

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

Request for Quotation

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BUYER 33 304-558-2402

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

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia.
- 2. The State may accept or reject in part, or in whole, any bid.
- 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
- 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
- 5. Payment may only be made after the delivery and acceptance of goods or services.
- 6. Interest may be paid for late payment in accordance with the West Virginia Code.
- 7. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
- 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 12. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
- 13. HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
- 14. CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf.
- 15. LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
- 16. ANTITRUST: In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or Fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
- 2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- 3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
- 5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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

Request for Quotation

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LOGAN CORPORATION RT. 2, BOX 924 CLARKSBURG, WV 26301 DIVISION OF HIGHWAYS **EQUIPMENT DIVISION** ROUTE 33 **BRUSHY FORK ROAD BUCKHANNON, WV** 26201 304-472-1750

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DIVISION OF HIGHWAYS **EQUIPMENT DIVISION** ROUTE 33 BRUSHY FORK ROAD BUCKHANNON, WV 26201

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CLARKSBURG, WV 26301

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RFQ COPY TYPE NAME/ADDRESS HERE LOGAN CORPORATION RT. 2, BOX 924

BUCKHANNON, WV

DIVISION OF HIGHWAYS **EQUIPMENT DIVISION** ROUTE 33 **BRUSHY FORK ROAD**

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LOGAN CORPORATION

CLARKSBURG, WV 26301

Request for Quotation

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RT. 2, BOX 924

LOGAN CORPORATION

CLARKSBURG, WV 26301

State of West Virginia
Department of Administration
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2019 Washington Street East
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Request for Quotation

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BUYER 33 304-558-2402

DIVISION OF HIGHWAYS **EQUIPMENT DIVISION** ROUTE 33 BRUSHY FORK ROAD

BUCKHANNON, WV

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LOGAN CORPORATION RT. 2, BOX 924 CLARKSBURG, WV 26301

DIVISION OF HIGHWAYS **EQUIPMENT DIVISION** ROUTE 33 **BRUSHY FORK ROAD BUCKHANNON, WV** 26201 304-472-1750

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LOGAN CORPORATION

CLARKSBURG, WV 26301

Request for Quotation

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BUYER 33	•
304-558-2402	

DIVISION OF HIGHWAYS **EQUIPMENT DIVISION** ROUTE 33 **BRUSHY FORK ROAD** BUCKHANNON, WV 26201

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BUYER 33

304-558-2402

DIVISION OF HIGHWAYS **EQUIPMENT DIVISION** ROUTE 33 BRUSHY FORK ROAD BUCKHANNON, WV

26201

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CONTACT PERSON (PLEASE PRINT CLEARLY):			/12/2011		BID O	PENING TIME 0	1:30PM
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CONTACT PERSON (PLEASE PRINT CLEARLY): ****** THIS IS THE END OF RFQ 7011EC20 ****** TOTAL: SEE GEVERSE SIDE FOR TERMS AND CONDITIONS			000000000000000000000000000000000000000	1 622-56	78		
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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

BIDDER'S EVALUATION REPORT

PROCUREMENT SPECIFICATIONS FOR OPEN END CONTRACT NO. 843-1-G

FULL MATRIX TRAILER MOUNTED SOLAR POWERED MESSAGE BOARD

NOTE TO BIDDER: Procurement Specification No. 843-1-G, Paragraph 2.0 recommends the completion and submittal of this Report with your bid. Purpose of this Report is to enable the West Virginia Division of Highways Evaluation Committee to make full and fair evaluation of the bid. Addendums in order, along with a summary of exception as a separate attachment, should be with Bidder's Evaluation Report. FAILURE TO SUBMIT THIS REPORT, COMPLETE IN ITS ENTIRETY, MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

	Reference Requisition No.: 70//EC20	
	Bidder's Name: Logan Corporation	
	Address: 212 N. Ohio Ave, Clarksburg, WV 26301	
	Telephone Number: 304-623-5671	
	- ·	YRS
	Years Company has been an authorized dealer for proposed unit:	RS.
X3.2	Have you complied with all mandatory specifications? YESNO	
X4.2 X4.2.1	DELIVERY: Delivery date of completed representative unit: Calendar Days After Receipt of Purchase Agreement	ıt
X4.2.2	Delivery date of balance of completed units: Calendar Days After Receipt of Purchase Agreem	nent

