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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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EQUIPMENT DIVISION BRUSHY FORK ROAD BUCKHANNON, WV 26201 304-472-1750

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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).



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SIGNATURE TELEPHONE

DATE

TITLE

ADDRESS CHANGES TO BE NOTED ABOVE

SEE REVERSE SIDE FOR TERMS AND CONDITIONS



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BUCKHANNON, WV
26201 304-472-1750

DATE PRINTED TERMS OF SALE . SHIP VIA F.O.B FREIGHT TERMS 02/08/2011 BID OPENING DATE: 04/12/2011 **BID OPENING TIME** 01:30PM CAT. LINE QUANTITY UOP ITEM NUMBER UNIT PRICE AMOUNT CONTACT PERSON (PLEASE PRINT CLEARLY): THIS IS THE END OF RFQ 7011EC20 ***** TOTAL: SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE TELEPHONE DATE TITLE FEIN ADDRESS CHANGES TO BE NOTED ABOVE

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

PROCUREMENT SPECIFICATIONS NO. 843-1-G

OPEN END CONTRACT

FULL MATRIX TRAILER MOUNTED SOLAR POWERED MESSAGE BOARD

1.0 PURPOSE

It is the purpose of these specifications to describe a Full Matrix Trailer Mounted Solar Powered Message Board (hereinafter referred to as a "unit") to be purchased for use by the West Virginia Division of Highways (DOH) on an Open End Contract basis.

2.0 BIDDING PROCEDURES

The current purchasing procedures regarding bidding as established by the Department of Administration, Purchasing Division, shall apply. Failure to submit the "Request for Quotation" forms, complete in its entirety and according to directions indicated, may subject the bidder to disqualification. Each bid submitted shall also be accompanied by a Bidder's Evaluation Report completed in detail. Addendums in order, along with exception sheets, should be with Bidder's Evaluation Report. FAILURE TO SUBMIT THE BIDDER'S EVALUATION REPORT, COMPLETE IN ITS ENTIRETY, WILL RESULT IN AUTOMATIC DISQUALIFICATION.

3.0 SPECIFICATIONS

The specifications named herein, mandatory and non-mandatory, establish the acceptable level of quality only and are not intended to reflect a preference or favor any particular brand or vendor.

3.1 EXCEPTIONS TO NON-MANDATORY SPECIFICATIONS

Exception to a non-mandatory unit specification may be made by the bidder, providing the exception is not available from the manufacturer. Any such exception must be noted on the bidder's evaluation report and should be accompanied by supporting documentation/literature from the manufacturer. Any exception must be indicated on a separate attachment to the bidder's evaluation report and labeled as "Exception to Specifications". The state reserves the right to waive minor irregularities in bids or specifications in accordance with §148-1-4(f) of the WV Legislative Rules and Regulations.

3.2 MANDATORY SPECIFICATIONS

All specifications preceded by "shall, will, and/or must" or are stated as a "minimum and/or maximum" are mandatory as stated in Purchasing Divisions Policies and Procedures. Any bid failing to meet any mandatory item shall be immediately disqualified. Failure to respond in the appropriate evaluation section will also be grounds for immediate disqualification at the discretion of the State.

A mandatory pre-bid conference is scheduled for this equipment purchase as stated in the RFQ. Vendors having products with variations or exceptions in specified mandatory items are expected to address any such variations or exceptions during the pre-bid conference. The State shall review and consider any such variation or exception, and may at its sole discretion, issue an addendum to change mandatory specifications deemed to be in the State's best interest. Bids from any vendor failing to attend the mandatory pre-bid shall be disqualified. Bids containing any variation or exception to a mandatory specification that was not addressed during the pre-bid conference and accepted by the issuance of an Addendum shall be disqualified.

4.0 REPRESENTATIVE UNIT FOR TEST

The successful vendor must (if specified) provide DOH one (1) completed representative unit to be observed and evaluated on each order to insure compliance with specification. If requested, the time period for testing and evaluation shall be seven (7) working days following receipt of the unit. DOH will incur no obligation for deterioration of surfaces, finishes, seals, and mechanical or electrical parts on the unit resulting from operation and testing within the limits of these specifications; nor will DOH incur obligation for damage to the unit resulting from failure to meet specifications when due care and attention is given by DOH and testing is done within the limits of these specifications. Failure of the pilot unit to satisfactorily meet specifications as bid may be cause for cancellation of the purchase order, and return of the delivered unit along with all associated equipment to the vendor at the vendor's expense.

4.1 CONDITION OF UNIT(S) UPON DELIVERY

All units must arrive at the prescribed delivery point having been completely preserviced with oil, lubricants, and coolant. All prescribed precautions pertaining to first operations and break-in of the unit are to be posted conspicuously on the unit for ready observance by the operator.

