

BID TABULATION DIRECTIONAL RADAR TRAILERS

	DIRECTIONAL RADAR TRAILERS BID OPENING DATE 12-17-13	MPH INDUSTRIES INC		NU WAY CONCRETE FORMS INC		KUSTOM SIGNALS INC		K & K SYSTEMS INC		MONITOR SYSTEMS		NATIONAL SIGNAL INC		TRAFFIC CONTROL CORP	
		316 E 9TH ST OWENSBORO KY 42303		4190 HOFFMEISTER AVE ST LOUIS MO 63125		9652 LOIRET BLVD LENEXA KS 66219		687 PALMETTO RD TUPELO MS 38801		10737 COLEWOOD LN DALLAS TX 75243		2440 ARTESIA AVE FULLERTON CA 92833		PO BOX 1051 ANKENY IA 50021	
Item #	Specification	Meets Specification?		Meets Specification?		Meets Specification?		Meets Specification?		Meets Specification?		Meets Specification?		Meets Specification?	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	Construction – Steel trailer frame and fenders with aluminum display casing.		X	X		XX		X		X		X		X	
2	Paint – Graffiti resistant powder coat paint.	X			X	XX		X		X		X		X	
3	Trailer Hitch – 2” ball; removable (to be stored within the trailer when not in use).	X		X		XX		X		X		X		X	
4	Towing Lights – DOT approved rear brake, turn signals, license plate, and side markers with standard connector.	X		X		XX		X		X		X		X	
5	Axle – 2,000 lb. rated axle.	X		X		XX		X		X		X		X	
6	Power Supply – 12V DC AGM deep cycle batteries with solar assisted recharge.	X		X		XX		X		X		X		X	
7	Wheels – Aluminum wheels with spare tire and locking lug nuts.	X			X	XX			X	X			X	X	
8	Display – 18” high intensity LED display.	X		X		XX		X		X		X		X	
9	Radar – Stationary Doppler Radar unit.	X		X		XX		X			X	X		X	
10	Violator Alert – Display flashes red and blue when preset threshold is exceeded.	X		X		XX		X		X		X			X
11	Speed Sign – MUTCD compliant speed sign.	X		X		XX		X			X	X		X	
12	Display Protection – 3/16” display protection.	X		X		XX		X		X		X		X	
13	Cover – Trailer cover used to protect the trailer when not in use.	X			X	XX		X		X			X	X	
14	Access Door – Lockable and weatherproof.	X		X		XX		X		X		X		X	
15	Leveling Jacks – Retractable.	X		X		XX		X		X		X		X	
16	Axle Lock – Prevents rolling when trailer is parked on an incline.	X		X		XX		X		X		X		X	
17	Warranty – 2 year minimum warranty from the date of shipment.	X		X		XX		X		X		X		X	
		QTY	COST PER UNIT	QTY	COST PER UNIT	QTY	COST PER UNIT	QTY	COST PER UNIT	QTY	COST PER UNIT	QTY	COST PER UNIT	QTY	COST PER UNIT
		1	\$7,297.00	2	\$7,193.55	2	\$9,445.00	1	\$7,934.84	2	\$8,180.00	2	\$7,800.00	2	\$10,600.00
		SHIPPING				OPTION #1									
		TOTAL BID AMOUNT	\$7,297.00	TOTAL BID AMOUNT	\$14,387.10	TOTAL BID AMOUNT	\$18,890.00	TOTAL BID AMOUNT	\$7,934.84	TOTAL BID AMOUNT	\$16,360.00	TOTAL BID AMOUNT	\$15,600.00	TOTAL BID AMOUNT	\$21,200.00

BID TABULATION DIRECTIONAL RADAR TRAILERS

						QTY	COST PER UNIT								
						2	\$10,945.00								
						OPTION #2									
						TOTAL BID AMOUNT	\$21,890.00								
	AFFIDAVIT COMPLETED			NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	COPY OF INSURANCE PROVIDED			NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	COMMENTS:	LINE 1 - THE DISPLAY CASING IS POWDER COATED STEEL WITH GRAFFITI-RESISTANT PAINT (SEE ATTACHED)	LINE #2 - POWDER COAT IS NOT GRAFFITTI RESISANT (MANUFACTURER NOT AWARE OF ANY GRAFFITI RESISTANT COATING) LINE #7 - STEEL WHEELS NOT ALUMINUM LINE #13 - NO COVER OFFERED WITH MACHINE (SEE ATTACHED)	LINE 16 - PLEASE NOTE THAT THE TRAILERS WILL COME WITH A CLUB TIRE CLAW TO PREVENT ROLLING WHEN TRAILER IS PARKED ON AN INCLINE. NOTE THAT BOTH THE SMART 800 AND SMART 850 TRAILERS MEET ALL THE SPECIFICATIONS AS NOTED. A PRODUCT BROCHURE AND A WARRANTY STATEMENT HAVE BEEN INCLUDED WITH THE RESPONSE. (SEE ATTACHED)	LINE 7 - OUR STANDARD WHEELS ARE STEEL, IN STOCK AND READILY AVAILABLE LINE 13 - OUR UNITS DO NOT NEED A COVER. IF THE SOLAR PANELS ARE COVERED THEY WILL NOT RECHARGE THE BATTERY BANK (SEE ATTACHED)	LINE 8 - DISPLAY NUMBERS HEIGHT CAN BE USER DEFINED LINE 10 - WE SHOW A TEXT MESSAGE OF "SLOW DOWN" WHILE ALSO SHOWING THE EXCESSIVE SPEED (SEE ATTACHED)	LINE 7 - NSI WHEELS ARE SPOKE STEEL WHEELS LINE 13 - COVER NOT AVAILABLE (SEE ATTACHED)	LINE 10 - RED & BLUE LIGHTS NOT MUTCD COMPLAINT. AMBER LIGHTS AVAILABLE (SEE ATTACHED)							



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

 ORIGINAL

Invitation for Bid:

DIRECTIONAL RADAR TRAILERS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

**Specification
Contact:**

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

**Contract
Contact:**

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

**Contract Term:
UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

MPH Industries, Inc. John Broxon

Company Name	Authorized Agent (Print)		
316 East Ninth Street			
Address	Signature		
Owensboro, KY 42303	President		
City/State/Zip Code	Title		
888-689-9222	12/2/13	61-1205274	
Telephone #	Date	Tax ID #	
info@mphindustries.com	270-685-6288		
E-mail	Fax #		

Final determination of any purchase will not be exclusively on price. Factors that may be considered are price, ease of use, service, warranty, manufacturing support, and other areas determined by the agency.

Exceptions to Specifications

Bidder must provide detailed explanation for any specifications not fully met by the proposed product. Using the following format, indicate both the Item # and explanation for each exception taken.

exceptions are taken, state as such.

Exception (use additional sheets if necessary)

1 The display casing is powder coated steel with graffiti-resistant paint

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. On the left side, there is a vertical margin line, creating a narrow left margin. The paper appears to be from a notebook or a standard ruled document.

[] Mark here if any additional pages of exceptions are to be attached as part of this bid.

Bidder's Offering for directional radar trailers

John Broxon

(Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

1 (qty) units X \$ 7,297.00 each equals \$ 7,297.00 total

Total bid amount\$ 7,297.00
(if quantity discounts are offered, indicate on attachment and [] check here)

MPH Industries (manufacturer) Speed Patrol Trailer (model number)

Available Accessories (including Optional Features, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

SpeedView Traffic Computer	\$ <u>833.00</u>	each
24 Hour Timer	\$ <u>80.00</u>	each
Motion Alarm	\$ <u>145.00</u>	each
	\$	each

☒ corporation, [] partnership, [] sole proprietor, [] individual

[] manufacturer, [] distributor, [] agent, [] other

30 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: Net 30 Days Prices guaranteed for 60 calendar days

MPH Industries, Inc.