The "Bidder's Evaluation Report" is available for download on Purchasing's Web site at www.state.wv.us/admin/purchase

X5.0	AWARD CRITERIA;	
X5.1	Price per unit: # 19 200 . per unit	
	SPECIFICATIONS - GENERAL	
X6.1	Manufacturer, model, series, and date of manufacture of proposed unit:	
	Wanco WTMMB-SLL-A	
	Is descriptive literature, fully describing proposed unit attached to your bid? YES NO	
	If not, why?	
X6.2	Will the required number of service manuals, and complete parts list be delivered to the Equipment Division at Buckhannon upon completion of delivery of total units? YES NO	
	NO	
	Will the required Equipment Preventive Maintenance Form (Section X6.2 of Bidders Evaluation Report) be provided upon inspection of the pilot unit? YES NO)Ľ
	Report) be provided upon inspection of the pilot unit? YESNO	

X6.2 2-10-00

EQUIPMENT PREVENTATIVE MAINTENANCE QUESTIONNAIRE

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY REPRESENTATIVE PRIOR TO DELIVERY OF PILOT M	Y BY SUCCESSFUL BIDDER OR MANUFACTURER'S TECHNICAL MODEL TO THE WVDOH.
DESCRIPTION: WTMMB-SUA	Full MatrixMAKE: WANCO
	R: 2010) 11 PURCHASE AMOUNT:
•	
ENGINE: MAKE: NOD!	
HORSEPOWER: NA CYLI	NDER: NA ENGINE SERIAL: NA
COOLING SYSTEM CAPACITY:	
BELTS: DESCRIPTION:	PART NUMBERS:
1.	N/A
GVW: 2650 AXLE CAPACITY:FR	· · · · · · · · · · · · · · · · · · ·
TIRES: FRONT MAKE & SIZE: ST 205	75 R15
REAR MAKE & SIZE: ST 205	
DIMENSIONS OF UNIT: LENGTH:	WIDTH: LENGTH:
1. CC 11:11:	
PARTS: BATTERY MAKE: Universal Power TOP OR SIDE POST: SPARK PLUGS OR FUEL INJECTORS MAKE: FUEL PLIMP OR INJECTION PLIMP MAKE:	1 1 110110
PARIS: Manu	tacturer # UD9D
BATTERY MAKE: Universal tower MOD	DEL: CCA:
TOP OR SIDE POST: DIME	ENSIONS: LENGTH WIDTH HEIGHT
SPARK PLUGS OR FUEL INJECTORS MAKE:	PART#
TOBBI CIVIL CICILIDATION INC.	
ALTERNATOR MAKE:	TAKI #
STARTER MAKE:	PART #:
TURBO CHARGER MAKE:	PART #:
TRANS. MAKE: MÕDEL:	AUTO/MANUAL:
HYDRAULIC PUMP MAKE:	MODEL:
FILTERS MAKE PART NO.	LUBRICANT MANUFACTURER TYPE
OIL	ENGINE
AIR INNER	TRANSMISSION
AIR OUTER	POWER STEERING
FUEL PRIMARY	HYDRAULIC NAPA/ VOLVO INC DORONS
FUEL SECONDARY \ (//	DIFFERENTIALS
COOLANT	BRAKE FLUID
HYDRAULIC	COOLANT
OTHER	OTHER

X6.3	TRAINING:
	Will training seminar be conducted on Preventive Maintenance, Operator and Mechanic Training YESNO
	Will you conduct training with each purchase order against this open end contract? YESNO
	Will training be conducted within 2 working days from the delivery of the pilot unit on the individual purchase order? YESNO
	If NO, explain time frame 2 week Notice required
	Will an Operator's Manual be furnished directly to Training Academy prior to the delivery of the pilot? YESNO
X6.4	If you are the successful vendor, will you furnish all training aids, i.e., videos, projectors, required in conducting the training? YESNO
X6.4.1	Will all manuals, booklets, etc. explaining preventive maintenance, operator procedures, and service schedule be delivered with each unit? YESNO If NO, explain
X6.5	WARRANTY AND SERVICE POLICY
	Will the warranty and service you provide comply with all areas as stated in Section 6.5 of specifications YESNO
	Is warranty literature attached?
	Is a minimum two (2) year bumper to bumper basic parts and labor warranty excluding abuse and normal wear items included? YESNO
	Describe: WANCO provides a 5 year warranty.
	Describe: WANCO provides a 5 year warranty. See Attached warranty information

X6.5 WARRANTY AND SERVICE POLICY QUESTIONNAIRE

<u>THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH YOUR BID.</u> (If additional lines are needed, make copies of form.)

