Memo

To: Village Board

From: Charlie Verhoeven, Code Enforcement Officer/DEO Vogel

Re: Request to Purchase Portable Speed Detection and Display Device

Proposal to the Allouez Board of Trustees to authorize purchase of portable speed detection and display device for use at various locations in the Village of Allouez

Each school day hundreds of children are safely crossed at eight busy intersections on their way to and from school.

Although the Adult School Guards do a terrific job, they all have reported a number of close calls that could have ended in tragedy. Speeding cars and distracted driving on the rush to work have often resulted in Crossing Guards having to blow whistles, wave stop signs and in some extreme instances step out into traffic to slow or halt oncoming cars.

A variety of devices can and are used to alert drivers to the presence of children at school crossings. Traffic cones, signage and reflective clothing are effective, especially at first. All of these items are currently being used.

Alert, experienced crossing guards are also essential to keeping our children safe... Allouez has some of the most experienced and dedicated guards around. They do their job in all types of weather, enduring split shifts and dangerous traffic every day.

To help our dedicated guards do their job, we propose the purchase of a portable speed detection device and display to be shared at all school crossings.

Flashing speed detectors are very effective at slowing traffic down to the speed limit, and increasing driver awareness. There is currently one, purchased by St Matthews Parish and

installed at the Webster, St Matthews St. crossing. Observations at this crossing has shown that it has helped increase the safety of that crossing.

Designated Enforcement Officer Vogel is familiar with these devices and believes that a portable speed display device would be most effective if it is used for several weeks at each crossing. When drivers see their speed displayed in flashing numbers on the way to work in an area that does not normally have a flashing sign they automatically become more aware of their surroundings. After a few weeks the signs begins to lose its effect, as drivers become acclimated to its presence. The sign would then be moved to a different location or school crossing.

In addition to the school crossings the display could be used in other problem areas of the Village. Citizen complaints for speeding on various streets are common in the Village. This speed board display would be a great tool to assist deputies in combating these complaints and slowing down traffic to increase the safety of our streets. The Traffic Statistic Package would be used in compiling data on actual speeds in different areas. These documented statistics could then be shared with concerned citizens and groups to assist in the enforcement process. The use of this data may also assist Deputies at times to help alleviate some citizen concerns.

Costs and particulars are attached to this request. .The recommended model, (On Site 300MX, matrix speed trailer) costs $7,125.00. I believe that of that cost approximately $4000.00 of the code enforcement budget can be used this fiscal year.

Submitted by Jason Vogel, DEO and Charlie Verhoeven, CEO

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10729 Wheatlands Ave
Ste C
Santee, CA 92071
Phone: (619) 795-4600
Fax: (619) 795-8650

Quotation

Date	Page
Jun 26, 2017	1
Order Number	
QT00010491	
Quote Expiration Date	
12/23/2017	

*Different Address
2684 Development Dr.
6 B WI 54311*

Sold To:

BROWN COUNTY SHERIFF'S OFFICE
300 E WALNUT ST
GREEN BAY, WI 54301
US

Ship To:

BROWN COUNTY SHERIFF'S OFFICE
300 E WALNUT ST
GREEN BAY, WI, 54301
US

Reference	PO Number	Customer No. WIB07306	Salesperson JH	Salesperson	Order Date Jun 26, 2017	Ship Via GND	Terms NET30

Qty. Ord.	Vendor Part Number	Description	Unit Price	Extended Price
1	ONSITE 300MX / DEIW S792-OS300M-0 S792-1MW-0 S703-33.2 P701-2 TWARR 1 TWARR 2	WHITE LEDS ONSITE 300 MODULAR TRAILER ASSEMBI ONSITE MATRIX DISPLAY WITH WHITE LE K 33.2 MPH FORK TUNING FORK CASE TRAILER FRAME WARRANTY 1 YEAR MATRIX ELECTRONICS WARRANTY 2 YEA	5,250.00	5,250.00
1	P792-39R /	3 LED SURFACE MOUNT FLASHER - RED	60.00	60.00
1	P792-39B /	3 LED SURFACE MOUNT FLASHER - BLUE	60.00	60.00
1	S792-69-0 / 1 S792-69 S769-79286-0 S1051-181 P792-200	ONSITE MATRIX TIMER KIT MATRIX DISPLAY TIMER BRACKET ONSITE MATRIX TIMER CABLE ONSITE MATRIX TIMER DECAL ONSITE TRAILER TIMER MODULE	110.00	110.00
1	S792-605A-0 / 1 S792-600D P792-207 P792-208 P100-32 P792-184B S792-601A S769-79278-0	OS-300M 100W SOLAR PANEL KIT SOLAR PANEL, 100W 10mm GAS SPRING MOUNTING BALL STUI GAS SPRING W/ BALL ENDS, 120# 17.1" 6. LOAD RATED BUMPER, 5/16"-18 STUD, 1 1 SPRING LOADED DRAW LATCH, 3.25" OS300M SOLAR PANEL BRACKET OS300M SOLAR PANEL HARNESS	500.00	500.00
1	S792-625-0 / 1	EZ-STAT DATA LOGGER - COMPLETE PACKAGE	395.00	395.00