(legal name of bidder)

(DBA if appropriate)

61-1205274 (FIN or SS number) JB (signature of bidder)

John Broxon, President (printed name and title)

316 East Ninth Street (address)

Owensboro, KY 42303 (city, state, zip)

888-689-9222 (phone) 888-689-9222 (toll free) 270-685-6288 (fax)

For answers to questions regarding this bid, please contact Tyler Clark at 1-888-689-9222.

Note all Exceptions taken on previous page (if none so state)



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid: DIRECTIONAL RADAR TRAILERS Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

**Specification
Contact:**

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

**Contract
Contact:**

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

Contract Term:

UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

Ny Way JOE W. BARNHART
Company Name Authorized Agent (Print)
4190 HOFFMEISTER [Signature]
Address Signature
St Louis, Mo 63125 B.M.E.A.
City/State/Zip Code Title
314 544 1214 12-6-13 43-0717119
Telephone # Date Tax ID #
JWBARNHART@NEWWAY 314 544 1655
E-mail IPC. com Fax #

Final determination of any purchase will not be exclusively on price. Factors that may be considered are price, ease of use, service, warranty, manufacturing support, and other areas determined by the agency.

Exceptions to Specifications

Bidder must provide detailed explanation for any specifications not fully met by the proposed product. Using the following format, indicate both the Item # and explanation for each exception taken.

If no exceptions are taken, state as such.

Line #	Exception (use additional sheets if necessary)
# 2	POWDER COAT IS NOT GRAFFITE RESISTANT
	(MANUFACTURER NOT AWARE OF ANY GRAFFITE RESISTANT
	COATINGS)
# 7	STEEL WHEELS NOT ALUMINUM
# 13	NO COVER OFFERED WITH MACHINE

[] Mark here if any additional pages of exceptions are to be attached as part of this bid.



Bidder's Offering for directional radar trailers

NUWAY CONCRETE FORMS, INC. (Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

2 (qty) units X \$ 7193.55 each equals \$ 14387.10 total

Total bid amount \$ 14387.10
(if quantity discounts are offered, indicate on attachment and [] check here)

WANGO (manufacturer) WSDT3-S-JC (model number)

Available Accessories (including Optional Features, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

_____	\$ _____	each
_____	\$ _____	each
_____	\$ _____	each
_____	\$ _____	each

☒ corporation, [] partnership, [] sole proprietor, [] individual

[] manufacturer, [] distributor, [] agent, [] other _____

30 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: NET 30 Days Prices guaranteed for 180 calendar days
Nu Way Concrete Forms Inc. (legal name of bidder)

(DBA if appropriate)
43-0717119 (FIN or SS number) _____
(signature of bidder)
JOE COOPER _____
(printed name and title)

4190 Hoffmeister (address)
Sy Louis MO 63125 (city, state, zip)

314 544 1214 (phone) 800 542 1214 (toll free) 314 544 1656 (fax)

Note all Exceptions taken on previous page (if none so state)



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid: **DIRECTIONAL RADAR TRAILERS** Date Issued: **11-15-13**

BIDS SHALL BE ACCEPTED UNTIL: **TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.**

**Specification
Contact:**

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

**Contract
Contact:**

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE	
VENDOR NAME	
VENDOR ADDRESS	
CONTACT NUMBER	DEPARTMENT OF THE COUNTY CLERK
	JEFFERSON COUNTY MISSOURI
	729 MAPLE ST / PO BOX 100
	HILLSBORO MO 63050-0100
SEALED BID: (BID NAME)	

Contract Term:
UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

Knstom Signals, Inc.	Troy Montgomery
Company Name	Authorized Agent (Print)
9652 Loiret Boulevard	<i>Troy Montgomery</i>
Address	Signature
Lenexa, KS 66219	Director of Sales
City/State/Zip Code	Title
800-458-7866	12/13/13
Telephone #	Date
	43-1757730
	Tax ID #
sales@kustomsignals.com	913-492-1703
E-mail	Fax #

Final determination of any purchase will not be exclusively on price. Factors that may be considered are price, ease of use, service, warranty, manufacturing support, and other areas determined by the agency.

Exceptions to Specifications

Bidder must provide detailed explanation for any specifications not fully met by the proposed product. Using the following format, indicate both the Item # and explanation for each exception taken.

If no exceptions are taken, state as such.

Line # Exception (use additional sheets if necessary)

_ 16 _	_ Please note that the trailers will come with a Club Tire Claw to prevent _
_	_ rolling when trailer is parked on an incline. _
_	_
_	_
_	_ Note that both the SMART 800 and SMART 850 Trailers meet all the _
_	_ specifications as noted. A product brochure and a warranty statement _
_	_ have been included with the response. _
_	_
_	_
_	_
_	_
_	_
_	_
_	_
_	_
_	_
_	_

[] Mark here if any additional pages of exceptions are to be attached as part of this bid.

Bidder's Offering for directional radar trailers

_Kustom Signals, Inc. (Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

(Option #1) _2_ (qty) units X \$ _9,445.00_ each equals \$ _18,890.00_ total

(Option #2) _2_ (qty) units X \$ _10,945.00_ each equals \$ _21,890.00_ total

Total bid amount (Option #1). \$ _18,890.00_ *

Total bid amount (Option #2). \$ _21,890.00_ *

(if quantity discounts are offered, indicate on attachment and [] check here)

* Please refer to the enclosed bid configurations, products brochure and warranty statement for complete details.

RU2 Manufactures Proposed Trailers for Kustom Signals, Inc. (manufacturer) _SMART 800 or SMART 850_ (model number)

Available Accessories (including Optional Features, Software, Maintenance and Services)

Attach additional pricing pages if necessary.

Traffic Data Recording System with Flash Card \$ _950.00_ each

"Slow Down" Violator Alert \$ _525.00_ each

[X] corporation, [] partnership, [] sole proprietor, [] individual

[] manufacturer, [X] distributor, [] agent, [] other

45 days ARO_ (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: _Payment Terms: Net 30 Days_ Prices guaranteed for _45_ calendar days

_Kustom Signals, Inc. (legal name of bidder)

43-1757730 (FIN or SS number) Troy Montgomery (signature of bidder) (DBA if appropriate)

_Troy Montgomery, Director of Sales (printed name and title)

_9652 Loiret Boulevard (address)

_Lenexa, KS 66219 (city, state, zip)

_913-492-1400 (phone) _800-458-7866 (toll free) _913-492-1703 (fax)

Note all Exceptions taken on previous page (if none so state)



KUSTOM SIGNALS, INC.
A SUBSIDIARY OF PUBLIC SAFETY EQUIPMENT, INC.

Your Trusted Partner in Law Enforcement

SPEED AWARENESS TRAILER BID CONFIGURATION (OPTION #1)
Jefferson County, MO
December 17, 2013

Note: Sales Tax Not Included in Quoted Price.

Option #1

SMART 800 TRAILER

Kustom Signals' SMART 800 Trailer to Include:

Standard 18" Full Graphic Character Display

3/16" Non-Glare GE Lexan Display

Fixed Display and Fold Down Speed Limit Sign

MUTCD Conforming Speed Limit Sign

"Speed Limit" & "Your Speed" Displays

Red/Blue Violator Alert

Wireless Key Fob Remote Setup

Kustom Signals' Directional K-band Radar Unit

Graffiti Resistant, Powder Coat Paint

Overspeed Blank

Locking Access Door

Towing Lights

Leaf Spring Suspension

Removable Tongue

Three Leveling Jacks (Retractable)

12 VDC AGM Deep Cycle Battery

Solar Panel (50 Watt)