4.2 DELIVERY

Delivery point of the completely assembled representative unit will be the DOH, Equipment Division, Route 33 at Brushy Fork Road, Buckhannon, West Virginia (26201).

The vendor is responsible for guaranteeing delivery of the completed units within the time specified and agreed to by the State. Delivery is preferred within 120 days after receipt of purchase agreement. The vendor is responsible for establishing and coordinating delivery terms with allied manufacturers or suppliers. Delivery terms should be stated in the bid and the State reserves the right to accept or reject such terms. Failure to reach an agreement may result in rejection of the bid. The successful bidder shall provide their manufacturer's confirmation of the order to the WVDOH contact person within seven (7) working days after receiving the approved purchase order.

A completed pilot model for inspection must be provided within 30 calendar days after receipt of the purchase agreement by the successful vendor.

Delivery is an integral part of this specification and failure to comply will be cause to initiate a D.O.T. Administrative Form WV-82, Vendor Performance Form. The WV-82 Form will provide a means of officially notifying the Purchasing Division and the vendor of unsatisfactory performance; such as late deliveries, poor service, inadequate parts supplies, etc.

The decision to initiate subject Form will be at the sole discretion of the D.O.H. Commissioner's established Equipment Review Board.

Issuance of the WV-82 Vendor Complaint Form on unsatisfactory delivery against any vendor will be cause to refuse to consider similar items from those vendors on future Request For Quotations.

(NOTE: Delivery time could be altered due to labor strikes, severe inclement weather conditions, etc.)

5.0 AWARD CRITERIA

- DOH will recommend the award in accordance with the RFQ evaluation criteria described in the requisition. The award shall be made to the lowest unit cost vendor that meets or exceeds the specifications. DOH reserves the right to place multiple orders in any quantity.
- 6.0 SPECIFICATIONS AND GUIDELINES GENERAL
- 6.1 IDENTIFICATION OF THE UNIT BEING PROPOSED

The bidder must identify the unit by manufacturer, model, series, and year of manufacture, to enable identification by DOH in the manufacturer's specifications of the proposed unit. The bidder will submit complete descriptive literature of the proposed unit, to establish that the bid is the manufacturer's most current model, including latest engineering improvements, which have been, or will imminently be, regularly advertised and sold on the open market. The unit specified herein and offered

to be manufactured after January 1, 2011 and be clearly identified and marked with date of manufacture.

6.2 OPERATING AND SERVICE MANUALS AND PARTS LISTS

An operator's manual must be included with each unit upon delivery. A "line sheet" (if applicable) and Equipment Preventative Maintenance Questionnaire (as shown in X6.2 of the Bidder's Evaluation Report) must be with pilot unit upon delivery. In addition, there must be 12 service, shop, or maintenance manuals; ten (10) to be distributed to the Districts and two (2) for the Equipment Division. Also, there must be 14 parts manuals; ten (10) to be distributed to the Districts and four (4) for Equipment Division use. CD ROM is preferred in lieu of parts or service manuals.

* NOTE: MANUALS SHALL BE DELIVERED UPON COMPLETION OF DELIVERY OF TOTAL UNITS. FAILURE TO DO SO WILL DELAY PAYMENT.

6.3 TRAINING:

Manufacturers and/or dealers will be required to stage a thorough seminar on the subjects of Preventative Maintenance, Operator and Mechanic Training. In order to keep the operators and mechanics updated, the successful vendor shall conduct training with each purchase order against this open end contract. Training is preferred within 2 working days after delivery of the pilot unit on the individual purchase order.

Manufacturers and/or dealers shall be required to furnish the Training Academy with one (1) Operator's Manual to be shipped direct to WVDOH Training Academy, Post Office Box 610, Buckhannon, West Virginia 26201 prior to delivery of the pilot.

The seminar to be held at the W. Va. Division of Highways, Equipment Division, Buckhannon, West Virginia.

6.4 PREVENTIVE MAINTENANCE AND OPERATOR PROCEDURES:

Manufacturers and/or dealers will be required to submit to the Equipment Division, in addition to the operating and service manuals, booklets and pamphlets explaining the Preventive Maintenance and Operator Procedures to be used by the operators of this equipment, and must include such things as daily prestart inspection procedure, service schedule, and routine maintenance required, safety precautions, etc.

The successful vendor shall furnish all training aids; i.e., videos, projectors, etc. required in conducting the training.