Quotation continued on next page ...

	Date	Page
	Jun 26, 2017	2
Order Number		
QT00010491		
Quote Expiration Date		
12/23/2017		

Quotation

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300 E WALNUT ST
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Reference	PO Number	Customer No.	Salesperson	Salesperson	Order Date	Ship Via	Terms
		WIB07306	JH		Jun 26, 2017	GND	NET30

Qty. Ord.	Vendor Part Number	Description	Unit Price	Extended Price
	S792-620USB-0	EZ STATS DATA LOGGER W/ USB, 3rd GEN		
	S1051-167	EZ-STAT DATA LOGGER DECAL		
	S1051-168	EZ-STAT DEI LOGO		
FRT /		FREIGHT CHARGES		750.00

Terms & Conditions:

*Estimate is valid for 60 days.
*Our Installations are backed by a lifetime quality warranty.
*Fully Authorized Master Distributor for all lines we carry. We sell it, we back it. Period.
*Financing Available
*No returns on special order items. All other returns are subject to 25% restocking fee.

Thank you for the opportunity to earn your business.

SIGNATURE _____

Comment:

Less	
Included Tax	0.00
Order Discount	0.00
Subtotal	7,125.00
Total sales tax	0.00
Total order	7,125.00

OnSite™ 300MX
Matrix Speed Trailer

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The Onsite 300MX easily allows you to display current speed, a message or a graphic triggered by the vehicle's speed. The Onsite 300MX gives unparalleled flexibility in all of your traffic calming applications

WARRANTY 2 YEARS Limited

YOUR SPEED

SPEED LIMIT 35

YOUR SPEED

Shown with optional red and blue flashers and solar panel
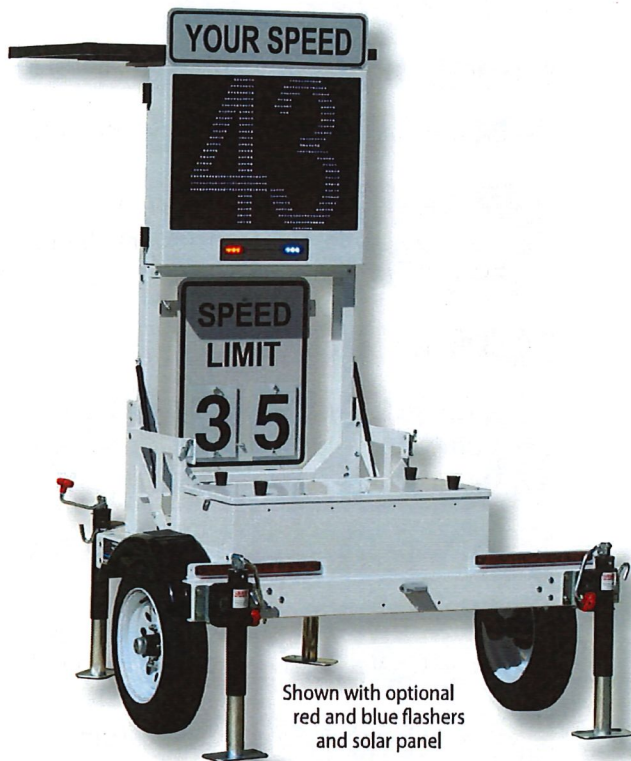
MUTCD 2009 Compliant (California MUTCD 2014 Compliant with Amber Display)

18 Preloaded Messages
SLOW DOWN, DRIVE SAFE, FINE (Amount adjustable), FINES X 2, WORK ZONE, TOO FAST, DONT TEXT, SAVE LIVES, DUST AREA, School Zone, No Fireworks, CLICK IT OR TICKET, CHECK POINT AHEAD, Reduce Speed Ahead, Road Hazard Ahead, Please Drive Safely, US SPEED LIMIT, BLANK (Nothing displayed)

