

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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DIVISION OF HIGHWAYS **EQUIPMENT DIVISION** ROUTE 33 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. All quotations are governed by the West Virginia Code and the Legislative Rules of the Purchasing Division.
- Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
- 5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, 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.
- 6. Payment may only be made after the delivery and acceptance of goods or services.
- 7. Interest may be paid for late payment in accordance with the West Virginia Code.
- 8. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- 9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
- 12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 13. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
- 14. HIPAA Business Associate Addendum The West Viginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division.
- 2. SPECIFICATIONS: 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. Complete all sections of the quotation form.
- 4. Unit prices shall prevail in cases of discrepancy.
- 5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 6. BID SUBMISSION: 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.

SIGNED BID TO:

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



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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

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JOHN JOHNSTON 304-558-2402

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

DATE PRINTED TERMS OF SALE SHIP VIA F.O.B. FREIGHT TERMS 08/24/2006 BID OPENING DATE: 10/04/2006 BID OPENING TIME 01:30PM CAT. LINE QUANTITY UOP ITEM NUMBER UNIT PRICE AMOUNT TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING THIRTY (30) DAYS WRITTEN NOTICE. UNLESS SPECIFIC PROVISIONS ARE STIPULATED IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS, AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT. THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL RENEWAL: WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR. SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS. CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN. OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMME-DIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES CINCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK). QUANTITIES LISTED IN THE REQUISITION ARE QUANTITIES: APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIES BY THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN. SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE TELEPHONE DATE TITLE FEIN ADDRESS CHANGES TO BE NOTED ABOVE



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F.O.B. DATE PRINTED: TERMS OF SALE SHIP VIA: FREIGHT TERMS 08/24/2006 BID OPENING DATE: 10/04/2006 BID OPENING TIME 01:30PM CAT AMOUNT QUANTITY UOP. UNIT PRICE LINE ITEM NUMBER ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN EQUIPMENT CONTRACT ORDER (FORM NUMBER WV-35) FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL WV-35 MUST BE SENT TO THE PURCHASING DIVISION OF THE DEPARTMENT OF ADMINISTRATION. AFTER APPROVAL AND ENCUMBRANCE, ONE COPY OF THE PURCHASE ORDER WILL BE RETURNED TO THE SPENDING UNIT AND ONE COPY FOR-WARDED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT. NO ORDER IS VALID UNLESS APPROVED AND ENCUMBERED BY THE PURCHASING DIVISION. IN THE EVENT THE VENDOR/CONTRACTOR FILES BANKRUPTCY: FOR BANKRUPTICY PROTECTION, THIS CONTRACT IS AUTOMATI-CALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER. REV. 9/98 EXHIBIT 6 PRICE ADJUSTMENT PROVISION: THE STATE OF WEST VIRGINIA WILL CONSIDER BIDS THAT CONTAIN PROVISIONS FOR PRICE ADJUSTMENTS PRIOR TO THE ORIGINAL EXPIRATION OF THE CONTRACT, PROVIDED THAT SUCH PRICE ADJUSTMENT COVERS BOTH UPWARD AND DOWNWARD GOVEMENT OF THE COMMODITY PRICE, AND THAT ADJUSTMENT IS BASED ON THE "PASS THROUGH" INCREASE OR DECREASE OF RAW MATERIALS AND/OR LABOR, WHICH MAKE UP ALL OR A SUBSTANTIAL PART OF A PRODUCT. ADJUSTMENTS ARE TO BE BASED UPON AN ACTUAL DOLLAR FIGURE, NOT A PERCENTAGE. ALL PRICE ADJUSTMENT REQUESTS MUST BE SUBSTANTIATED IN A MANNER ACCEPTABLE TO THE DIRECTOR PURCHASING, E.G. GOVERNMENTAL BENCH MARKS, GENERAL MARKET INCREASE, PUBLISHED PRICE LISTS. SUCH REQUESTS FOR AND INCREASE SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE TELEPHONE DATE TITLE FEIN ADDRESS CHANGES TO BE NOTED ABOVE



