

VENDOR

TITLE

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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 GUOVANTE CO. 1 TO 1 TE CO. 4

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ADDRESS CORRESPONDE	NCE TO ATTENTION OF:
BUYER 33	
304-558-2402	

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

26201 304-472-1750

ADDRESS CHANGES TO BE NOTED ABOVE

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

25309

Request for Quotation

7011EC04

PAGE

ADDRESS CORRESPONDENCE TO ATTENTION OF

BUYER 33

304-558-2402

304-756-2800 · NT COMPANY

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ANDERSON EQUIPMENT COMPANY
1 ANDYS WAY

SO CHARLESTON WV

***709014709**

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

26201 304-472-1750

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Request for p

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ADDRESS CORRESPONI	DENCE TO ATTENTION OF
BUYER 33	
304-558-2402	

ANDERSON EQUIPMENT COMPANY

304-756-2800

1 ANDYS WAY

***709014709**

SO CHARLESTON WV 25309

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

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TELEPHONE



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PRINTED TERMS OF SALE SHIP VIA FOR FREIGHT TERMS

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

ANDERSON EQUIPMENT COMPANY

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ADDRESS CORRESPONDENCE TO ATTENTION OF

BUYER 33

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

26201

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DATE PRINTED TERMS OF SALE SHIP VIA F.O.B. FREIGHT TERMS 09/29/2010 BID OPENING DATE: 11/10/2010 BID OPENING TIME CAT. LINE QUANTITY UOP ITEM NUMBER UNIT PRICE AMOUNT BID OPENING TIME: 1:30 PM PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: CONTACT PERSON (PLEASE PRINT CLEARLY): THIS IS THE END OF REQ 7011EC04 ***** TOTAL: SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE DATE TITLE FEIN ADDRESS CHANGES TO BE NOTED ABOVE

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

PROCUREMENT SPECIFICATIONS NO. 512-3-H

1500 GALLON ASPHALT DISTRIBUTOR MOUNTED ON A 32,000 LB. GVW CHASSIS CAB TRUCK

1.0 PURPOSE

It is the purpose of these specifications to describe a 1500 Gallon Asphalt Distributor Mounted on a 32,000 Lb. GVW Chassis Cab Truck (hereinafter referred to as a "distributor" 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. 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, SHALL 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, 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 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 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 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 120 calendar 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 90 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, 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, 2010 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 and truck.

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.

SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

- 7.0 CAB AND CHASSIS:

 Minimum two (2) year basic bumper to bumper warranty.
- 7.1 GVW plate rating: 32,000 lbs.
- 7.2 Cab to axle dimensions to be 102 inches minimum.
- 7.3 Wheel base to be 172 inches.
- 7.4 Manufacturer shall provide a frame that meets or exceeds all Federal requirements for GVWR specified that extends forward beyond the grille a minimum of 12 inches.
- 7.4.1 Frame yield strength 110,000 PSI.
- 7.4.2 R.B.M. 1,100,000.
- 7.5 Cab should be manufacturer's standard steel, aluminum, and/or fiberglass, equipped with one (1) piece tilt hood and fenders.
- 7.5.1 Cab door locks, both doors, keyed alike.
- 7.5.2 Cab to have dual sun visors.
- 7.5.3 Cab to have arms rests, right and left hand doors.
- 7.5.4 Seats to be fully adjustable air ride driver's and passenger seat; high back with head rest, cloth covered equipped with 3 point safety belts.