6.5 WARRANTY AND SERVICE POLICY

The Manufacturers warranty or service policy is to apply to the unit. Such warranty or service policy is to be recognized at any authorized unit dealer, representing manufacturer of proposed unit throughout the State of West Virginia. The applicable warranty or service policy will not be contingent upon obtaining routine service, lubrication, and servicing of the unit from factory authorized agencies. It will be the responsibility of the bidder to have available labor to repair or replace any defective replacement parts, components and materials, and to have available those replacement parts, components, and/or materials found to be defective during the terms of the warranty period. The bidder should state the labor rates, locations where parts will be stocked, availability of parts, and discounts offered for parts, when terms of the warranty offer a pro-rated cost for parts and labor. In addition, the successful bidder should offer field work to repair or replace defective parts, components, and materials found to be defective during the terms of the warranty and should provide mechanic's travel rates. mileage charges, field mechanic rates, and any surcharge for miscellaneous items, if applicable, for field work during the warranty period. Submit to Division of Highways any technical or engineering improvements during the term of the warranty. The unit must be accompanied upon delivery by the unit's manufacturer's executed warranty or service policy.

A mandatory minimum two (2) year bumper to bumper basic parts and labor warranty excluding abuse and normal wear items is required for this unit.

THE "WARRANTY AND SERVICE POLICY QUESTIONNAIRE" ATTACHED IN THE BIDDER'S EVALUATION REPORT MUST BE COMPLETED IN ITS ENTIRETY BY THE SUCCESSFUL BIDDER OR MANUFACTURER PRIOR TO DELIVERY OF THE PILOT MODEL. (SEE SECTION X6.5 OF BIDDER'S EVALUATION REPORT).

6.6 EVALUATION COMMITTEE REQUIREMENTS

Detailed component specifications, product literature, component models, required for specification compliance determination by the Evaluation Committee should be provided with each bid. Any information supplied that is contrary to/or conflicting with the specifications and/or attached Bidders Evaluation Report may be sufficient cause for rejection of bid.

6.7 UNSPECIFIED ACCESSORIES & FEATURES

All parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, must be furnished with each unit and required to conform to strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry.

All parts and accessories advertised and regularly supplied as standard shall be included, except those which would represent duplication of these specified, and except those which, by specification, are not to be furnished. All standard safety features, required by Federal and State Law, shall be included.

7.0 SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

To be a trailer mounted Full – Matrix Variable Message Board consisting of an optically enhanced L.E.D.s. L.E.D.s shall have a minimum of a 30° vertical and 30° horizontal cone of visibility. The full-matrix panel shall be powered by a bank of batteries in order to convey bright, distinctive messages to the traveling public. All Full-Matrix Variable Message Boards shall be tested by AASHTO's National Transportation Product Evaluation Program (NTPEP).

- 7.1 Batteries shall be automatically recharged by a group of solar panels located at the highest point on the unit.
- 7.1.1 Unit shall be designed with sufficient energy backup to operate for a period of 30 days without any sun.
- 7.1.2 The solar panel generator array should recharge the battery bank at a rate of approximately 2.5 hours sun to one (1) 24 hour period of usage. (Refer 7.5.3)
- 7.2 Sign Panel Construction:
- 7.2.1 To be of aluminum construction or fabricated with powder coated sheet metal and in a flat black finish. All exposed panels and seams shall be corrosion proof for a minimum of ten (10) years. With construction, all panels/parts shall be assembled as to prevent corrosion or to prevent dissimilar metal reaction from occurring.
- 7.2.2 The sign panel frame to be a welded assembly constructed of aluminum alloy channel, or from steel panels powder coated in a corrosion proof manner for a minimum of ten (10) years.

- 7.2.3 Length of sign panel shall not exceed 140 inches.
- 7.2.4 Face of sign shall incorporate measures to prevent fading from UV light, such as a polycarbonate or lexan face with UV inhibitors incorporated. Other methods shall be subject to review and approval.
- 7.2.5 The sign face shall be of a sufficient size in order to display three (3) lines of eight (8) characters, with each character to be eighteen (18) inches tall by twelve (12) inches wide. Characters to be spaced a minimum of three (3) inches apart.
- 7.2.6 Each character configuration to contain 54 L.E.D. lamp pixels in a six (6) element horizontal by nine (9) element vertical arrangement.
- 7.2.7 Each pixel shall consist of a minimum of three (3) LEDs.
- 7.2.8 Message color to be approximately 590 nanometers.
- 7.3 The sign to have capability to display up to six (6) messages in sequence, with variable timing in ¼ second increments under computer control.
- 7.3.1 As part of the manufacturer's pre-programmed message sequences, arrow display and flashing caution functions shall be included. All arrow and flashing caution displays described in the current MUTCD shall be provided.
- 7.3.2. All abbreviations used in pre-programmed messages shall be in compliance with the current MUTCD.
- 7.3.3. Entire sign to have capability to change all lines of message copy in not more than 100 mili-seconds.
- 7.3.4. The sign shall be clearly visible a minimum of 4500 feet.
- 7.3.5. The sign legend shall be legible from a minimum distance of 1,000 feet under daylight conditions as defined determined by NTPEP for two –non-traffic word message.
- 7.3.6. The sign legend shall be legible from a minimum distance of 900 feet under night-time conditions as determined by NTPEP for a two non-traffic word message.
- 7.3.7. Under variable light conditions, the unit shall automatically adjust light source so as to meet the visibility requirements, without being too bright or too dim.