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# WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

#### PROCUREMENT SPECIFICATIONS NO. 521-1-D

#### TRAILER MOUNTED ASPHALT KETTLE

#### 1.0 PURPOSE

It is the purpose of these specifications to describe a Trailer Mounted Asphalt Kettle (hereinafter referred to as a "applicator" or 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. FAILURE TO SUBMIT THE BIDDER'S EVALUATION REPORT, COMPLETE IN ITS ENTIRETY, MAY 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 determine whether the stated exception does or does not reduce the quality and performance of the unit. Failure to provide information for any exceptions may be grounds for rejection of the bid. 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 and/or must" or are stated as a "minimum and/or maximum" are mandatory. Any bid failing to meet any mandatory item shall be immediately disqualified. Failure to respond in the appropriate evaluation section may 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 the first order only to insure compliance with specification. If requested, the time period for testing and evaluation shall be seven (7) calendar 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 shall 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 90 days. The vendor is responsible for establishing and coordinating delivery terms with allied manufacturers or suppliers. Delivery terms shall be stated in the bid and the State reserves the right to accept or negotiate 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 45 calendar days after the date 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

5.1 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.

Prices for the units shall be in quantities of 1-5 and 6-10. However, for evaluation purposes, we will use quantities 1-5. 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, in the bid 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, 2006 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 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.

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.

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:

It is the purpose of the following specifications to describe a Double Boiler Type Melter Applicator that shall be the manufacturers current production model. This unit shall be capable of heating and applying, without any further equipment modifications, all grades of asphalt rubber sealants, specification joint sealants, and fiber modified sealants. The machine shall be capable of starting at ambient temperature and bringing the sealant material to application temperature in one (1) hour or less. All bidders shall have and maintain a complete inventory of repair parts; as well as having experience service personnel available to service the equipment.

#### 8.0 Frame:

- 8.1 This unit shall be trailer mounted. The tongue to be equipped with a 2 ½ inch pintle hitch; the center of which shall be a minimum of 25 inches from the nearest obstruction on the tongue.
- 8.1.2 Trailer tongue shall be adjustable in height above ground level from a minimum of 20 inches to a maximum of 28 inches permitting practically level towing with a variety of towing vehicles.
- 8.1.3 The towing hitch must be bolted to the hitch plate for easy height adjustment and/or conversion to other type hitches.
- 8.1.4 Longitudinal side frames and tongue members should be of one (1) continuous piece construction.
- 8.1.5 The configuration of the channels should be cold formed with the flanges on the outside resulting in a one (1) piece frame member with no cross welding of or on the flanges to avoid any possibility of flange stress cracking.
- 8.2 Trailer:
- 8.2.1 The unit shall be equipped with dual axle; each axle to have a safe load capacity of 3500 lbs.
- 8.2.2 Axles shall be equipped with four (4) underslung multi-leaf springs or torsion type.
- 8.2.3 Unit shall be equipped with electric brakes and safety break-away switch.
- 8.2.4 Wheels to be drop center steel disc type.
- 8.2.5 Tires should be Tubeless Type Load Range D adequate for specified unit.