7.5.5	Cab to have rubber floor mats throughout cab area.
7.5.6	Manufacturer's standard turn signals, self-canceling type with 4-way hazardous flashers.
7.5.7	Cab to have manufacturer's heaviest duty heater and defroster.
7.5.8	Windshield wipers and washers shall be manufacturer's heaviest duty type with intermittent features. Washer system to have largest reservoir offered by manufacturer.
7.5.9	Unit to be equipped with Manufacturer's AM and FM radio.
7.6	Instruments: Manufacturer's gauges; to feature warning lights, and/or buzzers, and/or area of unsafe operation in red background to inform operator when operating conditions are exceeded.
7.6.1	Engine oil pressure gauge with warning buzzer or light.
7.6.2	Engine coolant temperature with warning buzzer or light.
7.6.3	Voltmeter or Ammeter
7.6.4	Engine RPM Tachometer
7.6.5	Speedometer with odometer
7.6.6	Primary air pressure with warning buzzer or light.
7.6.7	Auxiliary air pressure with warning buzzer or light.
7.6.8	Air filter restriction indicator (dash mounted).
7.6.9	Engine hour meter (controlled by engine operation, not by key switch).
7.6.10	Fuel gauges(s)
7.6.11	Rear view mirrors are to be dual, heated west coast type, approximately 7 x 16 inches adjustable, with convex mirror with powder coat finish, stainless steel or aluminum or composite housing and mounting brackets.
7.6.12	Grab handles for right hand and left hand sides of cab, rear of door opening.
7.6.13	Manufacturer's standard backup alarm, must be OSHA approved.

- 7.6.14 Manufacturer's standard air horns, cab mounted.
- 7.6.15 Manufacturer's standard air conditioning.
- 7.6.16 Front bumper made to accommodate front mounted hydraulic pump.
- 7.7 Engine:
- 7.7.1 Diesel engine to be 230 horsepower minimum at 2300 RPM approximately.
- 7.7.1.1 Peak torque 605 approximate
- 7.7.1.2 Engine shall be equipped with engine brake: compression, compression/exhaust, or exhaust
- 7.7.2 A single vertical exhaust pipe with horizontal muffler that shall meet all Federal noise abatement requirements. Exhaust to the passenger side of unit. Heat shield on vertical exhaust.
- 7.7.3 Heaviest duty O.E.M. filter systems (all) offered.
- 7.7.4 Engine manufacturer shall make provisions to mount stationary front hydraulic pump.
- 7.7.5 Diesel fuel heater in fuel line system.
- 7.7.6 Engine block heater with minimum 1000 watts, 115 v rating to include weather proof spring loaded cap over plug
- 7.7.7 Unit to be equipped with dash mounted locking hand throttle, or cruise control feature.
- 7.8 Clutch to be Eaton Fuller, two plate, ceramic 14 inch diameter, mechanical pull type control and with kwik-adjust manual feature or equal (Solo not acceptable).
- 7.9 Cooling system: The cooling system shall be capable of maintaining engine temperature within the manufacturer's recommended range during continuous operation. The system shall incorporate a thermostat and bypass for warmup and shall be filled with permanent type Dex-Cool rated to a minus 30 degrees F or lower.

Unit shall provide adequate temperature control in summer operations (utility hauling in 50°F to 95°F climatic temperatures: Altitude that vehicle will operate in varies from a low elevation of 250 feet above sea level to a high elevation of 4700 feet above sea level with most operating occurring between 400 feet and 2600 feet above sea level.

The radiator, if required, shall have four (4) inch square (minimum) opening to facilitate the installation of a crankshaft driven PTO drive shaft. The distance between the extreme tip of the radiator fan blade and the centerline of the crankshaft to be a minimum of three (3) inches to insure adequate clearance for PTO driveshaft.

- 7.10 Fuel Tanks:
- 7.10.1 Dual tanks with steps.
- 7.10.2 Capacity is to be 45 gallons each and shall comply with FMVSS.
- 7.10.3 Filler cap to be chain tethered to fuel tank to prevent loss.
- 7.11 Electrical System:
- 7.11.1 Manufacturer's 12 volt negative ground system.
- 7.11.2 Alternator capacity shall be 110 AMPS minimum brushless with internal regulator.
- 7.11.3 Wiring to be Manufacturer's heavy duty hypalon type encased in wire looms and secured to unit chassis with 12 inches intervals.
- 7.11.4 All lighting (number, location, and color) shall conform to the West Virginia Motor Vehicle Code, I.C.C. cab marker lights shall be the armored type.
- 7.11.5 Strobe light Target Tech Model Multi-flash, 5x, 12/48 VDC, 11 Jules with dash mounted switch, generating not more than 1.0 UV of interference on a radio receiver with 12 DB of quieting.
- 7.11.6 Lighting: Weather/shock resistant lights LED type with average amp draw between .045 .72. Grote/Truck Light or equal. All connections to have sure snap plug assemblies and epoxy sealed electronics to protect against shock and vibration.
- 7.12 OSHA approved audible back up alarm, electric type
- 7.13 Manual transmission: Fuller RT8908LL, transmission torque capacity shall exceed provided engine torque
- 7.14 Spicer 1710 series drive line or equivalent featuring greasable main shaft.