Battery Level Indicator

A/C Battery Charger

Single Cycle On/Off Clock

Keyed On-Off Switch

Self Diagnostics

Trailer Cover

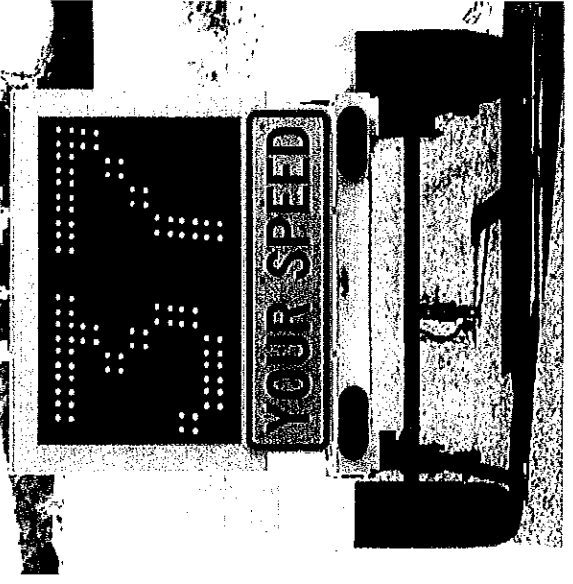
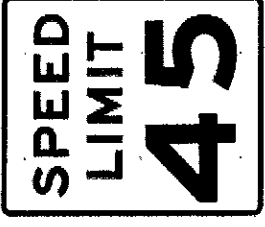
Aluminum Wheels

Spare Tire Kit (Aluminum Wheel)

Locking Lug Nuts (Set of Two)

Axle Lock (The Club® Tire Claw)

Warranty: 2 Years Trailer, 27 Months Radar
Shipping and Handling



Total for Smart 800 Trailers 2 \$9,445.00 \$18,890.00

SMART 800 Advantages

Fixed Display and Fold Down Speed Limit Sign

Visibility up to 1,250 Feet

Promotes Safety and is Supported by the Community

Quick Deployment and Setup

Outstanding Legibility During All Weather, Daylight and Nighttime

Superior Customer Support that Lasts Long After the Sale

BID CONFIGURATION NOTES

Prices will remain valid for 45 days from the bid opening date.

Delivery will be made within 45 days after receipt of an order.

Payment Terms: Net 30 Days.

All original software and software code and related intellectual property developed or created by Kustom Signals, Inc. in the performance of its obligations under this contract, shall remain the sole property of Kustom Signals, Inc. Source code is not provided to agencies.

Please contact Regional Sales Manager Jenny Martin at 913-302-9893 or District Manager Tony Campos at 800-458-7866 extension 3025 with any questions.



KUSTOM SIGNALS, INC.
A SUBSIDIARY OF PUBLIC SAFETY EQUIPMENT, INC.

Your Trusted Partner in Law Enforcement

SPEED AWARENESS TRAILER BID CONFIGURATION (OPTION #2)
Jefferson County, MO
December 17, 2013

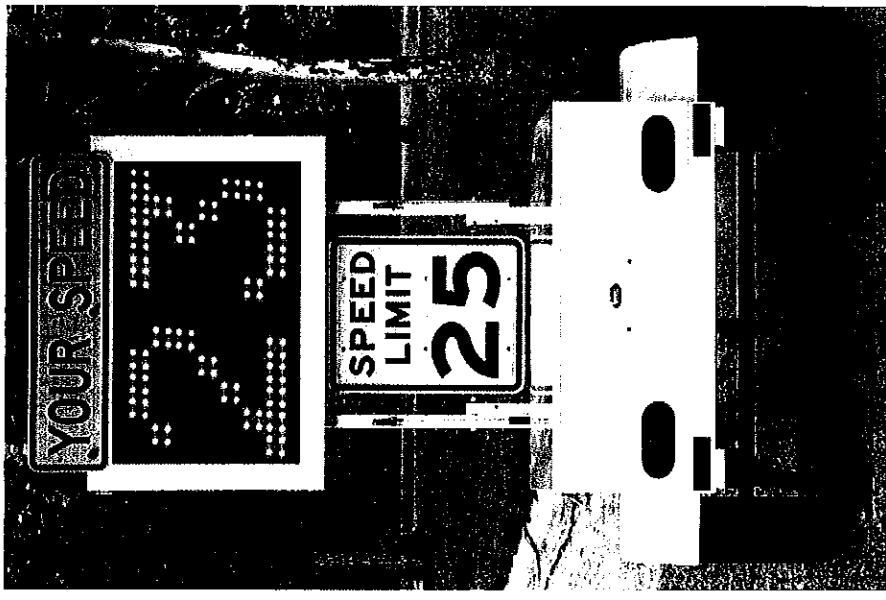
Note: Sales Tax Not Included in Quoted Price.

Option #2

SMART 850 TRAILER

Kustom Signals' SMART 850 Trailer to Include:

Standard 18" Full Graphic Character Display
3/16" Non-Glare GE Lexan Display
Fold Down Display and Speed Limit Sign
MUTCD Conforming Speed Limit Sign
"Speed Limit" & "Your Speed" Displays
Red/Blue Violator Alert
Wireless Key Fob Remote Setup
Kustom Signals' Directional K-band Radar Unit
Graffiti Resistant, Powder Coat Paint
Overspeed Blank
Locking Access Door
Towing Lights
Leaf Spring Suspension
Removable Tongue
Three Leveling Jacks (Retractable)
12 VDC AGM Deep Cycle Battery
Solar Panel (50 Watt)
Battery Level Indicator
A/C Battery Charger
Single Cycle On/Off Clock
Keyed On-Off Switch
Self Diagnostics
Trailer Cover
Aluminum Wheels
Spare Tire Kit (Aluminum Wheel)
Locking Lug Nuts (Set of Two)
Axle Lock (The Club® Tire Claw)
Warranty: 2 Years Trailer, 27 Months Radar
Shipping and Handling



Total for Smart 850 Trailers 2 \$10,945.00 \$21,890.00

SMART 850 Advantages

*Fold Down Display and Speed Limit Sign
Increased Visibility with Display Above Speed Limit Sign
See-through Design
Quick Deployment and Setup
Outstanding Legibility During All Weather, Daylight and Nighttime
Superior Customer Support that Lasts Long After the Sale*

BID CONFIGURATION NOTES

Prices will remain valid for 45 days from the bid opening date.
Delivery will be made within 45 days after receipt of an order.
Payment Terms: Net 30 Days.

All original software and software code and related intellectual property developed or created by Kustom Signals, Inc. in the performance of its obligations under this contract, shall remain the sole property of Kustom Signals, Inc. Source code is not provided to agencies.

Please contact Regional Sales Manager Jenny Martin at 913-302-9893 or District Manager Tony Campos at 800-458-7866 extension 3025 with any questions.



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid: **DIRECTIONAL RADAR TRAILERS** Date Issued: **11-15-13**

BIDS SHALL BE ACCEPTED UNTIL: **TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.**

**Specification
Contact:**

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

**Contract
Contact:**

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

**Contract Term:
UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

K & K Systems Inc.

Troy G "Tim" Keith

Company Name

Authorized Agent (Print)

687 Palmetto Road

Address

Signature

Tubelo MS 38801

President

City/State/Zip Code

Title

662-566-2025

72-1370925

Telephone #

Date

Tax ID #

info@k-ksystems.com

662-566-7123

E-mail

Fax #

Final determination of any purchase will not be exclusively on price. Factors that may be considered are price, ease of use, service, warranty, manufacturing support, and other areas determined by the agency.

Exceptions to Specifications

Bidder must provide detailed explanation for any specifications not fully met by the proposed product. Using the following format, indicate both the Item # and explanation for each exception taken.

If no exceptions are taken, state as such.

[illegible]

☐ Mark here if any additional pages of exceptions are to be attached as part of this bid.