- 8.2.6 Tongue jack shall be provided; tongue jack capacity shall be minimum of 5,000 lbs. preferably side mounted.
- 8.2.7 Trailer tongue shall include two (2) safety chains not less than 48 inches length of 3/8 inch coil proof.
- 8.2.8 Total weight of unit (less material in tank) to be approximately 3,500 lbs.
- 8.3 Lights:
- 8.3.1 Unit shall have dual taillights, stop lights, right and left turn signals.
- 8.3.2 License plate holder shall be attached to the left rear taillight.
- 8.3.3 Lighting plug to be Cole Hersee Part #12081 male or equal
- 8.4 Heating Tank:
- 8.4.1 Heating tank capacity of 200 U.S. gallons at ambient temperature.
- Unit shall have a double boiler type jacket which creates a reservoir that shall hold a minimum of 27 U.S. gallons of heat transfer oil at 70°F.
- 8.4.3 The jacket shall wrap around 100% of the outside area of the circular material tank and allow for complete circulation of the heated transfer oil.
- 8.5 Loading Hatch:
- 8.5.1 A low profile opening for loading of material provided at the top of the tank and located on the curb side of the unit for operator safety.
- 8.5.2 Loading height should not exceed 57 inches.
- 8.5.3 The opening should provide approximately 380 square inches (16" x 24" approximate) capable of accepting blocks of material.
- 8.5.4 Lid should be hinged and provided with a shelf to put material on in order to provide easy anti splash loading as well as a locking pin.
- 8.5.5 The heating tank shall be adequately insulated with 1 1/2 inch thick high temperature ceramic insulation or equivalent and covered by a 16 gauge steel (approximate) outer wrapper.
- 8.5.6 A cold seal tank to be provided to minimize oil oxidation and prevent moisture condensation into the heat transfer oil.

- 8.6 Heating:
- Heat transfer oil to be adequately heated by high efficiency forced air diesel fired burner directly to the bottom of the heat transfer oil tank.
- 8.6.2 Total area exposed to the burner should be a minimum of 6,560 square inches (45.5 square feet).
- 8.6.3 The material tank should have a minimum of 5,708 square inches (39.6 square feet) of contact with the heat transfer oil.
- 8.6.4 Heating oil to be continuously circulated by means of a hydraulically driven gear pump at approximately 1.1 U.S. gallons per minute in order to provide a melt rate of a minimum of 1,700 lbs. per hour.
- 8.6.5 Burner shall be lighted via a constant duty high voltage transformer powering an electric spark ignitor.
- 8.6.6 The ignition shall work in conjunction with a sensor that will detect a lack of burn or ignition and shut down fuel supply in that event.
- 8.6.7 Thermostatic control should be located on the curbside of the machine for operator safety.
- 8.7 Pumping Unit and Piping:
- 8.7.1 Material pump shall be approximately 2 inches positive displacement helical gear pump or equivalent, quiet operation with equal efficiency in either direction of rotation.
- 8.7.2 The pump to be hot oil jacketed for rapid heating by being piped in series with the heat transfer oil circulation pump.
- 8.7.3 All piping and material valves shall be heated by enclosure within the heating chamber.
- 8.7.4 A "T" pipe shall be incorporated into the material plumbing system that will allow for the optional connection of a "molasses" valve for filling pour pots with or without utilizing the applicator hose.
- 8.7.5 Control handles for opening and closing the recirculation valve, applicator valves, and main tank valve shall be located outside the heating chamber at the rear curb side of the unit for both operator convenience and protection from handling excessively hot control handles.
- 8.8 Hose Heating Chamber:
- 8.8.1 The unit, heating chamber, and wand shall be designed and constructed that under normal day-to-day operation no clean out procedure is required.