I. Der	<i>n</i>	ched Warranty Into
Manuf All Buc or 3. List	acturer's representative warranty wor Khannon or Clarksburg locations for parts in	be performed at DOH facilities and warranty service to be performed at refacility. List name and location of manufacturer's representative. K will be done at either the DOH facilities a Charleston or at Logan Corporation in Nitrowy. WW.
known 48	Parts Will	be shipped out from manufacturer within all.
	ing the term of warrant will sell the parts to or	ity, list the guarantee discount to manufacturer's published list price for parts that owner.
A. B. C.	Terms: Net 30 Terms: Net 60 Terms: Net 90	Manufacturer's published list price less: O % discount Manufacturer's published list price less: O % discount Manufacturer's published list price less: O % discount
5. Dur Highw	•	ty, will all manufacturers or engineering improvements be submitted to Division of YESNO
6. Dur	ing the term of warran	ty, list the guaranteed rates charged for repair to the unit.
A.	Shop Rate	\$ 95 per mechanic hour
B .	Travel Time Charge (Specify if one-way)	\$ per mechanic hour; port to port
C.	Mileage Charge (Specify if one-way	\$ 2.50 per vehicle mile ; port to port
D.	Field Mechanic Rate	\$ 95 per mechanic hour
E.	Specify period of tim	ne that prices are in effect: Length of Contract
F.		laneous items: 20 %

X6.6	EVALUATION COMMITTEE REQUIREMENTS
	Is all component specifications, product literature, component models provided for Evaluation Committee bid determination? YESNO
X6.7	Will all parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, be furnished with the unit and conform in strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry? YESNO
X6.7.1	Are all parts and accessories adequate and regularly supplied as standard to be included except those which may be duplications of specifications herein, and except these by specification are no to be furnished? YESNO
X6.7.2	Are all standard safety features that are required by Federal and State statutes of law included? YESNO
X7.0	SPECIFICATIONS OF THE QUOTED UNIT:
• .	The bidder should complete the following schedule in order for the Division to compare the actual bid unit to the specifications. Should the bidder except a requirement, then such exception may be only on the basis that such feature is not offered by the manufacturer. The Division will have the sole discretion as to whether the bidder's substitution meets the requirements of the specification.
	Manufacturer: WANCO Inc. Model: WTMMB-SLL-A
	Is unit a trailer mounted Full – Matrix Message Board consisting of an optically enhanced L.E.D.'s. YES NO
	Are the L.E.D.s minimum of a 30° vertical and 30° horizontal cone of visibility. YESNO
,	Is the full matrix panel powered by a bank of batteries in order to convey bright, distinctive messages to the traveling public YES NO
	Are full matrix variable message boards tested by AASHTO's National Transportation Product Evaluation Program (NTPEP). YESNO

X7.1	Are batteries automatically recharged by a group of solar panels loca unit?	YES	
X7.1.1	Is unit designed to have sufficient energy backup to operate for 30	days without YES	any sun? NO
X7.1.2	Will solar panel generator recharge the battery bank at 2.5 hours sun tusage?	to one (1) 24 ho	ur period YESNO
X7.2	Sign Panel Construction:		
X7. 2.1	Is sign panel aluminum constructed or fabricated with powder coated finish	sheet metal and YES	
	All exposed panels and seams are corrosion proof for a minimum	of ten/(10) yea YES	rs NO
	With construction, are all panels/parts assembled as to prevent codissimilar metal reaction for occurring	orrosion or to p	orevent NO
X7.2.2	Is sign panel frame a welded assembly and constructed of aluminum panels powder coated in a corrosion proof manner for a minimum of	-	
X7.2.3	What is length of sign panel <u>138</u> inches?		
X7.2.4	Does face of sign incorporate measures to prevent fading from U or lexan face with UV inhibitors incorporated	V light, such as YES	
	Is another method used?YESNO Has it been reviewed an	nd approved?	_YESNO
X7.2.5	Does sign face have size to display three (3) separate lines of eight	t (8) characters YES _	NO
	Size of characters: 18 inches tall and 12 inches wide?	7 ×	
	Spacing of characters: $3^{"}$ inches apart	1	
X7.2.6	Does each character configuration contains 54 LED lamp pixels in sinine (9) element vertical arrangement? 5 elements × 7		orizontal by YESNC
X7.2.7		₹ w	•
X7.2.8	Message color: 590 nanometers		
X7.3	Does sign have capability to display six (6) messages in sequence, with vincrements under computer control?	variable timing i	n 1/4 second NO