- 7.4 Solar Message Board Support
- 7.4.1 Solar message board sign panel shall be supported on a telescoping upright member in order to permit raising the sign panel for operation and lowering the panel for transport. The upright must be capable of 360 degrees rotation and to lock into any position to which it is manually or electrically rotated.
- 7.4.2 Raise and lower travel to be approximately four (4) feet and shall be accomplished by a hydraulic power pack.
- 7.4.3 The bottom of the sign to be minimum of seven (7) feet above ground level when in the raised position.
- 7.4.4 In transport position, the sign shall orient to the longitudinal axis of the trailer in a manner that effectively reduces aerodynamic drag during towing.
- 7.5 Power and Miscellaneous Equipment:
- 7.5.1 Unit shall be designed to accept two (2) power sources; one (1) being a battery bank consisting of four (4) size 4-D, deep cycle, lead acid 12 volt DC batteries wired in parallel (or as designed to meet power/time requirements).
- 7.5.2 The second power supply to have the capability of the unit to accept existing 120 volt commercial electric service.
- 7.5.3 Batteries to be recharged by a solar panel array producing approximately 165 watts of power. (Refer 7.1.2)
- 7.5.4 Unit shall provide a built-in battery charger with a minimum 25 ampere per hour rating.
- 7.5.5 Battery bank shall be housed in lockable heavy duty weatherproof battery boxes.
- 7.5.6 The two (2) power sources to be enclosed in an appropriate protective housing.
- 7.5.7 Batteries to be capable of being recharged by a commercial 110 volt battery charger.
- 7.6 Control Requirements:
- 7.6.1 The unit shall be controlled in all functions by an on-board dedicated computer of solid state design and be removable.

7.6.2	Unit shall include a keyboard through which user originated messages may be
	entered for display or storage.

- 7.6.3 Include an LCD display screen upon which messages can be reviewed before display on sign board.
- 7.6.4 Computer shall store a minimum of 250 programmed messages for display when called upon by user through the keyboard.
- 7.6.5 Capability of storing a minimum of 100 message sequences.
- 7.6.6 Unit to maintain stored message list.
- 7.6.7 Unit to provide password coding or key entry.
- 7.6.8 Provide control programming to present sequences messages under operator control through keyboard entry.
- 7.6.9 Provide control for moving arrow displays.
- 7.7 Solar Panel Control Unit
- 7.7.1 The computer and power control unit shall be housed in a weather resistant, shock resistant lockable control box which includes lighting for night-time operation.
- 7.7.2 Power control unit to contain two (2) current meters; one (1) to show amperage generated with the battery charge operating, and one (1) to indicate amperage generated from the solar panels to be stored in the battery bank.
- 7.7.3 The power control unit shall incorporate a PV regulator with thermal compensation for variances in ambient temperature to regulate the charge rate to the battery bank.
- 7.7.4 The unit to incorporate an automatic intensity control feature in order to keep L.E.D. lamp matrix intensity constant with a reduction in voltage.
- 7.7.5 The message unit must provide a photocell in order to reduce the lamp intensity at night eliminating blinding.

- 7.8 Trailer:
- 7.8.1 Two (2) wheel trailer shall be structurally adequate to serve both platform for components.
- 7.8.2 Fenders: Steel fenders to be provided and installed over each wheel.
- 7.8.3 Trailer to be equipped with a hydraulic brake actuator system.
- 7.8.4 Leveling Jacks: Four (4) crank type, heavy duty, industrial leveling jacks; one (1) at each corner of the trailer deck to be installed.
- 7.9 Lighting:
- 7.9.1 Unit shall include LED tail lights, stop lights, turn signals, license mount with light, and all necessary reflectors.
- 7.9.2 Trailer electrical cable and connector (Cole Hersee Pt# 12081 male or equal) compatible with towing vehicles to be installed.
- 7.9.3 All trailer wiring to be encased in heavy duty hypalon type industrial wire looms clamped to underside of the trailer structural tubing.
- 7.9.4 A two (2) inch ball type trailer hitch 6,000 pound capacity with double safety chains in accordance with SAE J684F shall be installed.
- 7.10 Hydraulic Power Pack:
- 7.10.1 Shall be 12 volt DC motor, pump, valve, reservoir, manual hand pump or approved equal.
- 7.11 Message Cabinet Dimensions:
- 7.11.1 Length: Maximum length of 140 inches.
- 7.11.2 Height: Maximum of 79 1/2 inches
- 7.12 Central Processing Unit CPU Specifications (Minimum):
- 7.12.1 Microprocessor Based 27.1 MHz.
- 7.12.2 Power requirements: 175 mA DC at 12 volts DC.
- 7.12.3 Screen Size: Minimum of Three (3) lines, with Eight (8) characters per line.

