI Aggravated	38	28	28
Total DUI Misdemeanor	164	159	135
Total DUI Extreme (.15 or Above)	-	-	-
Under 21 DUI Citations	12		5
Average BAC	**	=	<u>a</u>
Minor Consumption / Possession Citations	1	2	4
Total DUI Drug Arrests	89	=	20
30-Day Vehicle Impounds	125	199	466
Seat Belt Citations	64	109	20
Child Restraint Citations	2	-	9
Criminal Speed Citations	39	42	38
Reckless Driving Citations	11	11	5
Civil Speed Citations	730	810	919
Other Citations (except speed)	2251	2411	2751
Other Arrests	1715	1526	577
Participating Officer/Deputies (Cumulative)	119	109	205



SECTION B-2: Problem Identification

Provide a narrative of the highway safety problem in your community/jurisdiction. Describe the nature and magnitude of the problem using valid, up-to-date statistical data. Identify which program area(s) have the greatest need, (i.e., impaired driving, occupant protection, speeding and aggressive driving, pedestrian safety, etc.). Indicate what is happening, when it is happening, where it is happening, and the contributing factors.

The City of Apache Junction is a small suburban community just east of the Phoenix Metropolitan area. The city has an estimated population of over 42,000 with an additional 20,000-30,000 seasonal residents. Apache Junction's north and eastern sectors have many dirt roadways where residents have a desire for no light pollution. This rural environment exacerbates conditions for unsafe driving while providing the illusion to impaired drivers the area is free of enforcement. There are 186 paved road miles within the city limits and 18 signalized intersections operated and maintained by the city. In addition, there are approximately 4.5 miles of US60 and 5.5 miles of SR88 within the city limits.

Within the past three years, the Ironwood Corridor has required much manpower to address the vehicle collisions and complaints. In 2017, the city had 78,060 vehicles going through the intersection of Baseline and Ironwood Drive. In 2020, there were 94,788. The he increase of 16,728 vehicles was in this one intersection. Another busy intersection is Ironwood Drive and Apache Trail. In 2017, there were 42,797 vehicles and in 2020, 72,652 vehicles an increase of 29,855 for this intersection. The city is on the threshold of development for the land south of Baseline, an additional 6,700 to 8,000 acres. With this land, there will be additional streets with traffic which will further increase public safety problems.

Although the total number of traffic stops deceased between 2018 and 2020 which was impacted by COVID-19, there were 24% more DUI arrests and the number of reckless driving citations doubled. The department had a 5% increase in total crashes from 758 in 2017 to 795 in 2019, averaging 66 collisions per month. Our findings conclude citations are contributed to distracted and aggressive driving. With the funding and on-going support from the Governor's Office of Highway Safety Program, the AJPD will increase traffic enforcement resulting in improved safety, increased proactive patrols, and decrease collisions by seeking out aggressive and or distracted drivers.



SECTION C: Goals and Objectives – Police Traffic Services

Based on your problem identification stated in Section B-2, fill in the blanks for each agency Goal and Contract Objective outlined below.

Agency Goals:

To decrease the number of speeding-related crashes 5 % from 144 in calendar year 2020 to 137 by December 31, 2022.

To decrease the number of serious injuries in speeding-related crashes 20 % from 5 in calendar year 2020 to 4 by December 31, 2022.

To decrease the number of fatalities in speeding-related crashes 100 % from 2 in calendar year 2020 to 0 by December 31, 2022.

Contract Objectives:

To increase the number of speeding and aggressive driving citations $\,^2$ % from $\,^{780}$ in FFY 2020 to $\,^{796}$ during FFY 2022.

Conduct targeted speed enforcement efforts a minimum of 4 times per month during FFY 2022.

Additional Contract Objectives:

In addition to the required goals and objectives, create two additional contract objectives that your Agency can achieve by the end of FFY 2022.

- 1. Continue to be highly visible during high peak traffic times (0600 hours 0800 hours, 1100 hours 1300 hours, 1700 hours 1900 hours) to reduce serious vehicle collisions.
- 2. Work school zones during drop-off and pick-up hours to reduce car/pedestrian and other collision within school areas by 5%.