Bidder's Offering for directional radar trailers

K & K Systems Inc. (Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

1 (qty) units X \$ 7,934.84 each equals \$ 7,934.84 total

Total bid amount \$ 7,934.84
(if quantity discounts are offered, indicate on attachment and ☒ check here)

K & K Systems, Inc. (manufacturer) 2002R20 (model number)

Available Accessories (including Optional Features, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

SEE ATTACHED PAGE

_____	\$ _____	each
_____	\$ _____	each
_____	\$ _____	each
_____	\$ _____	each

☒ corporation, ☐ partnership, ☐ sole proprietor, ☐ individual

☒ manufacturer, ☐ distributor, ☐ agent, ☐ other _____

45 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: net 30 Prices guaranteed for 180 calendar days

K & K Systems, Inc. (legal name of bidder)

(DBA if appropriate)

72-1370925 (FIN or SS number) (signature of bidder)

Tim Keith, President (printed name and title)

687 Palmetto Road (address)

Tupelo MS 38801 (city, state, zip)

662-566-2025 (phone) 888-414-3003 (toll free) 662-566-7123 (fax)

Note all Exceptions taken on previous page (if none so state)

Price Each (Qty purchase)				
Item #		Description		
2002R20		Solar Power Compact Trailer Mounted Radar Speed Monitor. Two (2) 18" amber LED characters, aluminum enclosure with powder coat finish. 40 watt solar panel, two (2) 6-volt batteries, speed limit sign with interchangeable numbers. Removable tongue. Automatic light sensor, 2 violator alerts: over speed flashing and over speed blanking. Includes "Your Speed Is" sign.		
		One	7,934.84	
		2 to 3	7,565.59	
		4 or +	7,214.82	

OPTIONS for Radar Speed Monitors - Trailer Mounted

Item #	Description	1 Unit	2-3 Units	4 Units
ADD20W	Additional 20 watt solar panel.	194.68	184.95	175.70
ADD40W	Additional 40 watt solar panel	288.07	273.66	259.98
ADD80W	Additional 80 watt solar panel.	506.49	481.16	457.11
ADDB06225	Add battery pack with two 6-volt batteries for a total of 225 amps.	358.75	340.82	323.77
ADDB100W	Add one (1) 100A wet cell battery, battery cabinet, and wiring harness.	462.80	439.66	417.68
ADD-BT	Bluetooth for wireless downloading of traffic stats.	166.19	157.88	149.99
BCH-1202-I	2 amp battery charger - installed.	120.29	114.28	108.56
BCH-1212-I	12 amp battery charger - installed.	182.02	172.92	164.27
BCH-1260-I	60 amp battery charger - installed.	292.81	278.17	264.26
CPAINT	Custom Paint other than white, orange or black (15 day lead time).	318.93	302.98	287.83
CT	Conspicuity tape 16 ft (reflective).	44.65	42.42	40.30
EXB12360	Replace battery pack with 12 volt 360 amp battery.	261.16	248.10	235.70
EXB12480	Replace battery pack with 12 volt 480 amp battery.	292.81	278.17	264.26
HM	Hour Meter.	79.14	75.18	71.42
HR-Remote	Remote for programming Doppler radar.	94.97	90.22	85.71
KPH	KPH option, additional third number character.	514.40	488.68	464.25
PT-7	Seven day timer.	121.56	115.48	109.71
PTC-1	DC - 365 day programmable timer module	435.26	413.50	392.83
REM20W	Remove 20 watt solar panel and add 2 amp battery charger from trailer mounted radars.	(25.72)	(24.43)	(23.21)
REM40W	Remove 40 watt solar panel and add 12 amp battery charger from trailer mounted radars.	(39.57)	(37.59)	(35.71)
SR	Red violator alert strobe.	223.17	212.01	201.41
SW	White violator alert strobe.	223.17	212.01	201.41
TAXL	Axle lock for anti theft.	79.74	75.75	71.97
TBBD	Bulldog coupler & adjustable height channel.	167.77	159.39	151.42
TBPR	Pintle ring hitch coupler & adjustable height channel.	91.80	87.21	82.85
TLN	Locking lug nuts.	53.81	51.12	48.57
TLT	LED taillights.	39.57	37.59	35.71
TMA	Motion alarm.	237.42	225.55	214.27
TP	Tow plate - 4" x 6" angle with 2" ball	63.31	60.15	57.14
TPLUG-6	6-round contact to 4-flat adaptor	18.99	18.04	17.14
TPLUG-7	7-round contact to 4-flat adaptor	18.99	18.04	17.14
TPLUGA-6	6 contact metal connector with spring.	20.50	19.47	18.50
TPLUGA-7	7 contact metal connector with spring.	20.50	19.47	18.50
TSIREN	Siren.	189.93	180.44	171.42
TSTAT	Traffic Statistics package. Able to download important traffic stats through radar. Downloadable to a user	316.56	300.73	285.69
TTJ	Tongue jack.	104.46	99.24	94.28
TTS	15" spare tire with mount.	329.22	312.76	297.12
UP-CC-IP30-30	Upgrade to 30 amp regulator with meter.	221.59	210.51	199.98
USB9	USB to 9 pin	25.32	24.06	22.86

PRICE EACH



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid:

DIRECTIONAL RADAR TRAILERS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

Specification

Contact:

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

Contract

Contact:

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME	Monitor Systems
VENDOR ADDRESS	10737 Colewood Lane, Dallas TX 75243
CONTACT NUMBER	888-819-7023
DEPARTMENT OF THE COUNTY CLERK JEFFERSON COUNTY MISSOURI 729 MAPLE ST / PO BOX 100 HILLSBORO MO 63050-0100	
SEALED BID: (BID NAME) <u>DIRECTIONAL RADAR TRAILERS</u>	

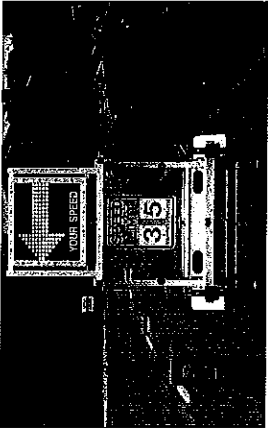
Contract Term:
UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County ,Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

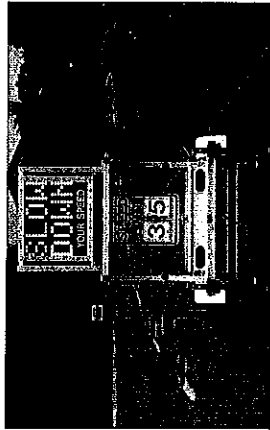
**Vendor
Information:**

Monitor Systems	Ken Elder
Company Name	Authorized Agent (Print)
10737 Colewood Lane	<i>Ken Elder</i>
Address	Signature
Dallas Texas 75243	Sales Manager
City/State/Zip Code	Title
888-819-7023	12-5-2013
Telephone #	Date
sales@monitorsystems.net	05-0604431
E-mail	Tax ID #
	email preferred 214-343-0003
	Fax #

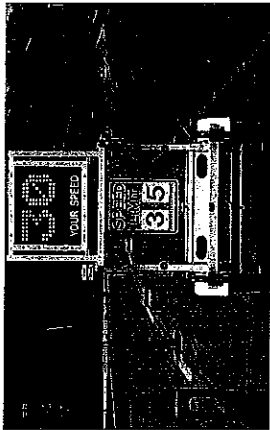
Prodigy 22L Pacesetter Speed and Message Trailer



- Display Speed Messages with 4 frames of text or graphics
- Under, over and max speed user settings
- Multi stage on/off scheduler
- Vehicle statistical data



Commonly deployed in school zones, construction areas, high-accident and neighborhoods. Monitor Systems speed signs provide a strong measure of traffic management unmatched by others. The Prodigy 22L Pacesetter Speed and Message Trailers have a user friendly full matrix, highly visible LED display on a ruggedly constructed trailer.



FULL FEATURES: Include programming software, covert vehicle data capture, Realtime clock, Onboard stored programs, Integrated Bluetooth Transceiver, 2 lines of text, 4 characters long, SD card memory for virtually limitless storage, 4 LEDs per pixel, Impact resistant Polycarbonate window, Pulse width modulation for longer battery life, Keyed on/off

Portable Trailer

Trailer features a removable hitch, lockable storage, deep cycle batteries, Display lift assist, 4 corner jacks and Graffiti-resistant powder coat paint.