- 8.8.2 Provisions shall be made to attach air hoses for compressed air cleaning after using exceptionally thick and heavy sealants or when preparing the unit for long periods of storage.
- 8.8.3 The hose heating chamber shall be equipped with a temperature gauge to insure proper regulation of temperature to hose and application wand while in heating chamber.
- 8.8.4 An adjustable damper to be installed over the flue vent for the heating chamber.
- 8.8.5 Hose and applicator wand storage racks with drains in the floor to be incorporated in the heating chamber.
- 8.8.6 Doors and side walls shall be 100% insulated.
- 8.8.7 Hinged doors to be lockable and designed to overlap and interconnect.
- 8.8.8 Provisions shall be made for operation of applicator hose while doors remain closed to insure continuous heating of piping extraneous to the material tank.
- 8.9 Temperature Control:
- 8.9.1 Melter applicator shall have a digital temperature control device with a high temperature limit switch which will automatically shut off the burner if the heat transfer oil reaches 575°F. Forced air diesel fuel burner rated at 372,000 BTU.
- 8.9.2 Unit shall provide two (2) dial type temperature gauges to visually indicate actual temperature of heat transfer oil and material temperature. Gauges should be located on top curbside of the unit.
- 8.9.3 A third temperature gauge to be located at the discharge side of the material pump to positively identify sealant temperature just prior to placement.
- 8.9.4 Melter shall have infinite control of temperature for the broad range of sealants to be applied.
- 8.10 Agitation:
- 8.10.1 The sealant material to be mixed by a hydraulically driven full sweep vertical agitator with two (2) Opposing horizontal paddles with vertical riser attached to extreme ends or similar method.
- 8.10.2 Agitation feature shall insure that hot material stays in the lower area of the tank and does not get splashed or thrown to the upper areas of the tank where build up can occur.
- 8.10.3 Agitator to rotate in either direction with infinite speed control.

## 8.11 Engine:

The unit shall be equipped with a diesel fueled engine complying with the following specifications.

- 8.11.1 Engine: 23 HP Approximate
- 8.11.2 Engine shall be electric start and equipped with engine manufacturers recommended maintenance free battery and charging system.
- 8.11.3 Engine shall be equipped with manufacturers heavy duty oil and air filter systems.
- 8.11.4 Diesel engine to be water cooled.
- 8.11.5 Cooling system shall be capable of maintaining the engine temperature within the manufacturers recommended temperature range during continuous operation under maximum speed and load combinations.
- 8.11.6 Coolant system shall be filled with permanent type anti-freeze rated to a minus 40°F..
- 8.11.7 Engine shall be equipped with manufacturers recommended mechanical governor.
- 8.11.8 Engine noise level not to exceed 85 dba at a distance of 6 feet from the unit while in operation.
- Unit should provide a minimum 30 U.S. gallon fuel tank for operation of diesel engine and burner.
- 8.12 Sealant Hose and Applicator Wand:
- 8.12.1 Hose to be one inch (1") inside diameter and minimum of 20 feet length.
- 8.12.2 Hose shall be insulated, rubber coated, steel braid reinforced, and neoprene lined.
- The hose shall be specifically manufactured for handling of all petroleum based products up to temperatures of 400°F at 300 PSI work pressure.
- 8.12.4 The hand applicator to have two (2) insulated handles; one (1) of which is connected to a quarter turn ball valve used to control flow of material.
- 8.12.5 Applicator wand should disconnect at center allowing for storage in the heat chamber.
- 8.12.6 A variety of nozzles shall be provided and shall be attachable to the applicator wand.
- 8.13 Shoe Box:
- 8.13.1 An external box shall be supplied capable of holding and recirculating a wand tip or shoe of at least six inches (6") in diameter.

- 8.13.2 A locking device shall also be incorporated that will lock the hand wand to the "shoe box" or the re-circulating tube.
- 8.14 Paint shall be manufacturers standard for model bid.
- 8.15 Vendor must certify that unit offered will meet or exceed the "Occupational Safety and Health Act of 1970" or subsequent changes that are in effect at time of manufacture of the unit.
- 8.16 Advertising: No visible decals or nameplates or painted on names representing the manufacturer or model number of trademark should appear on the exterior surfaces of the unit. Such logos created through the stamping or casting process of manufacture are expected.
- 8.17 Preventive Maintenance & Operator's Training School:

Manufacturers and/or dealers shall be required to stage a thorough seminar on the subjects Preventive Maintenance and Operator Training. The seminar to be conducted at Division of Highways Equipment Division, Buckhannon, W. Va.

To make the program complete, in addition to the operating and service manuals, booklets and pamphlets explaining the Preventive Maintenance and Operator Training procedures to be used by the operators of this equipment, must include such things as daily prestart inspection procedure, service schedule and routing maintenance required, safety precautions, etc.