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- 7.15.1 Rear axle capacity to be 23,000 lbs Eaton Model 23121 or equivalent.
- 7.15.2 Rear spring capacity shall be approximately 23,000 lbs, auxiliary load stabilizing springs should be 4500 lbs capacity.
- Ratio: Gear ratio to be determined by bidder; however, these vehicles should be capable of obtaining 300 FPM at approximately 1200 RPM and a minimum top road speed of 65 MPH.
- 7.16 Front Axle:
- 7.16.1 Front axle capacity shall be 12,000 lbs; I-beam type.
- 7.16.2 Unit to have heavy duty shock absorbers.
- 7.16.3 Unit to have Stemco, or equal, clear view hub seals equipped with filler plug.
- 7.17 Brakes:
- 7.17.1 Brakes shall be full air, S-Cam type drum brakes.
- 7.17.2 Compressor: Manufacturer's selected model, 12.9 CFM minimum.
- 7.17.3 Service Brake Size:
- 7.17.3.1 Rear brakes 16 2 inches x 7 inches.
- 7.17.3.2 Front brake 15 inches x 4 inches.
- 7.17.3.3 Air Dryer with heater Bendix Westinghouse AD-9 or equal.
- 7.17.3.4 Parking brakes spring set, air release actuating rear axle service brakes. Instrument panel control.
- 7.17.3.5 Manufacturer's standard air tanks for service brakes; auxiliary tank for parking brake.
- 7.17.3.6 Low air pressure warning light and buzzer.
- 7.17.3.7 Brakes shall meet or exceed all Federal and State standards. Divided air tanks are acceptable provided brake system meets or exceeds Federal and State standards.

- 7.18 Tires and Wheels:
- 7.18.1 Rim, front and rear 22.5 x 8.25 hub piloted steel disc type.
- 7.18.2 Tires front and rear 11R22.5G, highway tread, radial, tubeless Goodyear G-159 or equal.
- 7.19 Manufacturer's standard power steering for front axle specified.
- 7.20 Unit shall include all other features considered as standard equipment but not specifically addressed above.
- 7.21 Paint:
- 7.21.1 Cab exterior and interior to be painted Federal Standard White 595A (No. 17875) or approved equal.
- 7.21.2 Chassis is to be painted Manufacturer's Standard Black.
- 7.21.3 Grille to be Manufacturer's standard grille paint similar to silver or aluminum in color. Grilles made from bright finish or bright plated material do not require painting.
- 7.21.4 Wheels and rims are to be painted Blue.
- 7.21.5 Fuel tanks, steps are to be painted Blue.
- 7.22 Detail and Decorative Stripes with Logo shall be installed by successful vendor.
- 7.22.1 Approximately 2 inch width with taper at front of hood.
- 7.22.2 WV DOH logo (to be supplied by WVDOH) is attached (black and white copy) and is approximately 7 inches tall by 7 inches wide. Area behind logo and within 2 inch of logo is not to be striped.
- 7.22.3 Upper Stripe Color: Dark Blue.
- 7.22.4 Lower Stripe Color: Gold.
- 7.22.5 Striping material shall meet or exceed the requirements of ASTM D4956-91 Type V sheeting, a super high-intensity retroreflective sheeting consisting of microprismatic retroreflective elements. The conspicuity sheetings must meet requirements of NHSTA, D.O.T. 49CFR Part 571 Federal Motor Vehicle Safety standards and be D.O.T. approved.