Options

- Video camera with still images and/or live video
- Solar Panel
- 7 inch LCD Android Tablet Remote



MONITOR SYSTEMS
 10737 Colewood Lane
 Dallas, TX 75234
 888-819-7023
sales@monitorsystems.net
www.monitorsystems.net





**MONITOR
SYSTEMS**

MODEL Prodigy 22L SPECIFICATIONS

VMS Trailer

(Variable message sign)

VMS CONFIGURATION AND MONITORING SOFTWARE

Display Manager Software has been developed to ease the VMS configuration and real/time monitoring. Due to various available VMS configurations from Monitor Systems (larger or smaller VMS, radar sensor present or not, trailer mount or pole mount), Display Manager software has been designed to be flexible and to work with any VMS configuration. Display Manager is packed with all the functionality needed to set-up the VMS. Integrated image and animation editor allows in-place editing of images displayed on the VMS. Scheduler utility enables configuring VMS operation times and minimizes the VMS power consumption during inactivity periods. Multiple connection interfaces are supported: RS-232 serial cable connection for direct connection to the VMS, Bluetooth wireless connection for easy field maintenance and fast Ethernet connection for remote access:

Intuitive user interface

- Compatible across wide variety of Windows platforms (XP, Vista, Windows 7, both 32 bit and 64 bit)
- Multiple available communication interfaces : Serial RS-232 connection,
- Bluetooth connection,
- 10Mbps Ethernet connection
- User authorization required for connecting to the VMS
- Three user privilege levels available all password protected
- Ethernet connection is protected with 128-bit AES encryption
- Configures all VMS operating parameters: VMS size – number of LED panels, LED dimming – fixed or automatic, Automatic LED dimming table
- Ethernet address, Bluetooth device name,
- Powerful scheduler to configure VMS operation times
- When a radar sensor is attached to the VMS, configures radar operating parameters:
- Radar communication protocol,
- Radar sensitivity
- Integrated image editor for managing VMS images: Allows in-place image editing,
- Both static images and animations can be designed,
- Image import / export to external image files, Images can be grouped in *image libraries* for easier manipulation,
- Arabic right-to-left text support
- Configures display modes (which images/animations will be displayed) for the following situations:



MONITOR SYSTEMS

1. No vehicle on the road,
 2. Vehicle detected, at speed below defined limit,
 3. Vehicle detected at speed over defined limit,
 4. Vehicle detected, at speed over defined Maximum Speed
- Integrated file browser for remote access to the files stored on SD card
 - Vehicle statistics logs
 - Vehicle statistics log viewer and data analyzer
 - Generates configurable PDF report with the vehicle statistics data

Display:

- 26"H x 29"L x 3D"
- Display locks in Towing or Operating position
- Auto Brightness (automatically adjusts for light conditions)
- Aluminum Enclosure with Graffiti Resistant Powder Coated Finish
- Shatter Resistant Polycarbonate display window for maximum protection Super Bright, Wide Angle Amber LED's
- Dual Gas Spring Aid to position Display for Operation and Towing
- Displays oncoming (approaching) vehicles only
- Speed Violation Alert: Display flash's speed when speed exceeds pre-set limit Maximum Display Cutoff (blanks display above setting)
- Wireless Radio Frequency Remote for setting Violation and High Speed Cutoff limits 5 mph/kph Violation and High Speed Cutoff limit settings
- 12 Volt DC Power
- Removable rear access to SD Card
- Radar system fully enclosed within display
- PCB's conformal coated for additional moisture protection
- Input Voltage Tolerance: 9.0 - 15.5 volts DC
- Nominal Power 5w

Controller Board:

The module is based on the ARM7 microcontroller and is designed to control all functions of the complex variable message sign with various communication interfaces, sign layouts and functions and various additional equipment connected to the sign.

- Four serial RS232 communication channel
- Bluetooth wireless communication interface.
- Standard SPI and I2C expansion ports and 4 GPO
- Expansion port is available for connection of the digital video camera for image and live video capturing.
- Standard 10BASE-T/100BASE-T Ethernet interface available on the standard RJ45 connector.
- Storage of the data is by the internal SPI Flash memory and on the removable SD Card memory.



- Configuration of the controller can be implemented in software or selected by two 10 position rotary switches

Parameter	MIN	TYP	MAX	Unit
Communication interfaces:				
RS232 interface			115200	bps
SPI interface			10	Mbps
I2C interface			200	Kbps
Bluetooth speed			115200	Bps
Bluetooth distance			15	m
GPO open-collector outputs:				
Maximal voltage		12	20	V
Maximal continues current			850	mA
Maximal pulse current (10ms)			1400	mA
GPIN inputs:				
Maximal voltage			5	V
Input impedance	8.2	10	12	kΩ
Power supply voltage	9.0	12.0	14.0	V
Power dissipation		744	1030	mW
Power supply current [12V]				
Condition	MIN	TYP	MAX	Unit
Connected to PC with Bluetooth connection and file download in progress $V_{in} = +12.0V$	57.9	62.0	65.7	mA
Connected to PC with Ethernet connection (crossover cable) $V_{in} = +12.0V$	75.0	76.3	82.5	mA
Connected to PC with Ethernet connection (crossover cable) and file download in progress $V_{in} = +12.0V$	75.0	76.5	85.8	mA



Radar:

- Directional Radar. K-band operating Frequency (24.150 GHZ +/- 100 MHz) One Piece design
- Accuracy: +/- 1 mph/Kph
- Beam Width: 12 Degrees +/- 1 degree
- Power Input 9 to 27 VDC
- Power Consumption < 1.35W (typical 1.0W)
- Maximal Current < 250 mA
- Temperature Range -40°C to +85°C
- Speed Range: 5–199
- FCC & CE approved:
- EN 50293:2000, EN 61000-6-2, EN 61000-6-4:2007, EN 61000-3-2:2006+A1:2009+A2:2009, EN 61000-3-3:2008, EN 300 440-1, EN 300 440-2,
- FCC Part 15 Subpart C

Panels

- 4 LED per pixel
- Color: Amber (Wavelength 592nm)
- LED Type: 5mm 20ma
- Viewing angle 20 degrees vertical, 60 horizontal
- Contrast ratio: Greater than 10:1
- Optical requirements to NTPEP (MUTCD)
- Panels are conformal coated for moisture and fungicide resistance to US Military Standard (1-46058C)

Physical Characteristics

Enclosures

- Lightweight, vandal resistant all aluminum enclosure.
- Black, Vented self-supporting structure
- anti-reflective, UV-protected, polycarbonate "Lexan" window with scratch resistant coating

General

- Create a message
- Control a sign
- View battery status
- Verify a signs status
- Manage a fleet

Editing

- Graphical interface
- Graphical preview of sequence before activation

Sequencing

- Supports fixed, scrolling, and multi-frame sequences



MONITOR SYSTEMS

Trailer Features

Storage Compartment

- ☐ Aluminum Diamond Plate for added strength
- ☐ Lockable-hinged access door
- ☐ Self supported hid when open
- ☐ 2 door releases for easy access
- ☐ Storage Dimensions

Length 48 inches - Width 20 inches - Depth 20 inches

Trailer

- ☐ 11 Gauge Tubular Steel Frame
- ☐ Graffiti Resistant Powder Coat Paint
- ☐ Load Rated "ST" Series Tires
- ☐ LED Tail/Brake Light Package
- ☐ Armored/Recessed Clearance Lights
- ☐ Removable Hitch
- ☐ 2" Coupler
- ☐ Removable Trailer to Vehicle Wiring Harness
- ☐ 2 Deep Cycle Batteries
- ☐ Auto Deep Cycle Charger
- ☐ Side AC Input for charging
- ☐ Width 67"
- ☐ Height (with sign up) 76"
- ☐ Height (in towing position) 40"
- ☐ Length (with hitch) 108"
- ☐ Length (hitch removed) 88"
- ☐ Axle 3500 GVW
- ☐ Weight 650
- ☐ 4 Flip Up corner leveling Jacks with removable handles

Display

- ☐ 2 lines of text, 4 characters per line
- ☐ Number Height user defined up to maximum display size
- ☐ Character heights available:

7.25" H x 4.50"W
7.25" H x 5.75"W
9.50" H x 8.25"W
10.5" H x 9.625"W
15" H

Bidder's Offering for directional radar trailers

Monitor Systems (Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

2	(qty) units X \$	8,180.00	each equals \$	16,360.00	total
---	------------------	----------	----------------	-----------	-------

Total bid amount **\$16,360.00** \$ _____
(if quantity discounts are offered, indicate on attachment and [] check here)

Monitor Systems _____ (manufacturer) Prodigy 22L _____ (model number)

Available Accessories (including Optional Features, Software, Maintenance and Services)

7 inch android Tablet Remote	\$ included in price (1)	each
50 Watt Solar Panel	\$ included in price	each
Axle Lock	\$ Included in price	each
Cover	\$Included	each

[] corporation, [x] partnership, [] sole proprietor, []

x[] manufacturer, [] distributor, [] agent, []

30 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: net 30
Prices guaranteed for 90 calendar days

Monitor Systems _____ (legal name of bidder)

(DBA if appropriate)

05-0604431
(FIN or SS number)

(signature of bidder)

Ken Elder
(printed name and title)

10737 Colewood Lane (address)

Dallas Texas 75243
(city, state, zip)

214-343-0003 (phone) 888-819-7023 (toll free) email preferred (fax)

Note all Exceptions taken on previous page (if none so state)



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid:

DIRECTIONAL RADAR TRAILERS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

Specification

Contact:

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

Contract

Contact:

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE	
<i>VENDOR NAME</i>	NATIONAL SIGNAL, INC.
<i>VENDOR ADDRESS</i>	2440 ARTESIA AVENUE FULLERTON, CA 92833
<i>CONTACT NUMBER</i>	DEPARTMENT OF THE COUNTY CLERK JEFFERSON COUNTY MISSOURI 729 MAPLE ST / PO BOX 100 HILLSBORO MO 63050-0100
<i>SEALED BID: (BID NAME)</i>	DIRECTIONAL RADAR TRAILERS

Contract Term:
**UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

NATIONAL SIGNAL, INC.	LUIS M. JONAS
Company Name	Authorized Agent (Print)
2440 ARTESIA AVENUE	<i>Luis M. Jonas</i>
Address	Signature
FULLERTON, CA 92833	REGIONAL SALES MANAGER
City/State/Zip Code	Title
714-441-7707 X 226 -	12/10/2013
Telephone #	Date
	56-2593510
	Tax ID #
<i>luis@nationalsignalinc.net</i>	714-441-7714
E-mail	Fax #

Final determination of any purchase will not be exclusively on price. Factors that may be considered are price, ease of use, service, warranty, manufacturing support, and other areas determined by the agency.

Exceptions to Specifications

Bidder must provide detailed explanation for any specifications not fully met by the proposed product. Using the following format, indicate both the Item # and explanation for each exception taken.

If no exceptions are taken, state as such.

Line # Exception (use additional sheets if necessary)

13 _____

COVER NOT AVAILABLE

☐ Mark here if any additional pages of exceptions are to be attached as part of this bid.

Bidder's Offering for directional radar trailers

LUIS M. JONAS

(Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

2 (qty) units X \$ 7,800.00 each equals \$ 15,600.00 total

Total bid amount \$ 15,600.00
(if quantity discounts are offered, indicate on attachment and [] check here)

NATIONAL SIGNAL, INC. (manufacturer) SR415R (model number)

Available Accessories (including Optional Features, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

	\$	each
	\$	each
	\$	each
	\$	each

☒ corporation, [] partnership, [] sole proprietor, [] individual

[] manufacturer, [] distributor, [] agent, [] other

30 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: NET 30 Prices guaranteed for 364 calendar days

LUIS MANUEL JONAS (legal name of bidder)

NONE (DBA if appropriate)

56-2593510 (FIN or SS number) (signature of bidder)

LUIS M. JONAS (printed name and title)

2440 ARTESIA AVENUE (address)

FULLERTON, CA 92833 (city, state, zip)

714-441-7707 X 226 (phone) 888-994-0300 (toll free) 714-441-7714 (fax)

Note all Exceptions taken on previous page (if none so state)

NATIONAL

signal incorporated

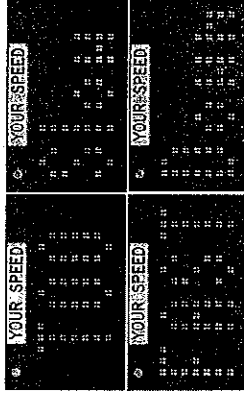
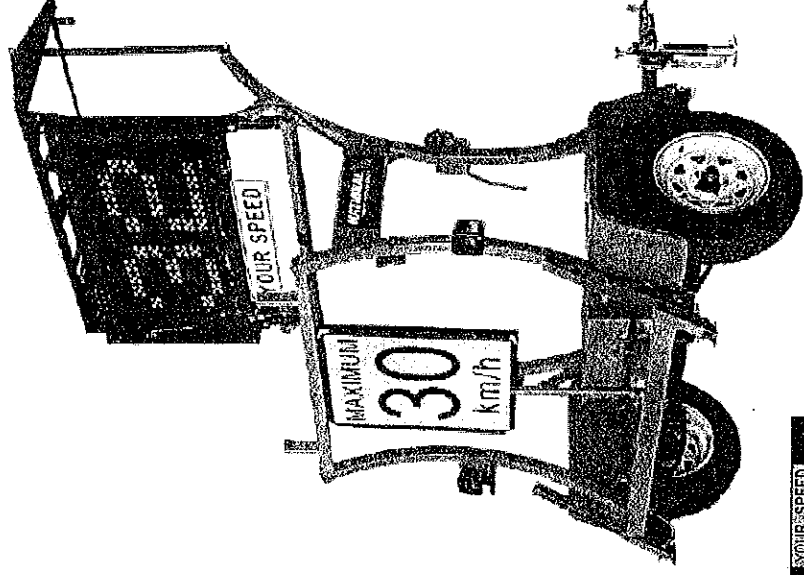
Sunray 415R

National Signal continues to design the finest in radar speed displays with its Sunray™ 415R.

The Sunray™ 415R Radar Display is easily transported and simple to operate, providing an elevated, amber display with large, 18" high digits to ensure enhanced driver visibility.

Pre-programmed overspeed messages and a variety of options including wireless control via a cellular phone, add to its versatility and effectiveness.

- *Trailer Mounted*
- *AllInGaP LED Technology*
- *Elevated display provides greater visibility*
- *18"H characters and 4 Alpha character capability*
- *Environmentally friendly*
- *Reliable and Cost Effective*
- *Easy Operation*
- *NTCIP compliant*
- *Meet or exceed all state and federal highway MUTCD traffic safety specifications*



Traffic safety is the driving force in National Signal's ongoing research and development efforts.

Whatever your traffic requirements, you can depend on National Signal for the latest technology, innovation, reliability and our continued commitment to cost-effective solutions.

National Signal Inc.
2440 Artesia Avenue
Fullerton, CA 92833

Telephone
(888) 994-0300
(714) 441-7707
info@nationalsignalinc.net

Specifications

Trailer construction

Width across fenders.....	75"
Drawbar.....	3"x 3"x 3/8" wall steel tube, removable
Fenders.....	formed steel for strength, bolt on
Frame.....	(4) post design 2.12" x 1.87" x .125 wall steel tubing MIG welded to chassis
Length w/ drawbar.....	114"
Length w/o drawbar.....	67"
Height sign up.....	139"
Height sign down.....	89"
Hitch.....	2" ball class II 3500 lb capacity
Jacks.....	(4) slide type plated, (1) swing type
Tire size.....	ST205/75-D15 load C
Weight.....	1,500 lbs
Winch.....	1000 lb with double disc brake system. 1/4" diameter galvanized steel with a test strength of 4400 lb minimum

Batteries and Solar collectors

Batteries.....	6v or 12v deep cycle with varying options
Battery enclosure.....	Lockable, ventilated, acid resistant, powder coat finish
Solar collector.....	Crystalline silicon