Bidder shall attach a copy of the proposed program with his bid, state the time required to perform the program, and briefly describe his program.

# NOTE: Vendor should type the Bidder's Evaluation Report

# WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

#### BIDDER'S EVALUATION REPORT

# PROCUREMENT SPECIFICATIONS FOR OPEN END CONTRACT NO. 521-1-D

#### TRAILER MOUNTED ASPHALT KETTLE

NOTE TO BIDDER: Procurement Specification No. 521-1-D, 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. 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:	YRS
	Years Company has been an authorized dealer for proposed un	it:	YRS
X4.2	DELIVERY:		
X4.2.1	Delivery date of completed representative unit:	Calendar Days After Date of Purchase Agreement	
X4.2.2	Delivery date of balance of completed units:	Calendar Days After Date of Purchase Agr	eement

X5.0	AWARD CRITERIA;			
X5.1	Prices for unit in quantities of	1-5 6-10	per unit per unit	
	SPECIFICATIONS - GENERAL Manufacturer, model, series, and date of manufacturer	acture of proposed unit:		
	Is descriptive literature, fully describing propos	sed unit attached to your bid?	YES	NO
	If not, why?			
X6.2	Will the required number of service manuals, at Division at Buckhannon upon completion of de	nd complete parts list be delivelivery of total units?	ered to the Equ	nipment NO
	Will the required Equipment Preventive Mainte be provided upon inspection of the pilot unit?		Bidders Evalu	

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.

DESCRIPT	TION:			MA	KE:	
M	ODEL:		YEAR:	PU	RCHASE AMOUN	T:
ENGINE:	MAKE:	***	MODEL:		FUEL TYPE:	
	HORSEPOWER:	***************************************	CYLINDER: _	EN	GINE SERIAL:	
	COOLING SYST	EM CAPACITY: _	······································			
BELTS:	DESCRIPTION:			PART NUM		
			***************************************			
GVW:		AXLE CAPAC	ITY: FRONT:			REAR:
TIRES:	FRONT MAKE &	z SIZE:				
	REAR MAKE &	SIZE:				
DIMENSIC						LENGTH:
VENDOR (	CONTACT PERSO	N:	***************************************		PHONE:	
PARTS:						
RATTERY	MAKE		MODEI ·		CCA.	
TOP OR SI	DE POST:		DIMENSIONS	: LENGTH	WIDTH	HEIGHT
SPARK PLI	UGS OR FUEL INJ	ECTORS MAKE:		PART#		
FUEL PUM	IP OR INJECTION	PUMP MAKE:		MODEL:		
ALTERNA'	TOR MAKE:			PART #:		
STARTER	MAKE:			PART #:		
TURBO CH	IARGER MAKE: $_$			PARI#:		
TRANS. M.	AKE:	MODE	EL:		AUTO/MANUA	L:
HYDRAUL	IC PUMP MAKE:			MODEL:		
FILTERS	MAKE	PART NO.	LUBR	ICANT	MANUFACTU	JRER TYPE
OIL			ENGIN			
AIR INNER			TRAN	SMISSION	,	
AIR OUTE			POWE	R STEERING	****	
FUEL PRIM	IARY		HYDR	AULIC		
FUEL SECO	IARYONDARY		DIFFE	RENTIALS		
COOLANT			BRAK	E FLUID _		
HYDRAUL	IC		COOL	A X !' E'		
OTHER			OTHE:		·····	

X6.3	TRAINING:
	Will training seminar be conducted on Preventive Maintenance, Operator and Mechanic TrainingYESNO
	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
	Will an Operator's Manual be furnished to the Training Academy? 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 _____ YES _____ NO

Is warranty literature attached?

YES NO

# X6.5 WARRANTY AND SERVICE POLICY QUESTIONNAIRE

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY BY THE SUCCESSFUL BIDDER OR MANUFACTURERS TECHNICAL REPRESENTATIVE PRIOR TO DELIVERY OF PILOT MODEL TO THE WVDOH (If additional lines are needed, make copies of form.)