- 7.22.6 The sheeting for striping is to be not more than .008" thick having approximately 47,000 micro prisms per square inch and come with an aggressive high tach pressure sensitive adhesive. Reflexite or equal.
- 7.22.7 Successful Bidder should consult with the WVDOH of proposal for striping.
- 7.22.8 Bidder should attach his proposed paint plan with this bid. It should include a proposed striping detail on a cab silhouette sheet. Bidder may modify attached striping plan to fit his particular hood and cab shape.
- 7.22.9 In order to test the adhesive quality of the paint, the DOH, may at its option, require that the Vendor measure adhesion by the criteria setforth in ASTM D3359-74 Method B. A rating of less than 4 on this test would be deemed unacceptable.
- 7.22.10 Manufacturer's standard plant painting procedures for cleaning, degreasing, preparing, priming and painting are sufficient to meet this requirement for painting of cab (white) and chassis (black). Cab will not be painted white over top another finish color.
- 7.22.11 The Department reserves the right to review larger paint samples after award of contract and the right to require subtle color changes. Such changes, if any, will only be used for selecting a suitable paint color to match the WVDOH logo.
- 7.23 Vendor must certify that the unit offered will meet or exceed the Occupational Safety and Health Act of 1970" and subsequent amendments.
- 7.24 Advertising: Visible decals or name plates or painted on names representing the Manufacturer or mode number or trademark appearing on the exterior surface of the unit should be minimal.
- 7.25 Preventive Maintenance and Operators Orientation/Training:
- 7.25.1 The Manufacturer or Dealer shall provide preventive maintenance/operator orientation seminar to be conducted at the Equipment Division, Buckhannon. All training aids i.e. videos, charts, manuals, etc., to be furnished by successful vendor.

8.0 SPECIFICATIONS AND GUIDELINE FOR THE ASPHALT DISTRIBUTOR:

The equipment furnished under these specifications to be latest improved model in current production, as offered to commercial trade and to be of quality workmanship and material and that all equipment offered under these specifications to be current year.

Minimum two (2) year basic bumper to bumper warranty.

- 8.1 Distributor to perform the following:
- Fill tank by on-board pump from outside source into bottom of tank to eliminate foaming of the product. (emulsified asphalt).
- 8.1.2 Distributor shall be capable of circulating material in spray bar.
- 8.1.3 Unit must spray at a constant preset application rate regardless of variance in truck speed.
- Unit to be capable of recirculating material in spray bar to tank.
- 8.1.5 Hand spray wand with 25 feet of three-fourth (3/4) inch hose, swivel connections and brackets for hose storage. Hose reel shall be included.
- 8.1.6 Unit must be capable of returning material in hand spray back to tank.
- 8.1.7 Proposed unit should pump material back to supply vehicle or another tank.
- 8.1.8 Pump must be capable of returning material in spray bar to tank by pump suction without reversing the pump direction
- 8.1.9 There shall be the capability of controlling all spreading functions, bar height, application rate, bar width and shift from the cab while spreading.
- 8.1.10 The circulating system shall have provision for easy draining independently of the tank/pump, and for flushing and cleaning.
- 8.2 Tank and Fittings:
- 8.2.1 Capacity shall be 1500 U.S. gallons.
- 8.2.2 The tank to be oval in cross section, with the long axis horizontal in order to obtain the most advantageous load distribution on the chassis.
- 8.2.3 The shell material to be ten (10) gauge minimum.