- 7.12.4 Interfaces: (2) RS232 9 pin D connectors and documentation on port numbers and pins. In addition, one USB port or one ETHERNET Port with USB adaptor shall be provided
- 7.12.5 Code: Application source code to be delivered with unit or held in escrow and provided to WVDOH in case company goes out of business.
- 7.12.6 Documentation: Technical documentation for unit and for application programs.
- 7.12.7 Unit shall include all other features considered as standard equipment but not specifically addressed previously.
- 7.12.8 Vendor must certify that must certify that unit offered will comply with Occupational Safety and Health Act of 1970 and subsequent amendments.
- 7.12.9 Paint: The complete unit to be painted with the manufacturers standard colors and materials.
- 7.12.10 Advertising: Manufacturer to attach a metal plate on the unit stating manufacturer, date of manufacture, serial number, model number, etc. No large decals or painted advertisements are permitted.
- 7.12.11 Preventive Maintenance and Operator Procedures: Manufacturers and or Dealers shall provide a preventive maintenance and operator orientation seminar at the Equipment Division, in Buckhannon, WV. All training aids i.e., videos, charts, manuals, etc., to furnished by successful vendor.

7.13 Communications:

- 7.13.1 Unit shall 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.
- 7.13.2 Each PVMS shall be controlled and monitored by its own sign controller directly from the control console inside the control cabinet on the trailer itself.
- 7.13.3 The PVMS sign controller shall be able to receive instructions from and provide information to a computer containing PVMS control software compliant using NTCIP compliant communications modes:

- 7.13.4 Remote Communications control via wireless communications with a remotely located computer. The system communications backbone, as well as all field modems or signal converters, shall provide the PVMS sign controller with an RS232 signal having a baud rate between 2,400 bps and 115,200 bps. Communications shall be static IP based with a static IP based modem installed on the trailer.
- 7.13.5 Local Communications control shall be accomplished via direct connection with a laptop computer that is connected directly to the sign control using a null modem connection and a baud rate between 2,400 bps and 115,200 bps.
- 7.13.6 Local Communications control shall be available via a keypad and LCD interface. Features shall include addition or removal of message or message (s) from the PVMS list of playing messages, adjustment of luminosity to manual or automatic, and monitorthe monitoring of miscellaneous data like battery voltage, photocells reading, etc.

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.:	
	Bidder's Name:	
	Address:	
	Telephone Number:	
	Years Bidder has been registered to do business with the State of	West Virginia:YR
	Years Company has been an authorized dealer for proposed unit:	YRS
X3.2	Have you complied with all mandatory specifications?	YESNO
	DELIVERY:	
X4.2.1	Delivery date of completed representative unit:	Calendar Days After Receipt of Purchase Agreement
X4.2.2	Delivery date of balance of completed units:	Calendar Days After Receipt of Purchase Agreement

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:	_per unit	
	SPECIFICATIONS - GENERAL Manufacturer, model, series, and date of manufacture of proposed unit:		
	Is descriptive literature, fully describing proposed unit attached to your bid?		NO
X6.2	Will the required number of service manuals, and complete parts list be d Equipment Division at Buckhannon upon completion of delivery of total to		
	Will the required Equipment Preventive Maintenance Form (Section X6 Report) be provided upon inspection of the pilot unit?	2 of Bidders YES	

X6.2 2-10-00

EQUIPMENT PREVENTATIVE MAINTENANCE QUESTIONNAIRE

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY BY SUCCESSFUL BIDDER OR MANUFACTURER'S TECHNICAL REPRESENTATIVE PRIOR TO DELIVERY OF PILOT MODEL TO THE WVDOH.

DESCRIPTION:				М	IAKE:	
M	ODEL:		YEAR:	PI	URCHASE AMOUN	T:
ENGINE:	MAKE:		MODEL:		FUEL TYPE:	
	HORSEPOWER:		CYLINDER: _	E	NGINE SERIAL:	
	COOLING SYSTI	EM CAPACITY:				
BELTS:	DESCRIPTION:			PART NU		
CVW						
						REAR:
TIRES:	FRONT MAKE &	SIZE:			 	
	REAR MAKE & S	SIZE:				
DIMENSIC	ONS OF UNIT:	LENGTH:		WIDTH: _	· · · · · · · · · · · · · · · · · · ·	LENGTH:
VENDOR (CONTACT PERSON	N:			PHONE:	
PARTS:						
BATTERY	MAKE:		MODEL:		CCA	\ :
TOP OR SI	DE POST:	ECTOP ON A VE	DIMENSION	S: LENGTH_	WIDTH	A:HEIGHT
FUEL PUN	JUGS OR FUEL INJ JP OR INJECTION	ECTORS MAKE: _ PUMP MAKE:		MODEL:		
ALTERNA	TOR MAKE:			PART #:		
STARTER	MAKE:			PART #:		
TURBO CI	HARGER MAKE: _			PART #: _	p.,	
TRANS. M HYDRAUI	IAKE: LIC PUMP MAKE:	MODI	EL:	MODEL:	AUTO/MANU	AL:
	·					TURER TYPE
OIL			ENG	INE _		
AIR INNE	R		TRA	NSMISSION_		
AIR OUTE	ER .		POW	ER STEERIN	IG	
FUEL PRI	MARY	,	HYL	KAULIC _		
COOLAN	CONDARY		Diff	EKENHALS		
	LIC		BRA			
OTHER			ОТН			
				· · · · · · · · · · · · · · · · · · ·	*	