1. D	efine the terms of the sta	andard warranty.	If not offered, so state. (Atta	ich copy)
			DOH facilities and warranty ame and location of manufact	
3. Li knov		entories that are v	within the State of West Virg	inia. Also, list availability levels, if
	uring the term of warran er will sell the parts to o		tee discount to manufacturer	's published list price for parts that
A. B. C.	Terms: Net 30 Terms: Net 60 Terms: Net 90	Manufacturer's	published list price less: published list price less: published list price less:	% discount
	uring the term of warran ways?	ty, will all manuf	acturers or engineering impro	ovements be submitted to Division ofNO
6. Di	uring the term of warran	ty, list the guaran	teed 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	<del></del>
C.	Mileage Charge (Specify if one-way	***************************************	per vehicle mile ; port to port	_
D.	Field Mechanic Rate	\$	per mechanic hour	
E.	Specify period of tim	e that prices are in	n effect:	
F	Surcharge for miscell	aneous items:	%	

# X6.6 EVALUATION COMMITTEE REQUIREMENTS Is all component specifications, product literature, component models provided for Evaluation YES NO Committee bid determination? 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 YES NO provided to the market in general by the unit industry? 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 not to be furnished? X6.7.2 Are all standard safety features that are required by Federal and State statutes of law included? YES NO SPECIFICATIONS OF THE QUOTED UNIT X7.0The 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 specifications. Manufacturer: _____ Model: _____ Is unit capable of heating and applying, without further modifications, all grades of asphalt rubber sealants, specification joint sealants, and fiber modified sealants? Is the machine capable of starting at ambient temperature and bring sealant material application YES NO temperature within one (1) hour? Will you have and maintain a complete inventory of repair parts and have experienced service personnel YES ____NO available to service the equipment? X8.0 Frame: Is the unit trailer mounted? YES _____NO X8.1 Is the tongue equipped with a 2 ½ inch pintle hitch? _____ YES _____ NO The center is _____ inches from the nearest obstruction on the tongue.

Will level towing be permitted with a variety of towing vehicles? YES ____NO

The trailer tongue is adjustable in height above ground level from _____ inches to _____

X8.1.2

inches.

X8.1.3	Is the towing hitch bolted to the hitch plate for easy height adjustment and/or conversion to other type hitches? YESNO
X8.1.4	Are longitudinal side frames and tongue members one (1) continuous piece construction? YESNO
X8.1.5	Is the configuration of the channels cold formed with the flanges on the outside resulting in a one (1) piece frame member with no cross welding of or on the flanges to avoid any possibility of flange stress cracking?  YESNO
X8.2 Tı	railer:
X8.2.1	Is the unit equipped with dual axle; each axle having a safe load capacity of 3500 lbs.?  YES NO
X8.2.2	Are axles equipped with four (4) underslung multi-leaf springs or torsion typeYESNO
X8.2.3 X8.2.4	Is the unit equipped with electric brakes and safety break-away switch?YESNO  Are wheels drop center steel disc type?YESNO
X8.2.5	Tire Size: Type: Load Range:
X8.2.6	Is a tongue jack provided? YES NO
	Tongue jack capacity:lbs. Side mounted?YESNO
X8.2.7 D	oes trailer tongue include two () safety chains? YES NO
	Length: inches of inch coil proof
X8.2.8	Total weight of unit (less material in tank): lbs.
X8.3 Li	ghts:
X8.3.1	Does unit have dual taillights, stop lights, right and left turn signals? YES NO
X8.3.2	Is license plate holder attached to the left rear taillight? YESNO
X8.3.3	Lighting plug manufacturer and part number:
X8.4 He	eating Tank:
X8.4.1	Capacity: U.S. gallons at ambient temperature.
X8.4.2	Does unit have a double boiler type jacket which creates a reservoir? YES NO
	Reservoir holds U.S. gallons of heat transfer oil at 70°