X7.3.1	Is arrow display and flashing caution functions included as par		
	programmed message sequences		NO
	Will all arrow and flashing caution displays described in the cu	rrent MUTCD pro	vided
			NO
X7.3.2	Are all abbreviations used in pre-programmed messages in com	ipliance with the c	urrent
24,1012	MUTCD	YES	_NO
X7.3.3	Does the entire sign have capability to change all lines of message of	conv in not more the	an 100 mili-
21.7.3.3	seconds	YES	NO
X7.3.4	Will sign be clearly visible a minimum of 4500 feet	√ YES	
A/.3.4	·		
X7.3.5	Will sign legend be legible from a minimum distance of 1,000 fe	eet under/daylight o	
	determined by NTPEP for two non-traffic word message.		NO
X7.3.6	Will sign legend be legible from a minimum distance of 900 feet	t under night-time YES	
	determined by NTPEP for a two non-traffic word message	IES	NO
X7.3.7	Under variable light conditions, will the unit automatically adju	ust light source so	as to meet the
	visibility requirements, without being too bright or too dim	YES	NO
X7.4 S	olar Message Board Support:		
X7.4.1	Will solar message board sign panel be supported on a teles	coping upright me	mber in
	order to permit raising the sign panel for operation and low	ering for transpor	t?
		YES	NO
T.	Is the upright capable of 360 degrees rotation and to lock in	to any pasition to	which it
	manually or electrically rotated	YES	NO
X7.4.2	Raise and lower travel: 57 feet and accomplished by a hydrau	lic power pack	
•		YES	NO
X7.4.3	Bottom of sign feet above ground level when in raise po	sition	
X7.4.4	When transporting, will sign orient to the longitudinal axis of t	he trailer⁄ in a man	ner that
A/.7.7	effectively reduces aerodynamic drag during towing?	YES	NO
X7.5 P	ower and Miscellaneous Equipment:		
A7.5 F			
X7.5.1	Is unit designed to accept two (2) power sources; one (1) being		
	four (4) size 4D, deep cycle, lead acid 12 volt DC batteries wire meet power/time requirements	u in paranei (or as YES	
3777 6 0		0 walt agent and 1 -	laatuia
X7.5.2	Does second power supply to have capability to accept existing 120 service?	You commerciate	ESNO

X7.5.3	Batteries are recharged by a solar panel array producing 130 watts	of power	
X7.5.4	Does unit have a built-in battery charger with minimum 25 amp p	er hr rating?YES	NO
X7.5.5	Is battery bank housed in lockable heavy duty weatherproof batte	ry boxés? YES	NO
X7.5.6	Are the two (2) power sources enclosed in protective housing?	YES	NO
X7.5.7	Are batteries capable of being recharged by a commercial 110 volt bat	tery charger?YES	_NO
X7.6 Co	ntrol Requirements:		·
X7.6.1	Is unit controlled in all functions by an on-board dedicated compuremovable?	ter of solid sta	te design and NO
X7.6.2	Does unit have keyboard which user originated messages may be estorage?	entered for dis	play or NO
X7.6.3	Does unit have an LCD display screen, where messages are reviewed	before being di	splayed? NO
X7.6.4	Computer stores <u>350</u> programmed messages for display we through keyboard	hen called upo	on by user NO
X7.6.5	Capability of storing 100 message sequences		
X7.6.6	Does unit maintain stored message list?	YES _	NO
X7.6.7	Does unit provide password coding or key entry?	YES _	NO
X7.6.8	Will unit provide control programming to present sequences messages through keyboard entry?	under operator	
X7.6.9	Does unit provide control for moving arrow displays?	YES	NO
X7.7 So	lar Panel Control Unit:		
X7.7.1	Is computer and power control unit housed in weather resistant, s control box including lighting for night time operation?	hock résistant YES	lockable NO
X7.7.2	Does power control unit contain two (2) current meters; One (1) show battery charger operating and one (1) indicates amperage generated fr in battery bank?	rs amperage ger om the solar pa YES	nels be stored
X7.7.3	Does power control unit incorporate a PV regulator with thermal in ambient temperature to regulate the charge rate to the battery		