	and a			
X6.3	TRAINING:			
	Will training seminar be conducted on Preventive Maintenance, Operator asY			raining
	Will you conduct training with each purchase order against this open e		ntract? YES	NO
	Will training be conducted within 2 working days from the delivery of the purchase order?		nit on the	
	If NO, explain time frame			
	Will an Operator's Manual be furnished directly to Training Academy delivery of the pilot?	_	to the	NO
X6.4	If you are the successful vendor, will you furnish all training aids, i.e., vin conducting the training? YESNO	videos	, projecto	ors, required
	in conducting the training? YESNO	opera	tor proc	edures, and
X6.4.1	in conducting the training? YESNO Will all manuals, booklets, etc. explaining preventive maintenance, service schedule be delivered with each unit?	opera	tor proc	edures, and
X6.4.1	in conducting the training? YESNO Will all manuals, booklets, etc. explaining preventive maintenance, service schedule be delivered with each unit? If NO, explain	opera	tor proce	edures, and NO
X6.4.1 X6.5	will all manuals, booklets, etc. explaining preventive maintenance, service schedule be delivered with each unit? If NO, explain WARRANTY AND SERVICE POLICY Will the warranty and service you provide comply with all areas as stated in YES NO	opera	tor proce	edures, and NO

X6.5 WARRANTY AND SERVICE POLICY QUESTIONNAIRE

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

1. De	efine the terms of the star	adard warranty. If not offered, so state. (Attach copy)	
2. De	efine warranty service to	be performed at DOH facilities and warranty service to be performed at facility. List name and location of manufacturer's representative.	
3. Li		ntories that are within the State of West Virginia. Also, list availability levels, if	
4 Dı	Iring the term of warrant	y, list the guarantee discount to manufacturer's published list price for parts that	
	er will sell the parts to over		
A. B. C.	Terms: Net 30 Terms: Net 60 Terms: Net 90	Manufacturer's published list price less:% discount Manufacturer's published list price less:% discount Manufacturer's published list price less:% discount	
	aring the term of warrant ways?	y, will all manufacturers or engineering improvements be submitted to Division oYESNO	f
6. Dı	uring the term of warrant	y, list the guaranteed rates charged for repair to the unit.	
A.	Shop Rate	\$ per mechanic hour	
В.	Travel Time Charge (Specify if one-way)	\$ per mechanic hour; port to port	
C.	Mileage Charge (Specify if one-way	\$ per vehicle mile; port to port	
D.	Field Mechanic Rate	\$ per mechanic hour	
E.	Specify period of time	that prices are in effect:	
F.	Surcharge for miscell	aneous items:%	

X6.6	EVALUATION COMMITTEE REQUIREMENTS	
	Is all component specifications, product literature, component committee bid determination?	onent models provided for Evaluation YES NO
X 6.7	Will all parts, equipment, accessories, material, design specified herein, but which are necessary to provide a and conform in strength, quality of material, and qual advertised and provided to the market in general by t	complete unit, be furnished with the unit lity of workmanship to those which are
X6.7.1	Are all parts and accessories adequate and regularly s those which may be duplications of specifications here to be furnished?	supplied as standard to be included except in, and except these by specification are noYESNO
X6.7.2	Are all standard safety features that are required by I	Federal and State statutes of law included?YESNO
X7.0	SPECIFICATIONS OF THE QUOTED UNIT:	
	The bidder should complete the following schedule in ord unit to the specifications. Should the bidder except a requ the basis that such feature is not offered by the manufactu discretion as to whether the bidder's substitution mee	uirement, then such exception may be only on urer. The Division will have the sole
	Manufacturer: Mod	el:
	Is unit a trailer mounted Full – Matrix Message Board co	nsisting of an optically enhanced L.E.D.'s YES NO
	Are the L.E.D.s minimum of a 30° vertical and 30° ho	rizontal cone of visibilityYESNO
	Is the full matrix panel powered by a bank of batterie messages to the traveling public	s in order to convey bright, distinctiveYESNO
	Are full matrix variable message boards tested by AA Evaluation Program (NTPEP).	SHTO's National Transportation Product VES NO