14 Preloaded Graphics
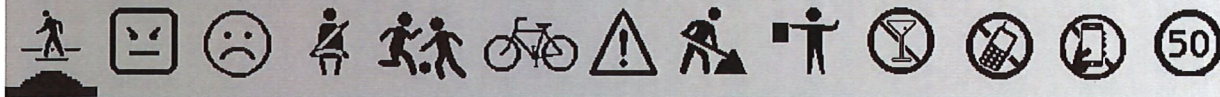
13 Preloaded Spanish Messages
NO USE EL CEL, Bajale, CUIDADO, Peligro, CUIDA TU VIDA, RETEN A 100M, RETEN A 150M, RETEN A 200M, Familia te Espera, No Tome y Maneje, Zona Escolar, respete las senales, Vas Muy Rapido

rev. 6-26-17

OnSite™ 300MX
Matrix Speed Trailer Features

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OnSite Trailer

- American Made Steel Frame Trailer

- Lightweight Aluminum Display

- Folding Speed Display For Easy Transport And Storage

- Light Duty Trailer Chassis & Removable Tongue With DEI Store-In-Place Feature

- Speed Limit Sign With Interchangeable Numbers

- Optional 100W Fold Down Solar Panel

- The Trailer Frame Is Painted High Visibility White For Maximum Motorist Safety

- Utilizes The Industry's Best Processes And Practices To Ensure That The Finish Is Durable In All Weather Conditions. Polyester Powder Coat Finish Over Epoxy Primer. UV And Graffiti Resistant

- Four 2000lb Leveling Jacks Make Leveling The Trailer Simple. Four Point Ground Contact Ensures Trailer Stability Even During High Wind Load Events

- Two 6 Volt 225AH Batteries. Also Available With An Extra Set Of Batteries Doubling Battery Capacity To 450AH

OnSite Matrix Display

- Matrix Size 64 X 48 Pixels, 25" X 19" High Intensity White or Amber LEDs

- Range Settings: Short, Medium, Long

- Brightness Settings: Low, Med, Hi, Auto

- Two Levels of Speed Based Warning Messages. Speed Event Triggers: Blank, Speed Limit, Warning 1, Warning 2

- MPH or KPH Selectable

- Text: 2 or 3 Lines, 5 ½" Tall Characters Numbers: 3 Digits, 19" Tall. Can Display Up To 199

- Eco Mode Provides Additional Run Time

- Vehicle Trigger Mode Shows Message Based On Vehicle Detection Not Speed

- 1, 2, 3 Line User Selectable Custom Messages. Seven Characters Per Line Maximum

Decatur Electronics

Radar Innovation for Over 60 Years

Decatur Electronics, Inc.
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Fax 619.795.8650
800.428.4315

Designed, Built and Supported in the USA

Limited Warranty
2 Years on Electronics
1 Year on Frame

www.DecaturElectronics.com

OnSite™ 300MX
Matrix Speed Trailer Options

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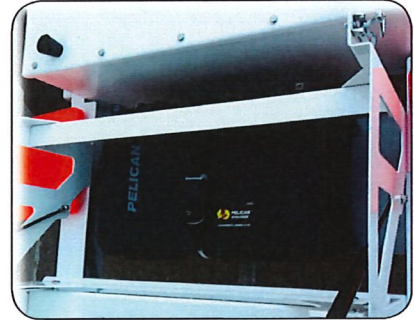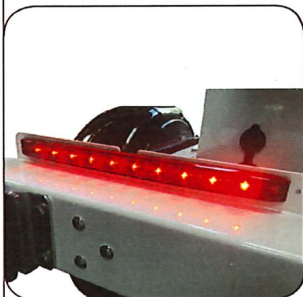
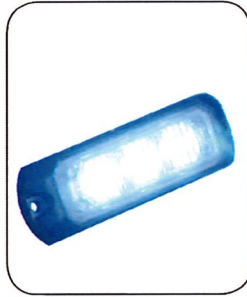S792-605A-0
100W Solar Panel Kit