8.3.3	Spray bar shall have hydraulic power folding for road travel.
8.3.2	Two (2) foot long, folding wing sections on each side of spray bar, controlled from cab.
8.3.1	Unit to have a twelve (12) foot overall length bar with full internal circulation.
8.3 Sp:	ray Bar:
8.2.7	Tank design and construction shall meet all applicable Federal cargo tank regulations.
8.2.6.1	Tank mounting to be on wooden block pads.
8.2.6	Tank mountings shall be single blade bolster or saddle design resiliently (steel spring) attached to frame in four (4) positions to allow for any twisting motion, expansion or contraction.
8.2.5	Tank shall have approximately two (2) inches of one (1) lb. density fiberglass insulation with approximately .040 aluminum jacket.
8.2.4.3	Unit shall be equipped with roll over protection, which adheres to HM-198A/HM-183 DOT hot asphalt requirement.
8.2.4.2	Three (3) inch diameter flow pipe to be fitted inside the well to drain through the bottom of the tank clearing all chassis members.
8.2.4.1	A twenty inch manhole to be located inside the well with a hinged, quick-opening cover and fitted with a high temperature gasket. Must meet current Federal rol over requirements (Reference 8.2.7)
8.2.4	A well on top of the tank to be provided with a minimum wall height of four (4) inches.
8.2.3.3	Openings in baffles shall be adequate for the free flow of material and large enough for a crawl through inspection.
8.2.3.2	Surge plates or baffles, spaced for tank strength and surge control.
8.2.3.1	Tank heads to be ten (10) gauge, minimum flanged and dished and welded to tank shell.

8.3.4	Spray nozzles multi-material v.slot for seal and chip work with emulsified asphalts and .2055 gallon per square yard and 7.5-12 G.P.M. per foot application rates.
8.3.5	Spray nozzles to be located outside spray bar.
8.3.6	Spray bar to have air cylinder with solenoid cut off control in one (1) foot increments.
8.3.7	Spray bar to be capable of raise, lower and shift from side to side.
8.3.8	All bar functions must be controlled from console located in truck cab and also bar shift and lift from ground level at rear control panel.
8.3.9	Spray bar in folded position must not exceed eight (8) feet.
8.3.10	All air solenoid valves to be equipped with manual overrides for the solenoids.
8.3.11	Metering and Gauging to be equipped with a digital readout meter, (gallons/minute) mounted on the cab console, capable of receiving signal transmitted from magnetic sender positioned on the hydraulic drive motor of the asphalt pump.
8.3.12	Bitumeter (feet/minute) shall be truck frame mounted radar device with in cab digital readout.
8.3.13	Tank gauge to be float type internally mounted with mechanical gauge outside, calibrated in fifty (50) gallon increments with gauge readout visible from driver's position through rear view mirror.
8.3.14	Spray bar section wet box mounted between truck frame members at rear of unit. Box will have a top mounted door and is designed to hold bar sections, tools and nozzles in a wash solution.
8.4	Asphalt Pump to be rotary gear, positive displacement type designed to handle all grades of liquid asphalt.
8.4.1	Pump to have a capacity of 400 gallons per minute with four (4) inch suction and four (4) inch discharge openings minimum.
8.4.2	System shall be provided with hydraulic pressure relief valve or by-pass arrangement to eliminate danger of excessive pressure in the lines and permit by-passing of material when valves are closed.
8.4.3	Strainer(s) readily accessible for cleaning, to be installed in the pump's intake line(s) to prevent foreign objects from entering and damaging the pump.

- Pump shall be equipped with a flow gauge located in the truck's cab readily visible to the operator.
- 8.5 Unit shall be equipped with hydrostatic type transmission.
- 8.5.1 Hydraulic pump shall be mounted at the front of the truck on frame extensions and be driven by the engine crankshaft.
- 8.5.1.1 PTO shaft to have guard(s) to protect the radiator from damage.
- 8.5.1.2 Hydraulic pump to be hydrostatic type with controls in the truck's cab convenient to operator.
- 8.5.2 Hydraulic motor to be fixed displacement, piston or vane type, complete with hydraulic reservoir.
- A temperature gauge and replaceable element type filter (10 micron) incorporated in the hydraulic system.
- 8.6 Piping Valves and Screens:
- 8.6.1 Intake piping to be a minimum three (3) inch I.D. with long radius flow bends.
- 8.6.2 Discharge piping to be a minimum two (2) inches to three (3) inches with long radius flow bends.
- 8.6.3 Load screen should be (3/16) inches minimum mesh size, cylindrical construction, full flow, easy clean.
- 8.6.4 Bar screen should be (3/16) inches minimum mesh size, cylindrical construction, full flow, easy clean.
- Pump screen should be (3/16) inches minimum mesh size, cylindrical construction, full flow, easy clean.
- 8.6.6 Pump suction line to extend a minimum 24 inches from the pump strainer box for easy filling and fitted in such a manner as to eliminate flow-back when fill line is disconnected from the loading hose.