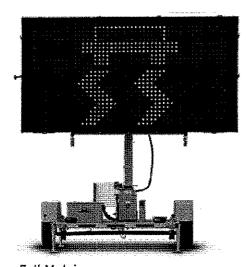
X7.7.4	Does unit incorporate an automatic intensity control constant with a reduction in voltage?	ol feature to l	ceep L.E.	D. Jamp matrix YES	intensity NO
X7 <u>.7.5</u>	Does message unit provide a photocell to reduc	e lamp inten	sity at ni	ght climinatin YES	g blinding? NO
X7.8 Tr	ailer:		-		
X7.8.1	Is two (2) wheel trailer structurally adequate to	o serve as bo	th platfo -	rm for compo YES	nents? NO
X7.8.2	Are fenders made of steel and installed over each	wheel?	Y		
X7.8.3	Is trailer equipped with hydraulic brake actuator s	system?	Y	ESNO	
X7.8.4	Is unit equipped with four (4) crank type, HD indecorner of the trailer deck?	ustrial levelin	g jacks; (one (1) installeYES	d on each NO
X7.9 Li	ghting:	•			
X7.9.1	Does unit include LED taillights, stop lights, tu necessary reflectors?	ırn signals, li	cense m	ount/with ligh YES	t and all NO
X7.9.2	Are trailer electrical cable and connector (Cole H towing vehicles installed?	ersee Pt #120	81 male	or equal) comp	oatible withNO
X7.9.3	Is all trailer wiring encased in heavy duty hypalor of trailer structural tubing?	n type industr	ial wire l	ooms clamped YES	to underside NO
X7.9.4	Does unit have two (2) inch ball type trailer hi chains in accordance with SAE J684F installed	tch <u>6000 r</u> d?	ound ca	pacity with do	ouble safety NO
X7.10 H	ydraulic Power Pack:				
X7.10.1	Does unit have 12 volt DC motor, pump, valve equal?	, reservoir, 1	nanual l	and pump or YES	approved NO
X7.11 M	lessage Cabinet Dimensions: (approximate)	•			
X7.11.1	Length: 138 inches	·	1		
X7.11.2	Height: <u>75</u> inches	$\mathcal{J}^{*} = \mathcal{Q}^{*}$			
X7.12 C	entral Processing Unit - CPU specifications (Mi	nimum):		/	
X7.12.1	Microprocessor Based 27.1 MHz			V _{YES}	NO
	If No, you must specify			-	

X7.12.2	Power requirements: 175 mA DC at 12 volts DC
X7.12.3	Specify screen size: 15 mA DC at 10 volts DC Specify screen size: 167/2 character lines with characters per line
X7.12.4	Are interfaces (2) RS232 9 pin D connectors and documentation on port numbers and pins?
	In addition, is one (1) USB port or one (1) ETHERNET Port with USB adaptor provided YES N0
X7.12.5	Will application source code be delivered with unit OR YESNO
	held in escrowYESNO and provided to WVDOT in case company goes out of business?NO
X7.12.6	Will technical documentation for unit and for application programs be provided? YESNO
X7.12.7	Features considered as standard equipment but not addressed:
X7.12.8	Does unit comply with OSHA of 1979 and subsequent amendments?YESNO
X7.12.9	Will unit be painted manufacturers standard colors and materials
	Does unit meet guidelines for advertising? YESNO
X7.12.11	Will Manufacturer or Dealer provide training and training aids as specified? YESNO
X7.13 Co	mmunications:
X7.13.1	Will unit be guarded from any unwanted outside RF interference which would include but not be limited to VHF/FM receiver, 2 way radio receiver, cell phones etc. YESNC
X7.13.2	Is each PVMS controlled and monitored by its own sign controller directly from the control console inside the control cabinet on the trailer itselfYESNO
X7.13.3	Is the PVMS sign controller able to receive instructions from and provide information to a computer containing PVMS control software compliant using NTCIP compliant communications modes YESNO