SECTION D: Project Strategies and Activities (Method of Procedure)

In the spaces below, list or describe specific planned activities that your agency will perform in order to achieve their project objectives on a quarterly basis. Activities should describe what will be done, who will do it, and when it will take place. Objectives and subsequent activities in your project should follow the SMART method:

S = Specific

M = Measurable

A = Action-Oriented

R = Realistic

T = Time-Framed

1st Quarter: 10/01/2021 - 12/31/2021

Estimated 1st Quarter Expenditures: \$ 10,000

Complete the competitive procurement process and obtain delivery of two (2) lidar machines by December 31, 2021.

Initiate and conduct targeted speed enforcement efforts near school zones, recreational areas, downtown, along major arterial roadways, residential areas and the Ironwood Corridor.

Speed saturation enforcement patrol - one per month at each of the four participating schools during the school year. Saturation patrols include an increase of visible presence of patrol officers seeking speeders, aggressive and distracted drivers in and around school zones and other areas around the City of Apache Junction.

2nd Quarter: 01/01/2022 - 03/31/2022

Estimated 2nd Quarter Expenditures: \$ 4,550

Initiate and conduct targeted speed enforcement efforts near school zones, recreational areas, downtown, along major arterial roadways, residential areas and the Ironwood Corridor.

Speed saturation enforcement patrol - one per month at each of the four participating schools during the school year. Saturation patrols include an increase of visible presence of patrol officers seeking speeders, aggressive and distracted drivers in and around school zones and other areas around the City of Apache Junction.

Targeted speed enforcement efforts on the Ironwood Corridor and other areas in the City of Apache Junction will increase the presence of patrol officers and sign board usage.



SECTION D: Project Strategies and Activities (Continued)

3rd Quarter: 04/01/2022 - 06/30/2022

Estimated 3rd Quarter Expenditures: \$4,550

Initiate and conduct targeted speed enforcement efforts near school zones, recreational areas, downtown, along major arterial roadways, residential areas and the Ironwood Corridor.

Speed saturation enforcement patrol - one per month at each of the four participating schools during the school year. Saturation patrols include an increase of visible presence of patrol officers seeking speeders, aggressive and distracted drivers in and around school zones and other areas around the City of Apache Junction.

Targeted speed enforcement efforts on the Ironwood Corridor and other areas in the City of Apache Junction will increase the presence of patrol officers and sign board usage.

4th Quarter: 07/01/2022 - 09/30/2022

Estimated 4th Quarter Expenditures: \$4,550

Initiate and conduct targeted speed enforcement efforts near school zones, recreational areas, downtown, along major arterial roadways, residential areas and the Ironwood Corridor.

Speed saturation enforcement patrol - one per month at each of the four participating schools during the school year. Saturation patrols include an increase of visible presence of patrol officers seeking speeders, aggressive and distracted drivers in and around school zones and other areas around the City of Apache Junction.

Targeted speed enforcement efforts on the Ironwood Corridor and other areas in the City of Apache Junction will increase the presence of patrol officers and sign board usage.



SECTION E: Detailed Project Budget

Please fill in the budget category that relates to your agency's project proposal. Please note that GOHS only grants overtime projects at a maximum employee related expense (ERE) rate of 40%.

Personnel Services

Description:

The Apache Junction Police Department is seeking funding for overtime pay to existing officers to participate in speed enforcement patrols to support GOHS mission and our attempts to remain proactive in addressing traffic related concerns.

There will be four patrols each month at the four participating schools, and additional saturation patrol when school is not in session, resulting in 48 patrols.

Personnel Services:

Employee Related Expenses:

Description	Requested Amount	Overtime Amount	ERE Amount	ERE %
overtime	18,200	13,000	5,200	40.00%
	-			0.00%
				0.00%
				0.00%
			10	0.00%

Total:

\$ 18,200

\$ 13,000

\$ 5,200



Professional & Ou	tolde belvices
Description:	
not applicable	
Professional & Outside Services:	
Professional & Outside Services: Description	Requested Amount
	Requested Amount

Total:



Travel In-state & Out-of-State

	III-Sta
Description:	
not applicable	

Travel:

Description	Transport	Lodging	Per Diem	Misc.	Amount
					- 9

Total:



Materials & Supplies

Description:

Two (2) ProLaser 4 Lidar with following too close mode. The new technology "following too close", will help officers in articulating and documenting citations to aid in traffic convictions for those opposing citations and help our officers in continuing to combat aggressive drivers.