S792-632C-0
Extra Battery Kit
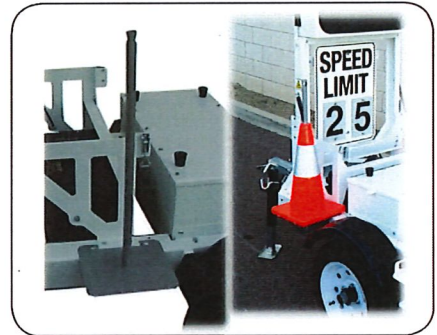
S792-607-0
Pelican Case Kit
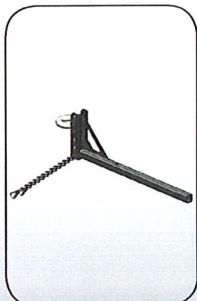
P769-79266-0
Tail Light Flasher

P792-39A, B, R or W
Amber, Blue, Red or White High
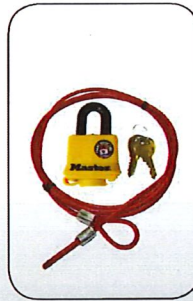Visibility LED Flasher

S792-625-0
EZ Stat Data Logger

S792-610-0
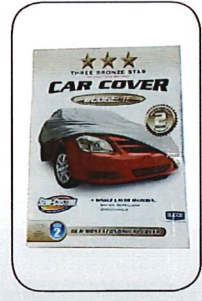Traffic Cone Holder Kit

S792-62-0
Pintle Hitch Kit

S792-69-0
Timer

P075-4 & S792-21
Padlock & Cable

S792-627M-0
Bluetooth

S792-657
Trailer Cover

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Radar

Trailers

Video

EZ Stat™
Data Logger

Traffic Statistic Package

The EZ Stat™ data logger is a product that makes speed data gathering easy while alleviating budget constraints for local police agencies. The Decatur EZ Stat™ is a serial module with a flash memory that works with the Decatur Electronics line of Genesis™ Series Radars and OnSite™ Series Trailers including the Decatur Speed Spy. Create and print easy to read traffic speed reports using the included EZ Stat™ software. Generate graphs or export the data to Excel™.
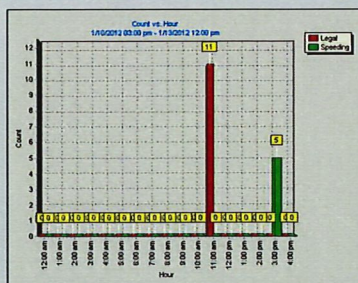
Application uses include normal traffic areas, neighborhood watch programs, closed-gate communities, school zones, and construction zones.
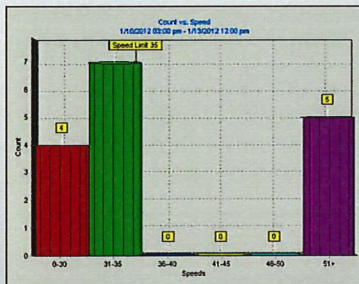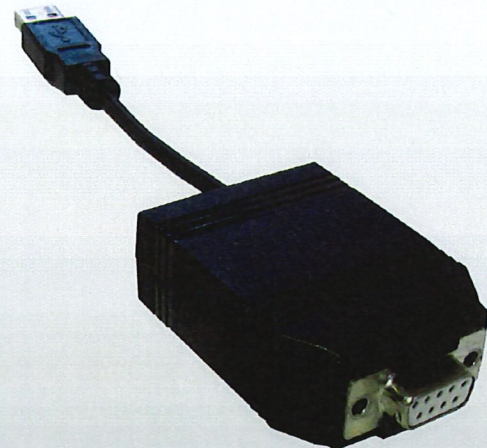

- Count vs. Speed
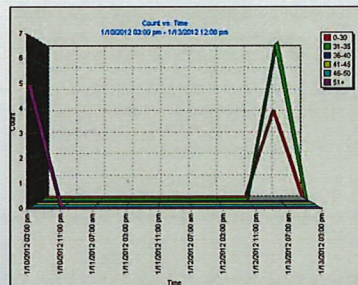
- Count vs. Time

- Count. Hour

Export data to Excel™ and build easy-to-read, presentable charts showing traffic patterns.

Decatur EZ™ Stat Module

- Size: 3/4" high x 1-1/2" wide x 2" long

- Connect directly to a USB port

- Memory: 4 megabit

- Sample Count: 130,000 samples

- Battery Backup: Lithium coin cell

- Motorola MC68 series Microprocessor

- System Requirements:
  Windows 98/2000/ME/XP/Windows 7

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