X7.13.4	Remote Communications control via wireless communications with	a remote	ly located	l computer
			YES	NO
	Does the system communications backbone, as well as all field n provide the PVMS sign controller with a RS232 signal having a and 115.200 bps.	nodems o baud rat	r signal (é betwee	converters, n 2,400 bps
	and 115,200 bps.		YES	NO
	Is communications static IP based with a static IP based moden	ı installe	Yon the t	trailer
			YES	NO
X7.13.5	Is local communications control accomplished via direct connect that is connected directly to the sign control using a null moden	ction with connect	a laptor ion and l	computer
	between 2,400 bps and 115,200 bps.	<u> </u>	YES _	NO
X7.13.6	Is local communications control available via a keypad and LC	D interfa	ce	
12.12010	Is local communications control available via a keypad and LC		YES	NO
	Are the features of additional or removal of message or messag playing messages, adjustment of luminosity to manual or auton miscellaneous data like battery voltage, photocells reading, etc.	atic, and	the mor	IS list of nitoring of
			YES _	NO
	•			

Portable

Variable Message Signs



Full Matrix
WTMMB-SLL(A) Hydraulic lift
WTMMB-SLL(B) Manual winch



Mini Matrix

WVTM(A) Hydraulic lift

WVTM Manual winch

EU-Series Matrix Sign

WEMB

Designed for international use
Displays multiple languages
Bright, full-matrix display
Energy efficient, clean and silent
CE compliant

Onboard computer

Easiest programming in the industry

Solar charging

Low power consumption and more uptime

Meets MUTCD and is NTCIP-compliant

Wanco full-matrix variable message signs are the ideal choice when you need to get information to the public. The full matrix allows the greatest flexibility for displaying any type of message—large or small letters, symbols and graphics.

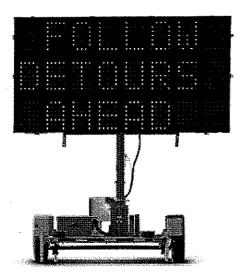
Wanco three-line message signs are capable of displaying three rows of alphanumeric characters. The three-line's highly legible, ultra-bright LEDs display your message clearly.

Unsurpassed quality, engineering and value, paired with a multitude of functions and options, make these signs perfect for a wide variety of applications.



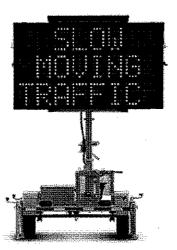
Wanco developed the EU-Series Portable Variable Message Signs specifically for Europe and the Middle East. EU-Series signs use state-of-the-art technology to achieve the best visibility and the least power consumption of any portable variable message sign.

Wanco's super-bright diodes allow the use of just two LEDs per pixel, without sacrificing brightness. The lens-and-visor assembly optically enhances brightness and angularity while reducing power consumption. The result is extended run time and longer battery life, while maintaining superior legibility.



Three-Line

WTLM8-SLL(A) Hydraulic lift
WTLM8-SLL(B) Manual winch



Mini Three-Line

WVT3(A) Hydraulic lift WVT3 Manual winch

Features and Benefits

Setup features

Full-size signs weigh less than 3000 pounds, mini-size less than 2000, and can be towed by most vehicles

Standard tow hitch for easy transport

Hydraulic lift or heavy-duty hand-winch allows one person to easily raise and lower the message board

Tower rotates 360 degrees for optimal positioning

Single disk brake holds board in place during operation, and a cradle supports and holds board in travel position

Operational features

Self-contained onboard computer does not require a laptop or external controller

Easiest programming in the industry for simple deployment

Preprogrammed text messages, symbols and graphics

Quick-reference instructions silkscreened on control panel include most commonly performed tasks

Internal clock facilitates built-in schedule programming

Multiple alphanumeric fonts on matrix signs make messages clear and legible

Optical lenses and sunshades increase visibility and performance

Wide footprint provides stability in high wind, while optional outriggers add even more support

Multi-level password protection limits access to control software

Control box can be locked to prevent unauthorized access

Standard QWERTY keyboard is easily replaced

Power system

Energy-efficient operation results in long run times

Solar panels charge batteries automatically without intervention

Computer shuts down solar-panel charging system when batteries are fully charged, preventing damage