X7.1	Are batteries automatically recharged by a group of solar panels located at highest point on the unit? YESNO
X7.1.1	Is unit designed to have sufficient energy backup to operate for 30 days without any sun?YESNO
X7.1.2	Will solar panel generator recharge the battery bank at 2.5 hours sun to one (1) 24 hour period usage?YESNO
X7.2	Sign Panel Construction:
X7.2.1	Is sign panel aluminum constructed or fabricated with powder coated sheet metal and in a flat black finishYESNO
	All exposed panels and seams are corrosion proof for a minimum of ten (10) yearsYESNO
	With construction, are all panels/parts assembled as to prevent corrosion or to prevent dissimilar metal reaction for occurring YESNO
X7.2.2	Is sign panel frame a welded assembly and constructed of aluminum alloy channel or from steel panels powder coated in a corrosion proof manner for a minimum of ten (10) years YES NO
X7.2.3	What is length of sign panelinches?
X7.2.4	Does face of sign incorporate measures to prevent fading from UV light, such as polycarbonate or lexan face with UV inhibitors incorporatedYESNO
	Is another method used?YESNO Has it been reviewed and approved?YESNO
X7.2.5	Does sign face have size to display three (3) separate lines of eight (8) charactersYESNO
	Size of characters: inches tall and inches wide?
	Spacing of characters: inches apart
X7.2.6	Does each character configuration contains 54 LED lamp pixels in six (6) element horizontal by nine (9) element vertical arrangement?YESNO
X7.2.7	Each pixel consists of LED'S
X7.2.8	Message color:nanometers
X7.3	Does sign have capability to display six (6) messages in sequence, with variable timing in 1/4 second increments under computer control? YESNO

X7.3.1	Is arrow display and flashing caution functions included as part of programmed message sequences	f the manufactu YES	_
	Will all arrow and flashing caution displays described in the curre	ent MUTCD pro	
X7.3.2	Are all abbreviations used in pre-programmed messages in compl MUTCD	iance with the c	
X7.3.3	Does the entire sign have capability to change all lines of message copseconds	oy in not more th	
X7.3.4	Will sign be clearly visible a minimum of 4500 feet	YES	NO
X7.3.5	Will sign legend be legible from a minimum distance of 1,000 feet determined by NTPEP for two non-traffic word message.	under daylight YES	
X7.3.6	Will sign legend be legible from a minimum distance of 900 feet undetermined by NTPEP for a two non-traffic word message	_	
X7.3.7	Under variable light conditions, will the unit automatically adjust visibility requirements, without being too bright or too dim	_	
X7.4 S	olar Message Board Support:		
X7.4.1	Will solar message board sign panel be supported on a telescolorder to permit raising the sign panel for operation and lower		
		YES	
	. Is the upright capable of 360 degrees rotation and to lock into manually or electrically rotated	any position to YES	
X7.4.2	Raise and lower travel: feet and accomplished by a hydraulic	power packYES	NO
X7.4.3	Bottom of sign feet above ground level when in raise posit	ion	
X7.4.4	When transporting, will sign orient to the longitudinal axis of the effectively reduces aerodynamic drag during towing?	trailer in a man	
X7.5 P	ower and Miscellaneous Equipment:		
X7.5.1	Is unit designed to accept two (2) power sources; one (1) being a befour (4) size 4D, deep cycle, lead acid 12 volt DC batteries wired in meet power/time requirements		designed to
X7.5.2	Does second power supply to have capability to accept existing 120 v service?		electric YES NO

X7.5.3	Batteries are recharged by a solar panel array producing watts o	f power	
X7.5.4	Does unit have a built-in battery charger with minimum 25 amp per	r hr rating? YES	NO
X7.5.5	Is battery bank housed in lockable heavy duty weatherproof battery	y boxes? 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 batteries	ery charger? YES	_NO
X7.6 Co	entrol Requirements:		
X7.6.1	Is unit controlled in all functions by an on-board dedicated computeremovable?	er of solid sta YES	
X7.6.2	Does unit have keyboard which user originated messages may be enstorage?	ntered for disp	
X7.6.3	Does unit have an LCD display screen, where messages are reviewed be	efore being dis	
X7.6.4	Computer stores programmed messages for display whethrough keyboard	nen called upo	
X7.6.5	Capability of storing 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 Sc	olar Panel Control Unit:		
X7.7.1	Is computer and power control unit housed in weather resistant, she control box including lighting for night time operation?	ock resistant YES	
X7.7.2	Does power control unit contain two (2) current meters; One (1) shows battery charger operating and one (1) indicates amperage generated fro in battery bank?		nels be stored
X7.7.3	Does power control unit incorporate a PV regulator with thermal	-	for variances