X8.4.3	Does the jacket wrap around 100% of the outside area of the circular material tank and allow for complete circulation of the heated transfer oil?  YES NO				
X8.5 I	Loading Hitch:				
X8.5.1	Is a low profile opening for loading of material at the top of the tank located on the curb side of the unit for operator safety provided?  YESNO				
X8.5.2	Loading height inches.				
X8.5.3	The opening provides square inches ( inch x inch) capable of accepting blocks of material.				
X8.5.4	Is lid hinged and have a shelf to put material on to provide anti splash loading?  YESNO  Is there a locking pin?YESNO				
X8.5.5	Is heating tank adequately insulated? YESNO				
	Is insulation 1 1/2 inch thick high temperature ceramic? YES NO				
	If NO, explain				
	Covered by gauge steel outer wrapper.				
X8.5.6	Is a cold seal tank provided to minimize oil oxidation and prevent moisture condensation into the heat transfer oil?  YES NO				
X8.6 H	eating:				
X8.6.1	Heat transfer oil heated by high efficiency forced air diesel fired burner directly to the bottom of the heat transfer oil tank.  YES NO				
X8.6.2	Total area exposed to the burner: square inches ( sq. ft.)				
X8.6.3	Material tank has square inches ( sq. ft.) of contact with the heat transfer oil.				
X8.6.4	Is the heating oil continuously circulated by means of a hydraulically driven gear pump?				
	YES NO U.S. gallons per minute in order to provide a melt rate of lbs. per hour.				
X8.6.5	Is burner lighted via a constant duty high voltage transformer powering an electric spark igniter? YESNO				
X8.6.6	Does the ignition work in conjunction with a sensor that will detect a lack of burn or ignition and shut down fuel supply?  YES NO				

X8.6.7	Is the thermostatic control located on the curbside of the machine for operator safety?  YES NO
X8.7 Pı	umping Unit and Piping:
X8.7.1	Material pump is inch Type of gear pump:
	Is it quiet in operation with equal efficiency in either direction of rotation? YESNO
X8.7.2	Is the pump hot oil jacketed for rapid heating by being piped in series with the heat transfer oil circulation pump?  YESNO
X8.7.3	Is all piping and material valve heated by enclosure within the heating chamber?YESNO
X8.7.4	Is a "T" pipe incorporated into the material plumbing system that will allow for the optional connection of a "molasses" valve for filling pour pots with or without utilizing the applicator hose? YESNO
X8.7.5	Are control handles for opening and closing the recirculating valve, applicator valves, and main tank valve located outside the heating chamber at the rear curb side of the unit for both operator convenience and protection from handling excessively hot control handles? YESNO
X8.8 H	ose Heating Chamber:
X8.8.1	Is the unit, heating chamber, and wand designed and constructed that under normal day-to-day operation no clean out procedure is required?  YES NO
X8.8.2	Are provisions made to attach air hoses for compressed air cleaning after using exceptionally thick and heavy sealants or when preparing the unit for long periods of storage? YES NO
X8.8.3	Is the hose heating chamber equipped with a temperature gauge to insure proper regulation of temperature to hose and application wand while in heating chamber? YES NO
X8.8.4	Is an adjustable damper installed over the flue vent for the heating chamber?YESNO
X8.8.5	Are hose and applicator wand storage racks with drains in the floor incorporated in the heating chamber?YESNO
X8.8.6	Are doors and side walls 100% insulated? YESNO
X8.8.7	Are hinged doors lockable and designed to overlap and interconnect?YESNO