Materials & Supplies: Designated for items with a per unit cost less than \$5,000.00.

Description	Quantity	Price Per Unit	Tax	Shipping	Amount
ProLaser 4 Lidar w/following too close mode	2	2,452	470	76	5,450
		4			

Total: \$ 5,450



Description:

not applicable

ARIZONA GOVERNOR'S OFFICE OF HIGHWAY SAFETY Grant Application for Law Enforcement Projects

Capital Outlay

Capital Outlay: Designated for any equipment with a perun Materials & Supplies. NOTE: It is the Agency's responsibility to confirm the equipment of the sequipment of the seq					be placed
manufacturer may be required. Description	Quantity	Price Per Unit	Tax	Shipping	Amount
				Total:	



Total Estimated Costs

Description	Requested Amount
Personnel Services	\$ 13,000
Employee Related Expenses	\$ 5,200
Professional & Outside Services	\$ 0
Travel	\$ 0
Materials & Supplies	\$ 5,450
Capital Outlay	\$ 0
Total:	\$ 23,650

ERE: 40.00%

SECTION F: Additional Proposal Information

If there is any additional information that your agency would like to attach to their proposal, please include a PDF attachment with your proposal. Additional information may include: pictures, invoice estimates, City/Town/County resolutions, additional enforcement information, etc.

Quotation

Page 1 of 2

KUSTOM SIGNALS, INC. 9652 Loiret Blvd, Lenexa, KS 66219-2406 913-492-1400 Fax 913-492-1703 sales@kustomsignals.com vww.kustomsignals.com

Date 03/09/2021

То... TOM PARKER

APACHE JUNCTION POLICE DEPARTMENT

300 EAST SUPERSTITION BLVD **APACHE JUNCTION AZ 85119**

Quote #

-433992011359PC

Terms

Per Approved Terms

This Quote Expires on

06/07/2021

Phone 480-982-8260 <u>Fax</u> 480-983-6532

<u>Otv</u>	Product Description ***AZ Participating Agreement No. CTR043213*** (Shipping included)	<u>UnitPrice</u>	<u>SubTotal</u>
2	ProLaser 4 bundle includes a Hogue grip, 8 AA rechargeable batteries with charger (4 of which are spares), USB to PC interface cable, 12 VDC to USB adapter, hard carry case.	\$2,452.00	\$4,904.00
2	Following Too Close upgrade (Included in above price)	\$0.00	\$0.00
2	9.6% Sales Tax	\$235.00	\$470.00
2	SHIPPING & HANDLING COSTS	\$38.00	\$76.00

Total \$5,450.00

Signature

Churk Romy

* Applicable Sales Tax Not Included. Seller may charge Buyer a 25% restocking fee.

KUSTOM SIGNALS, INC. TERMS AND CONDITIONS

- 1. APPLICABILITY. Unless otherwise specified in a written bid, quote or contract, the following terms and conditions shall apply.
- 2. PRICES AND TAXES. Prices will be Kustom Signals, Inc.'s ("Seller") prices in effect on the date a purchase order is accepted by Seller, and Seller may change its prices at any time, in its sole discretion. All prices will be F.O.B. Chanute, Kansas, and net of any duties, sales, use or similar taxes, fees or assessments, and do not include shipping, packaging or any insurance costs, all of which are Buyer's responsibility.
- 3. PAYMENT. Unless otherwise provided on the face of the invoice, payment is to be paid in US dollars and in accordance with the Seller approved terms for Buyer. Partial payments are not permitted unless authorized in writing. Partial payments will be treated as non-payment. Each invoice is independent from shipping sequence and disputes relating to other invoices. Failure to pay an invoice within 30 days will be considered a default.
- 4. **DELIVERY AND PERFORM ANCE.** Delivery dates are approximate. Seller dis claims all liability for late or partial delivery. Seller may deliver in such lots and at such times as is convenient for Seller.
- 5. LOSS IN TRANSIT. Risk of loss will pass to Buyer upon delivery of the goods to the carrier. In case of breakage or loss in transit, Buyer will have notation of same made on expense bill before paying freight. Seller may reject claims for shortages not made within 15 days of Buyer's receipt of the goods.
- 6. TERM INATION, RESTOCKING CHARGES. Buyermay terminate this purchase order for its convenience, in whole or in part, by written, faxed or telegraphic notice at any time. If Buyer terminates this purchase order for convenience, Buyer will be liable to Seller for Seller's reasonable costs incurred in the performance of this purchase e order that Seller cannot mitigate. Unless otherwise agreed upon in advance in writing by Seller, Seller may charge Buyer a 25% restocking fee, if; (a) upon approval by Seller, the Buyer returns any non-defective goods covered by this invoice; or (b) prior to shipment, but after the goods are produced by Seller, Buyer cancels the order for the subject goods.
- $\begin{tabular}{lll} {\bf 7.} & {\bf WARRANTY.} & {\bf Seller's} & {\bf warranty} & {\bf is} & {\bf provided} \\ {\bf separately.} & & \\ \end{tabular}$
- 8. LIMITATION OF LIABILITY. SELLER IS NOT LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES, OR ANY LOST PROFITS OR LOST SAVINGS, EVEN IF A SELLER REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSS, DAMAGES, CLAIMS OR COSTS, NOR IS SELLER LIABLE FOR ANY CLAIM BY ANY THIRD PARTY. SELLER'S AGGREGATE LIABILITY UNDER OR IN CONNECTION WITH THIS PURCHASE ORDER IS LIMITED TO THE AMOUNT PAID FOR THE GOODS.