Unique system allows battery charging with solar panels and commercial power

Cooling fans protect sign cabinet and battery charger from overheating

Battery box can be locked to prevent unauthorized access

Maintenance

Individual character modules can be replaced easily

Standard 15-inch trailer tires

Heavy-duty bolt-on steel fenders can be replaced if damaged

Durable powder-coat finish resists the elements

Standards compliance

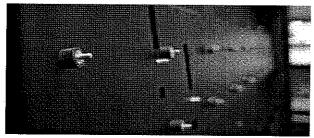
NTCIP compliant

Meets MUTCD

AASHTO (NTPEP) tested

Portable

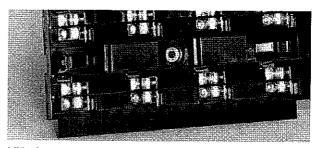
Variable Message Signs



Rubber vibration-isolation mounts

Rubber vibration mounts decrease physical shock to the LED character modules and isolate them from chassis ground. This mounting technique prolongs the life of the modules, increasing both reliability and uptime.

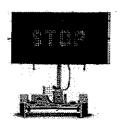
The face of the sign cabinet is covered by an impact-resistant clear polycarbonate resin thermoplastic door that further protects the characters. The door is angled to reduce glare.



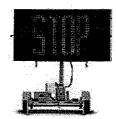
LED characters

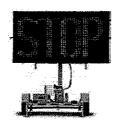
Characters feature clusters of four LEDs that comprise the "pixels." An optical lens over each pixel magnifies the intensity of the LEDs and increases angularity. A visor shades each row of pixels from sunlight, maximizing brightness.

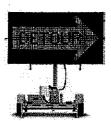
All Wanco character boards feature 5-mil silicone conformal coating, to provide long-term protection against moisture and other atmospheric contaminants.



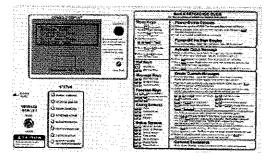








Wanco matrix signs provide a variety of font sizes and styles—many more than are shown here—as well as standard and custom symbols and graphics



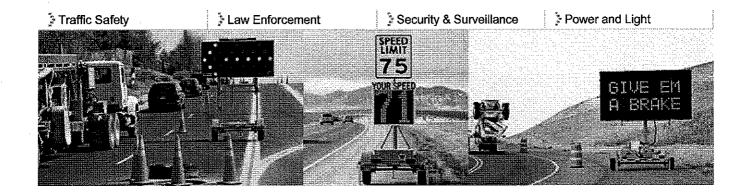
Matrix sign control panel

Wanco portable message signs have a self-contained onboard computer, making a laptop or external controller unnecessary.

Changing the message is simple, as Wanco signs feature the easiest programming in the industry. The control console includes an LCD display and quick-reference instructions for many common commands.

Signs come configured with preprogrammed standard messages. A quickmessage function provides for display of select messages with a keystroke. Multiple programming options provide flexibility for multiple applications.

Unauthorized access to the console is virtually eliminated with multiplelevel password protection, a removable keyboard, and a locking control box that resists tampering.



Standard Wanco Warranty

MANUFACTURER'S LIMITED WARRANTY

WANCO INC. (WANCO) warrants to the original user that each product of its manufacture is free from defects in material and workmanship if properly installed, serviced, and operated under normal conditions.

WANCO's obligation under this warranty is limited to correcting without charge at its factory any part or parts thereof which shall be returned to its factory prepaid within one year after being put into service or 12 months after purchase by the original user, whichever is earlier, and which upon examination shall disclose to WANCO's satisfaction to have been originally defective. In any event, warranty will not extend beyond one year (12 months) from the date of original purchase from WANCO, except as described in the following paragraph.

Under the conditions described above, WANCO variable message signs, WANCO LegiBrite™ signs, and WANCO arrow boards purchased after February 15, 2010, are warranted for a period of five years after being put into service or 60 months after purchase by the original user, whichever is earlier. In any event, warranty will not extend beyond five years (60 months) from the date of original purchase from WANCO. WANCO light towers are warranted for a period of two years after being put into service or 24 months after purchase by the original user or 2,000 hours of operation, whichever is earliest. In any event, warranty on WANCO light towers will not extend beyond two years (24 months) from the original purchase date from WANCO.

This warranty shall not apply to any WANCO product that must be replaced because of normal wear, that has been subject to misuse, negligence or accident, or that has been repaired or altered outside of WANCO's factory unless authorized by WANCO.

WANCO makes no warranties with respect to engines or other component parts or accessories not manufactured by WANCO, same being subject only to such warranties, if any, as may be made by their respective manufacturers. WANCO does warrant that it will put forth its best efforts on behalf of original users of its products to assure that such manufacturer's warranties are satisfactorily performed.