X8.8.8	Are provisions made for operation of applicator hose while doors remain closed to insure continuous heating of piping extraneous to the material tank?  YESNO
X8.9 Te	emperature Control:
X8.9.1	Does the melter applicator have a temperature control device with a high temperature limit switch which will automatically shut off the burner if the heat transfer oil reaches 575°F?
	Forced air diesel fuel burner rated atBTU
X8.9.2	Does the unit provide two (2) dial type temperature gauges to visually indicate actual temperature of heat transfer oil and material temperature?  YESNO
	Are gauges located on top curbside of the unit? YESNO
X8.9.3	Is a third temperature gauge located at the discharge side of the material pump to positively identify sealant temperature just prior to placement?  YESNO
X8.9.4	Does the melter have infinite control of temperature for the broad range of sealants to be applied?  YES NO
X8.10 A	
X8.10.1	Is the sealant material mixed by a hydraulically driven full sweep vertical agitator with two (2) opposing horizontal paddles with vertical riser attached to extreme ends? YES NO
X8.10.2	Does the agitation feature insure that hot material stays in the lower area of the tank and does not ge splashed or thrown to the upper areas of the tank where build up can occur? YES NO
X8.10.3	Does the agitator rotate in either direction with infinite speed control?YESNO
X8.11 E	ngine:
M	Ianufacturer: Model:
T	ype:
X8.11.1	Engine HP:
X8.11.2	Is engine electric start and equipped with engine manufacturers recommended maintenance free battery and charging system?YESNO
X8.11.3	Is engine equipped with manufacturers heavy duty oil and air filter system? YESNO
X8.11.4	Is the diesel engine water cooled? YESNO

X8.11.5	recommended temperature range during continuous operation under maximum speed and load combinations?  YESNO
X8.11.6	Is coolant system filled with permanent type anti-freeze rated to a minus 40°F.  YES NO
X8.11.7	Is engine equipped with manufacturers recommended mechanical governor?YESNO
X8.11.8	Engine noise level at a distance of 6 feet from the unit while in operation: dba
X8.11.9	Fuel tank for operation of diesel engine and burner: U.S. gallons
X8.12 Se	ealant Hose and Applicator Wand:
X8.12.1	Inside diameter of hose: inch Length: feet
X8.12.2	Is hose insulated, rubber coated, steel braid reinforced and neoprene lined? YESNO
X8.12.3	Is hose specifically manufactured for handling of all petroleum based products up to temperatures of 400°F at 300 PSI work pressure? YES NO
X8.12.4	Does hand applicator have two (2) insulated handles; one (1) of which is connected to a quarter turn ball valve used to control flow of material?  YESNO
X8.12.5	Does applicator wand disconnect at center allowing for storage in the heat chamber? YESNO
X8.12.6	Is there a variety of nozzles provided and attachable to the applicator wand?  YES  NO
X8.13 Sł	
X8.13.1	Is an external box supplied capable of holding and recirculating a wand tip or shoe of at least six inches (6") in diameter? YES NO
X8.13.2	Is a locking device incorporated that will lock the hand wand to the "shoe box" or the re-circulating tube?  YES NO
X8.14 Pa	int: (Describe the method of painting)
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X8.15	Does the proposed unit meet or exceed the "OSHA of 1970" and/or subsequent  YES NO	changes?	
X8.16	Does the unit conform to the advertising guidelines? (Describe)		
X8.17	Training:		
X8.17.1	Will preventative maintenance and operator's training seminar be provided?  YES		
X8.17.2	Will all manuals, booklets, etc. explaining preventive maintenance, operato schedule be delivered with each unit?  YES NO If NO, explain		and service
X8.17.3	Is proposed program attached with bid?  YES	NO	

REO No	707EC006

# 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 wendor 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.

#### LICENSING:

The vendor must be licensed in accordance with any and all state requirements to do business with the state of West Virginia.

#### 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. Vendors should visit <a href="https://www.state.wv.us/admin/purchase/privacy">www.state.wv.us/admin/purchase/privacy</a> for the Notice of Agency Confidentiality Policies.

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

Vendor's Name:				
Authorized Signature: _		Date:		
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No Debt Affidavi. Revised 02/08/06