X7.7.4	Does unit incorporate an automatic intensity control feature to keep constant with a reduction in voltage?		mp matrix YES	
X7.7.5	Does message unit provide a photocell to reduce lamp intensity a		liminating YES	
X7.8 Tr	ailer:		IES	_NO
X7.8.1	Is two (2) wheel trailer structurally adequate to serve as both pla		r compon YES	
X7.8.2	Are fenders made of steel and installed over each wheel?	_YES _	NO	
X7.8.3	Is trailer equipped with hydraulic brake actuator system?	_YES _	NO	
X7.8.4	Is unit equipped with four (4) crank type, HD industrial leveling jack corner of the trailer deck?) installed YES	
X7.9 Li	ghting:			
X7.9.1	Does unit include LED taillights, stop lights, turn signals, license necessary reflectors?		with light YES	
X7.9.2	Are trailer electrical cable and connector (Cole Hersee Pt #12081 m towing vehicles installed?		ıal) compa YES	
X7.9.3	Is all trailer wiring encased in heavy duty hypalon type industrial wir of trailer structural tubing?	ire looms	clamped t	to underside NO
X7.9.4	Does unit have two (2) inch ball type trailer hitchpound chains in accordance with SAE J684F installed?	l capacit	y with do	uble safety NO
X7.10 H	ydraulic Power Pack:			
X7.10.1	Does unit have 12 volt DC motor, pump, valve, reservoir, manuequal?		oump or a YES	
X7.11 M	essage Cabinet Dimensions: (approximate)			
X7.11.1	Length: inches			,
X7.11.2	Height:inches			
X7.12 C	entral Processing Unit - CPU specifications (Minimum):			
X7.12.1	Microprocessor Based 27.1 MHz		_YES	NO
	If No, you must specify			

X7.12.2	Power requirements: mA DC at volts DC		,
X7.12.3	Specify screen size: character lines with characters per line		
X7.12.4	Are interfaces (2) RS232 9 pin D connectors and documentation on port numb	_	ins?
	In addition, is one (1) USB port or one (1) ETHERNET Port with USB adaptoYES	-	
X7.12.5	Will application source code be delivered with unit OR YES	NC)
	held in escrowYESNO and provided to WVDOT in case company goes out of business?YES	NO	
X7.12.6	Will technical documentation for unit and for application programs be providYES		
X7.12.7	Features considered as standard equipment but not addressed:		
X7.12.8	Does unit comply with OSHA of 1979 and subsequent amendments?	YES	NO
X7.12.9	Will unit be painted manufacturers standard colors and materials	_YES	NO
X7.12.10	Does unit meet guidelines for advertising?	YES	NO
X7.12.11	Will Manufacturer or Dealer provide training and training aids as specified?_	YES	_NO
X7.13 Co	emmunications:		•
X7.13.1	Will unit be guarded from any unwanted outside RF interference which would be limited to VHF/FM receiver, 2 way radio receiver, cell phones etc.	d include l YES	
X7.13.2	Is each PVMS controlled and monitored by its own sign controller directly from console inside the control cabinet on the trailer itself YES		
X7.13.3	Is the PVMS sign controller able to receive instructions from and provide info computer containing PVMS control software compliant using NTCIP compliant communications modes	ınt	

X 7.13.4	Remote Communications control via wireless communications with a remo	otely located	d computer		
	. index	YES	NO		
	Does the system communications backbone, as well as all field modems provide the PVMS sign controller with a RS232 signal having a baud in				
	and 115,200 bps.	YES	NO		
	Is communications static IP based with a static IP based modem instal	led on the t	trailer		
		YES			
X7.13.5	Is local communications control accomplished via direct connection we that is connected directly to the sign control using a null modem connected.				
	between 2,400 bps and 115,200 bps.	YES	NO		
X7.13.6	Is local communications control available via a keypad and LCD inter	face			
	• • • • • • • • • • • • • • • • • • •	YES	NO		
	Are the features of additional or removal of message or message(s) from the PVMS list of playing messages, adjustment of luminosity to manual or automatic, and the monitoring of miscellaneous data like battery voltage, photocells reading, etc. included				
		YES	NO		

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 data of this partification; are
·	ing 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,
6.	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.
require against	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ments 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 acted from any unpaid balance on the contract or purchase order.
authoriz the requ	mission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and zes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid uired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information d by the Tax Commissioner to be confidential.
and ac	penalty 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 es during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.
Bidder:	Signed:
Date: _	

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

RFQ No.	
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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 owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name:			
Authorized Signature:	Date:		
State of		•	
County of, to-wit:	`		
Taken, subscribed, and sworn to before me this	day of December, 20		
My Commission expires	, 20		
AFFIX SEAL HERE	NOTORY PUBLIC		