Radar Detector

Type.....	One true doppler radar
Speed range.....	5-200 Mph or km/h
Distance range.....	1/4 to 1/2 mile
Band type.....	K, 12°
Operating voltage.....	10.8 vdc to 16.8 vdc
Operating temp.....	-22F to +140F (-30C to +60C) 100% relative humidity at +99F (+37C) non-condensing

Numeric Display

Pixel matrix.....	7 rows by 15 columns
Character size.....	18" 3 numeric digits 4 alpha digits with preset messages when threshold speed is exceeded (eg: Too Fast, Slow down, \$100 Fine)
Angularity.....	25° total
Brightness.....	Manual/automatic 31 levels
Photo Sensor.....	Shielded from extraneous light
Speed limit sign(s).....	(3) regulation signs double sided

Options

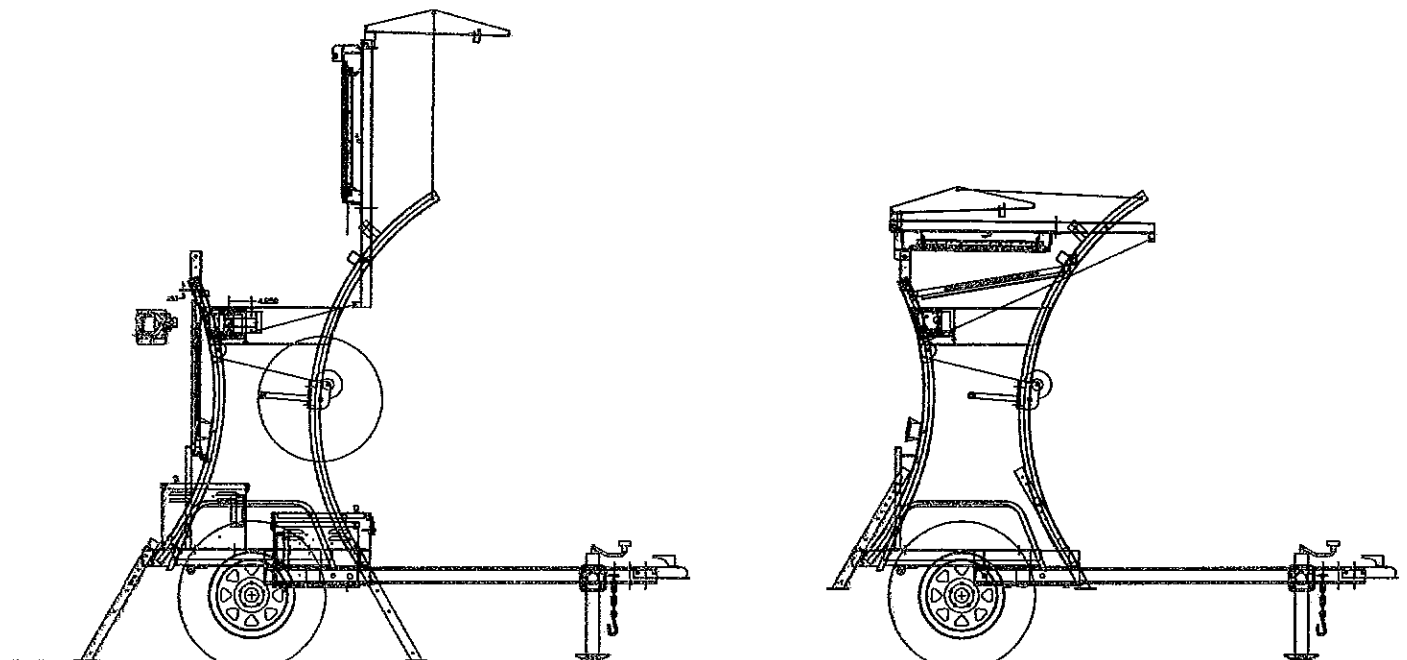
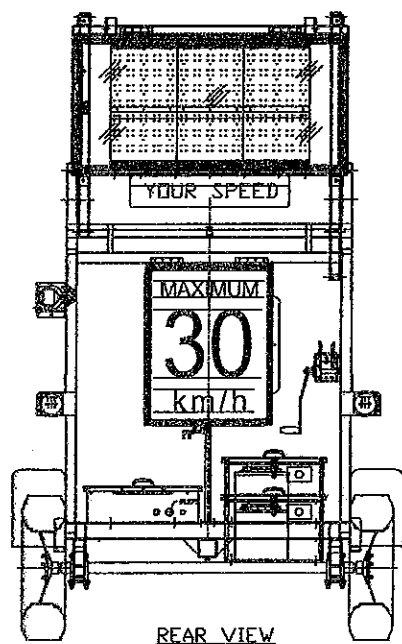
• Intellistat provides a variety traffic statistics that can be displayed or printed in graph or raw data format. Includes software and pneumatic tube for vehicle count	• Strobe light for over speed • Cellular phone for remote operation • Combo hitch 2" ball & 3" pintle ring • Motion alarm • Wheel locks
--	---

Specifications subject to change any time without notice. Copyright 2012 National Signal, Inc. All rights reserved. Printed in the United States.

National Signal Inc.
2440 Artesia Avenue
Fullerton, CA 92833

Telephone
(888) 994-0300
(714) 441-7707
info@nationalsignalinc.net

SOLAR FRAME NOT SHOWN HERE





JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

COPY

Invitation for Bid: DIRECTIONAL RADAR TRAILERS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

Specification

Contact:

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

Contract

Contact:

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

Contract Term:

**UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

Vendor

Information:

Company Name	Traffic Control Corporation	Douglas Ripley	Authorized Agent (Print)
1728 B West Park Center			
Address			Signature
Fenton, MO 63026		Area Manager	
City/State/Zip Code		Title	
636-305-8200	Dec. 16, 2013	36-2059066	
Telephone #	Date	Tax ID #	
dripley@trafficcontrolcorp.com		636-305-8201	
E-mail		Fax #	

Bidder's Offering for directional radar trailers

Traffic Control Corporation (Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

2 (qty) units X \$ 10,600.00 each equals \$ 21,200.00 total

Total bid amount \$ 21,200.00
(if quantity discounts are offered, indicate on attachment and [] check here)

Information Display Co (manufacturer) DT 18 Trailer (model number)

Available Accessories (including Optional Features, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

High Security Package Includes Tilt Sensor \$ 399 each
backup alarm battery

Traffic Analyzer & Scheduler Software package \$ 499 each

\$ each

\$ each

[X] corporation, [] partnership, [] sole proprietor, [] individual

[] manufacturer, [] distributor, [] agent, [] other

45 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: 0% for 30 Days Prices guaranteed for 90 calendar days

Traffic Control Corporation (legal name of bidder)

(DBA if appropriate)

36-2059066 (FIN or SS number) Dary (signature of bidder)

Douglas Ripley - Area Manager (printed name and title)

1728 B West Park Center (address)

Fenton, MO 63026 (city, state, zip)

636-305-8200 (phone) (toll free) 636-305-8201 (fax)

Note all Exceptions taken on previous page (if none so state)
Line Item 10 as Noted

DuraTrailer™ System Specification

CONTENTS:

- 1.0 General
- 2.0 Mechanical
- 3.0 Construction
- 4.0 Serviceability
- 5.0 Electronic Specification
- 6.0 Scheduling
- 7.0 TrafficInfo
- 8.0 Wireless Communication and Programming
- 9.0 Warranty

1.0 General

DuraTrailer is used where temporary vehicle speed displays or speed limit displays are required to reduce the hazard of speeding vehicles in work zones, school zones, neighborhoods, and other areas with speeding problems.