THIS WARRANTY, AND THE MANUFACTURER'S OBLIGATION HEREUNDER, IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, and all other obligations or liabilities including special or consequential damages or contingent liabilities arising out of the failure of any product or part to operate properly. WANCO shall not be liable for any special, indirect, incidental or consequential damages whether in contract, tort, under any warranty or otherwise, beyond the warranty quoted herein for products or parts.

No person is authorized to give any other warranty or to assume any additional obligation on WANCO's behalf unless made in writing and signed by an officer of the Manufacturer.



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JOE DINALDO

LOGAN CORPORATION

CLARKSBURG WV 26301

212 N OHIO AVENUE

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

Request for Quotation

7011EC20

PAGE 1

ADDRESS CORRESPONDENCE TO ATTENTION OF

EUYER 33

304-558-2402

DIVISION OF HIGHWAYS EQUIPMENT DIVISION

ROUTE 33

BRUSHY FORK ROAD

BUCKHANNON, WV

26201

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PRE-BID CONFERENCE

	SIGN	SIGN IN SHEET	
Request for Quotation Number:	Der: 7011EC20	Date:	3/15/2011
Project Description:	Trailor Mounted Solar Board	ır Board	
PLEASE PRINT LEGIBLY. MAY RESULT IN DELAYS Firm Name: Firm Address:	PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION. Hadres: 100 Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in A TIMELY MANNER. FAILURE TO DO SO Contact the Attenta in Address in Address in Address in Address in Address in Address in Address in Address in Address in Address in Addr	MPORTANT BID INFORMATION. A CORP Firm Name: Firm Address:	American Signal Co. 2755 Bankers Industrial Dr. Atlante GA 30360
Represenative Attending: Phone Number: Fax Number: Email Address:	1-800-327-4417 1-630-379-9270	Represenative Attending: Phone Number: Fax Number: Email Address:	Casey Inoue 770. 448, 6650 170. 448, 8970 choue@amsis.com
Firm Name: Firm Address:	Logan Corporation 242 N. Ohis Ave. Clarksburg, WV 26301	Firm Name: Firm Address:	MOON
Represenative Attending: Phone Number: Fax Number: Email Address:	Joe Unaldo 34-641-2011 34-623-5678 jdinaldo@leganOrp.Com	Represenative Attending: Phone Number: Fax Number: Email Address:	Low Kley
Firm Name: Firm Address:	Roadsate Trethic Systems 4301 151 Avenué Autre, WV 25143	Firm Name: Firm Address:	2 CHOT
Represenative Attending: Phone Number: Fax Number: Email Address:	204-539-3881 or 755-1200 305-397-2836 cadams & readsofetiatfic.com	Represenative Attending: - Phone Number: Fax Number: Email Address:	Lan Echiel

PRE-BID CONFERENCE

	SIGN	SIGN IN SHEET		
Request for Quotation Number:	7011EC20	Date:	3/15/2011	
Project Description:	Trailor Mounted So	nted Solar Board		
PLEASE PRINT LEGIBLY. TI MAY RESULT IN DELAYS IN Firm Name: Firm Address:	PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION. Firm Name: Firm Address: High Address:	NTACT THE ATTENDEES IN A BID INFORMATION. Firm Name: Firm Address:	TIMELY MANNER. FAILURE TO DO SO	
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Firm Name:	Angwi Moormay	Firm Name: Firm Address:		
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Rev. 09/08

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4./	Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
requiren	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the nents for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency cted from any unpaid balance on the contract or purchase order.
authorize the requ	nission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and es the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid ired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential.
and acc	benalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true curate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate is during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.
Bidder:	Logan Corporation Signed: Joseph M. W. W.
Date:	4/11/11 Title: Territory Mgr.

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

REQ No. 7011EC20

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aogregate.

DEFINITIONS:

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

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions, "Political subdivision" means any country commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more countles or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

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

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

MILMERS I HE FOLLOWING SIGNAL DICE	
Vendor's Name: Logan Corp.	7
Authorized Signature: House	Date:
State of	
County of Rankha to-wit:	av of April 2011
Taken, subscribed, and sworn to before me thisd	ay of 77011
My Commission expires Asgust	
AFFIX SEAL HERE	NOTARY PUBLIC