- 8.7 Ladder, and Catwalks:
- 8.7.1 A ladder shall be provided at rear or side of tank for access to top of tank with grip-strut safety steps and hand holds and catwalk for access to upper manhole area.
- 8.8 Fenders are to be full formed 16 gauge steel fenders over rear axle with rubber flaps.
- Heating Flue to have two (2) six (6) inch standard pipe, two (2) pass, full tank length, internally mounted with slip rings and exhaust stack.
- 8.10 Heating System to be high pressure diesel heater type, consisting of an electrically driven blower with an integral fuel pump that draws diesel fuel from the truck tank.
- 8.10.1 The system shall be complete with flue liners, air control valves, air pressure relief valve, and all pressure relief valves for pressure control.
- **8.10.2** Operation of heating system to be totally push button.
- 8.11 Unit shall have a wash down system with electric powered pump, tank, spray hose, and wand.
- 8.12 The bitumen pump system shall include a self flushing line from a 25 gallon flushing oil tank or heating system with float level gauge and line to asphalt pump to clean asphalt pump, valve, and circulating system. The flushing oil tank must be located away from burners for safe operation.
- 8.13 Unit shall be mounted and tested by manufacturer.
- 8.14 Loading hoses are to be ten (10) feet by three (3) inches flexible hi-pressure rubber loading hoses with quick acting connector for attaching to filler connection of the Distributor.
- 8.15 A minimum four (4) inch dial thermometer 50°F 500°F located in a protected area to register average temperature of tank contents.
- 8.16 A frame mounted tool box shall be provided approximately 18 inches wide by 24 inches long by 18 inches deep to store all necessary tools. To have hinged door with flush-type lock. A second tool box approximately 24 inches x 9 inches shall be mounted under the tank side.

- 8.17 All necessary special tools for operation and maintenance of the distributor shall be provided along with an extra supply of gaskets and pump packing.
- Paint with the exception of the aluminum tank covering and trim, and those metallic accessories or fixtures constructed of rust-resistant or plated material not normally painted, the maintenance unit to be painted Dupont Black Enamel No. 99A or equivalent.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

BIDDER'S EVALUATION REPORT

PROCUREMENT SPECIFICATIONS FOR OPEN END CONTRACT NO. 512-3-H

OPEN END CONTRACT 1500 GALLON ASPHALT DISTRIBUTOR MOUNTED ON A 32,000 LB. GVW CHASSIS CAB TRUCK

NOTE TO BIDDER: Procurement Specification No. 512-3-H, 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:	YRS
*	Years Company has been an authorized dealer for proposed unit:		YRS
X3.2	Have you complied with all mandatory specifications?	YESNO	
	DELIVERY: Delivery date of completed representative unit:	Calendar Days After Receipt of Purchase Agreeme	nt
X4.2.2	Delivery date of balance of completed units:	Calendar Days After Receipt of Purchase Agreen	nent

NOTE: Vendor should type Bidder's Evaluation Report

The "Bid Schedule" 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:		110
	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 u		
	Will the required Equipment Preventive Maintenance Form (Section X6.2 Report) be provided upon inspection of the pilot unit?	of Bidders E 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.