2.0 Mechanical

- A. Sign(s) (if used) shall adhere to MUTCD requirements in size, color, sheeting material, dimensions, layout, lettering, and symbols
- B. The trailer must meet the current Buy America requirements set forth by the FHWA and other Federal agencies for use of federal-aid construction projects

3.0 Construction

1. Mechanical

- a. Trailer shall be of a see-through design to avoid blocking the vision of drivers from seeing the hazard ahead and allow visibility of pedestrians beyond the trailer
- b. Trailer shall be fully FHWA MUTCD and shall meet requirements for lighting and safety gear on towed trailers
- c. Sign material, if sign(s) are included, shall be .09" to 0.125" aluminum based on current standard practice
- d. Trailer shall be constructed of welded steel round or box section tubes
- e. Suspension shall be a torsion bar system to reduce or eliminate undue stress on the trailer structure
- f. Frame shall be hot-dip galvanized for long service life
- g. Trailer housing shall be completely rust-proof composite with integral molded fenders covering the wheels
- h. Total trailer weight without batteries shall be less than 300 pounds
- i. Up to 2800 watt-hours of power shall be available with maximum battery complement
- j. Display sign shall have a quick-change mounting with padlock to allow sign removal for other uses
- k. System housings shall be provided with tamper proof (vandal resistant) fasteners that are compatible with existing agency tools

2. Dimensions, Weights, and Power

- a. Trailer shall be no more than 65" wide and no more than 60" in length including the trailer tongue
- b. Trailer shall have the option of up to three 100AH sealed AGM or gel-cell batteries and shall operate for up to 6 weeks on batteries alone
- c. Trailer shall have a on-board battery charger and integral AC charging cord socket mounted on the housing cover
- d. Trailer shall have an option to flash the trailer's tail lights in conjunction with detection and speed display for a speeding vehicle

4.0 Serviceability

Marking, Diagnostics, and Component Replacement

1. Manufacturer's name, date of manufacture, model number, serial number, voltage requirement, and FCC approval number if any, will be clearly labeled
2. For field support, programmability, data downloads and diagnostics must be accessible via Bluetooth™ wireless link to a Windows-compatible notebook computer, and shall have the following display diagnostics:
 - a. Test the real-time connection to the sign
 - b. Run a test sequence that turns the flashers on for verification.
 - c. System voltage check, to validate the DC power source
 - d. Validate real-time vehicle count to determine if data is being collected and radar is operational, if radar is included.
 - e. Ability to verify and update to new firmware version
3. The following components shall be easily accessible and field replaceable: Controller, fuse(s), communication options such as modems or adapters, optional TimeKeeper GPS unit if used, battery charger, and batteries

5.0 Electronic Specification

Electronic Performance – 7 segment signs

1. Display control electronics shall maintain programmed settings and schedules, if used, indefinitely and shall incorporate a real-time clock backup power supply to maintain on-board clock settings through a power outage for up to two weeks and recharge itself when power is restored. The clock backup power supply shall have an available option that does not rely on batteries.
2. Display shall operate on 12VDC nominal (10V – 16V) and display control electronics must automatically turn the display off when the voltage is below a lower threshold to prevent over-discharge damage to the solar power system.
3. In solar-powered systems, display control electronics shall monitor 12-volt supply to estimate the charge available and determine when the sign may be powered up for reliable operation.
4. Display digits shall be amber or white LEDs and a maximum of 18" tall

6.0 Scheduling

Operating Schedules

1. All displays shall have the capability of an add-on scheduling option, with the following specification:
 - a. Allow unlimited operating modes to support on/off functions and varying speed limits
 - b. Each mode determines the following:
 - i. When the flashers are to be operating, and when they are to be off.
 - ii. When the optional data collection feature is on/off
 - c. Allow unlimited timetables that allow up to 16 operating mode changes per day based on time of day
 - d. Allow unlimited weekly schedules to be defined that determine the timetable in use by day of the week
 - e. Allow up to two years of schedule exceptions to be pre-programmed by date and time to support special events, construction zones, and in the case of school zones, non-school days
 - f. Software shall allow schedules and schedule components (modes, timetables, and schedule exceptions) to be:
 - i. Created while disconnected from the display sign
 - ii. Copied and modified to easily create new schedules or schedule components
2. TimeKeeper™, a GPS time signal receiver shall be optionally available to synchronize display clocks to global standard time daily if desired, when central communication is not used.

7.0 Traffic Info

TrafficInfo

1. All systems shall have the capability of an add-on data collection and reporting option, with the following specification:
 - a. Separate data points for each target shall be stored, which shall include final speed and the date and time for each detected target.
 - b. The data shall not be averaged, consolidated or binned as the individual data point values are then lost.
 - c. Capacity for storing over 200,000 individual target data points.
 - d. Capability of capturing vehicle speed data with the display off (stealth mode) to support "before and after" studies.
2. Data shall be formatted as a comma-separated values (.csv) or text file providing access to the raw data and the ability to import into other traffic analysis tools
3. The reporting software shall:
 - a. Be easy to use and the charts easy to modify
 - b. Have automatic reports will be provided with graphical analysis of the following data using a personal computer running Microsoft Windows operating system with DotNet 4
 - i. A reference posted speed limit
 - ii. Average vehicle speeds, 85th percentile vehicle speeds and three additional percentile speeds defined by the user
 - iii. Total number of vehicles and Percent of Compliance
 - iv. Moving averages of vehicle speeds with the ability for the user to adjust the number of data points used in calculating the moving average
 - v. Must have the ability to select a range of dates and times that is less than the total time period for which data is collected. (data windowing) and automatically generate reports with the subset of data
 - vi. Must have the ability to further window the raw data for analysis to:
 1. include/exclude certain hours of the day (school hours), weekdays or weekends only,
 2. remove statistical outliers, and optionally remove data points above or below a certain speed, and
 3. save the analysis and data for later use with the reporting software
4. Reporting and graphing must run locally on a desktop PC without requiring an internet connection

8.0 Wireless communication and central programming

Central Programming

1. All display communication and programming functions shall be available remotely using Microsoft Windows-based software on a PC with Windows XP or Windows 7 operating systems
2. Software shall allow user-defined groups of displays that will upload schedules to all displays in the group with one command.

Communication Options

1. The following options shall be available:
 - a. The agency's TCP-IP LAN connection and router network, using an optional TCP/IP Adapter and RJ-45 connector in the system housing
 - b. Cellular modem, using optional CDMA cellular modem in the sign and commercial cellular data service via internet-based device addressing.
 - c. Antenna options shall be available to allow external antenna for weak reception areas
 - d. RS-232 serial data connection using devices that may be in use or selected for use by the Agency, such as radio-frequency links
 - e. System housing must be able to house Power over Internet (POE) adapters for external Agency radios which support that capability
3. Sign shall be programmable in the field, using a PC notebook with wireless Bluetooth™ connection, up to 50 feet in front of the sign enable field connection for analysis, repair, or programming without relying on the above connection methods
4. The programming interface must be identical regardless of communication option, and be easy to use, with minimal training required
5. The programming interface shall enable setting:
 - a. Real-time clock date, time of day, and correction factor, if required
 - b. User-selectable alphanumeric identification code of at least 22 characters to allow unique identification of each system
 - c. Ability to install new software updates and features as needed
 - d. Set up and verify:
 - i. Schedule times of day for on and off control
 - ii. Schedule exceptions by date and time
 - iii. Data collection ON/OFF independent of display
 - iv. Downloading of data to notebook PC
 - v. Erase data from sign or keep data in sign
6. BlueTooth™ software drivers shall be available for the Windows XP and Windows 7 operating systems, and shall be self-installing

9.0 Warranty

Manufacturer's Warranty

1. The manufacturer's warranty for the display and accessories shall be at least three years from the time of purchase
2. The manufacturer's warranty for the display LEDs shall be at least ten years from the time of purchase
3. The warranty for flasher and beacon LEDs, if used, shall be the standard warranty of the manufacturer of the flasher or beacon
4. Complete service and/or maintenance plans for 5-year timeframe and/or ongoing cellular service and support shall be available as an option
5. The manufacturer at no charge shall provide replacement components for in-warranty repairs when provided in exchange for the part being replaced. Outbound shipping costs to U.S. destinations for warranty replacement parts shall be paid by the manufacturer
6. Manufacturer will supply technical telephone support at no extra charge during the warranty period
7. All control software and/or firmware updates will be available to the end user at no charge during the warranty period