- 9. INDEMNIFICATION. Buyer will indemnify, defend and hold Seller harmless from all losses, damages, liabilities and costs, including attorneys' fees, incurred or sustained by Seller as a result of any third party claim made against Seller, including a claim by a customer of Buyer, arising from its negligent, reckless, willful, or intentional actions in marketing and reselling the goods.
- 10. EXPORT RULES. Exports and re-exports of the goods may be subject to United States export controls and sanctions administered by the U.S. Department of Commerce Bureau of Industry and Security under its Export Administration Regulations ("EAR"). Buyer shall comply with all laws, rules and regulations applicable to the export or re-export of goods including but not limited to EAR which includes, among other things, screening potential transactions against the U.S. Government's (i) list of prohibited end users, and (ii) list of prohibited countries. Buyer represents and warrants that (i) it has not been charged with, convicted of, or penalized for, any violation of EAR or any statute referenced in EAR \$766.25, and (ii) it has not been notified by any government official of competent authority that it is under investigation for any violation of EAR or any statute referenced in EAR \$766.25.
- MISCELLANEOUS. These terms and conditions, together with any other written agreement between Buyer and Seller, if any: (i) are the exclusive statements of the parties wit h respect to the subject matter and supersedes any prior or contemporaneous communications; (ii) may not be amended except in writing executed by the parties and will prevail in any case where the terms of Buyer's purchase order or other communication are inconsistent; (iii) will be interpreted and enforced in accordance with the laws of the State of Kansas, without giving effect to principles of conflicts of law. These terms and conditions are: (1) solely for the benefit of the parties, and no provision of these terms and conditions will be deemed to confer upon any other person any remedy, claim, liability, reimbursement, cause of action or other right. Each party consents to the exclusive personal jurisdiction of the state and federal courts located in the State of Kansas for purposes of any suit, action or other proceeding arising out of this Agreement, waives any argument that venue in any such forum is not convenient and agrees that the venue of any litigation initiated by either of them in connection with this Agreement will be in either the District Court of Johnson County, Kansas, or the United States District Court, District of Kansas. If any provision of these terms and conditions is unenforceable, the remaining provisions will remain in effect. No waiver (whether by course of dealing or otherwise) is effective unless it is made in writing and signed by the party to be charged with such waiver. Unless otherwise specified in writing, notices must be given in writing by registered or certified mail, re turn receipt requested, addressed to:

Kustom Signals, Inc. Attn: Sales Dept. 9652 Loiret Lenexa, KS 66219



Prolaser[®]L_I Traffic Safety LIDAR





Superior Operation

- Increased targeting range
- Fast acquisition time so you don't miss
- Improved operation through glass
- Certification management upgrade with operational lockout upon expiration

Event Data Logging

- Multiple Event Recall
- High capacity internal memory
- Easy export to spreadsheet
- Display lock
- New TrafficTrak speed survey

Easy to Read Displays

- Highly intuitive & customizable user interface
- 4 selectable aiming reticles
- Multiple language support
 TimeTrak™ HUD tracking indicator (option)
- Count-up timer (option)
- Stopwatch or Following Too Close (option)

Superior Ergonomics

- IForward swept handle optimizes target tracking
- 30% lighter than traditional LIDAR
- Ruggedized pistol handle with Hogue® grip

Superior targeting

Versatile Power Options • 4 x AA Batteries (alkaline or rechargeable)

- 12 VDC in-car adaptor
- USB powered for use (from PC or car)









Following too close



Events log



handle (option)

No lost measurements

3 year warranty*

*For USA only, International configurations may vary. Please contact your Account Manager for details,

Prolaser[®]LJ# Traffic Safety LIDAR

Specifications

Laser wavelength:

904 nm +/- 10 nm

Speed accuracy:

+1/-2 mph (+1/-2 km/h, +1/-2 knots)

with truncation

Speed range:

Target range:

10 - 200 mph (16 - 320 km/h, 8 - 174 knots)

0 minimum speed optional 10 - 8,000 ft (3 - 2,400 m)

Range accuracy:

 ± 6 inches (± 15 cm)

Display resolution: Acquisition time:

0.1 ft (0.1 m)

Laser beamwidth:

0.3 seconds (on qualified targets) 1 mR horizontal/2.67 mR vertical CDRH/FDA Class 1 or 1M IEC60825-1

Eve safety: Battery life:

25+ hours (typical)

Operating temp:

-22°F to 140°F (-30°c to 60°c)

Power input:

4 x AA batteries USB type B

12 VDC adaptor

I/O data port:

USB with high retention connector

Bluetooth

Profile (H x W x L):

Optional 9.8" x 4.3" x 6.3" (25 cm x 11 cm x 16 cm)

Weight (inc. batteries): 2.5 lbs (1.1 kg)

IP67 water and dust proof

NHTSA Conforming Product List



ProLaser 4 Package includes

Hogue[™] Cobblestone over-sleeve grip

Battery charger

8 AA NiMh rechargeable batteries *

• USB cable and 12 VDC adapter

Lorem ir

• 3 year warranty *

Hard carry case

Construction & Environmental

Rugged, high-impact polycarbonate handle

Aluminium housing with rubber bumpers

Poor weather and obstruction mode

Accessories

Tripod

• Lockable motorcycle holsters

Shoulder stock

• Bluetooth® handle and hip printer

Saddlebag sleeve padded soft case

• 3x HUD magnification

Online operator training

• TrafficTrak with Andoid tablet



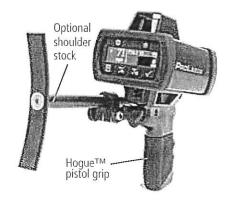
IP67 Water proof



4 AA batteries



Wireless hip printer



Factory Selectable Options

Feature Description

Factory Selectable Options

(Patent Pending)

Tamper Detection -

Following Too Close Mode Following Too Close or Stopwatch mode

Recall Events Menu (included) — Disable Event Recall Menu and target measurement storage OR Collect all target measurements and view on rear display (default) OR

Recall Marked Events and save select measurements

TimeTrak™ ----Count-up timer ----

Programmable HUD indicator for elapsed tracking history timer

Elapsed time since target speed measured (rear display)

Units of Measure Menu ----Disable Units Menu - ships with single selected unit of measure (default)

includes mph, kph, knots, or fps OR

Units menu - selected units of measure - mph/kph; mph/knots;

kph/knots or mph/fps

Certification Management & Lockout - Programmable certification date reminder (default) OR

Lock-out if certification has expired Electronic tamper detection available

*For USA only, International configurations may vary. Please contact your Account Manager for details.



TimeTrak™



Count-up timer



TrafficTrak™ Wireless Traffic Surveys

TrafficTrak is an Android application that enables a user to quickly measure vehicles with a ProLaser 4, wirelessly collect, review, and share traffic data



Enter survey parameters including location description and survey size

Measure targets with ProLaser 4 and

monitor survey progress on the tablet

Attach photos & GPS coordinates to survey

08-13-4 Lerena John	1455
Survey Count	100
Average Speed	75.42
85th Percentile	80
Over Limit	88
Over +5	50
50th Percentile	75
Std Deviation	3.87
Ten Mile Pace	73-82
In Pace (%)	78.78
	A Tr

Review surveys in TrafficTrak and send reports automatically!