DESCRIPT	TON:		MAK	XE:		
Me	ODEL:		YEAR:	PUR	CHASE AMOUNT	•
ENGINE:					_ FUEL TYPE: _	
	HORSEPOWER:		CYLINDER: _	ENG	INE SERIAL:	
	COOLING SYSTE	M CAPACITY:		······		
BELTS:	DESCRIPTION:			PART NUME		
GVW:		AXLE CAPAC	ITY:FRONT:			REAR:
TIRES:	FRONT MAKE &	SIZE:			· .	
	REAR MAKE & S	IZE:				
DIMENSIO	ONS OF UNIT:	LENGTH:		WIDTH:		LENGTH:
VENDOR	CONTACT PERSON	T:			PHONE:	
PARTS:						
BATTERY	/ MAKE		MODEL:		CCA:	
TOP OR S	IDE POST:		DIMENSIONS	S: LENGTH	WIDTH	HEIGHT
SPARK PI	LUGS OR FUEL INJ	ECTORS MAKE:		PART #		
FUEL PUI	MP OR INJECTION :	PUMP MAKE:		MODEL:		
	ATOR MAKE:					
STARTER	MAKE:			PART #:		
TOKBOC	MAKUER MAKE: _ MAKE:	MODI	FT:	Ι ΑΙΧΙ #	AUTO/MANII	AL:
HYDRAU	LIC PUMP MAKE:	WIOD		MODEL:		AL:
	MAKE	•		RICANT		
OIL			ENG	INE		
AIR INNE	ER		TRA	NSMISSION		
ATR OUT	ER		POW	EK STEEKING		
FUEL PR	IMARY		HYD	RAULIC		
FUEL SE	CONDARY		DIFF	EKENTIALS		
COOLAN			RKA			
HYDKAU	JLIC		 OTH			
OTHER				LK		

X6.3	TRAINING:			
	Will training seminar be conducted on Preventive Maintenance, Operator a		echanic T NO	raining
	Will you conduct training with each purchase order against this open		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			NO
			YES	NO
X6.4				
	delivery of the pilot? If you are the successful vendor, will you furnish all training aids, i.e., in conducting the training? YESNO	videos	s, project	ors, required
X6.4 X6.4.1 X6.5	If you are the successful vendor, will you furnish all training aids, i.e., in conducting the training? Will all manuals, booklets, etc. explaining preventive maintenance, service schedule be delivered with each unit?	videos	s, project	ors, required
X6.4.1	If you are the successful vendor, will you furnish all training aids, i.e., in conducting the training? Will all manuals, booklets, etc. explaining preventive maintenance, service schedule be delivered with each unit? If NO, explain	videos , opera	s, project ator proc YES	edures, and
X6.4.1	If you are the successful vendor, will you furnish all training aids, i.e., in conducting the training? 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	videos , opera	s, project ator proc YES	edures, and NO

X6.5 WARRANTY AND SERVICE POLICY QUESTIONNAIRE

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

1. De	efine the terms of the stand	ard warranty.	If not offered, so state. (Atta	ch copy)
 				
			DOH facilities and warranty me and location of manufact	
3. Lisknov		tories that are v	within the State of West Virg	inia. Also, list availability levels, if
	uring the term of warranty, er will sell the parts to own		tee discount to manufacturer	's published list price for parts that
A. B. C.	Terms: Net 60 N	/Ianufacturer's	published list price less: published list price less: published list price less:	% discount
	uring the term of warranty, ways?	will all manuf	acturers or engineering impro	ovements be submitted to Division ofNO
6. Dı	aring the term of warranty,	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	_
C.	Mileage Charge (Specify if one-way		per vehicle mile ; port to port	_
D.	Field Mechanic Rate	\$	per mechanic hour	
Е.	Specify period of time t	hat prices are i	n effect:	
F.	Surcharge for miscellar	ieous items:	%	

X6.6	EVALUATION COMMITTEE REQUIREMENTS			
	Is all component specifications, product literature, component mo Committee bid determination?	dels provided YES		
X6.7	Will all parts, equipment, accessories, material, design and pe specified herein, but which are necessary to provide a complet and conform in strength, quality of material, and quality of w advertised and provided to the market in general by the unit i	te unit, be fur orkmanship t	nished with the u o those which are	
X6.7.1	Are all parts and accessories adequate and regularly supplied those which may be duplications of specifications herein, and to be furnished?		y specification ar	
X6.7.2	2 Are all standard safety features that are required by Federal	and State stat _YESN		led?

SPECIFICATIONS OF THE QUOTED UNIT

The bidder should complete the following schedule in order for the Division to compare the actual bid unit to the specifications. Should the bidder except a requirement, then such exception may be only on the basis that such feature is not offered by the manufacturer. The Division will have the sole discretion as to whether the bidder's substitution meets the requirements of the specifications.

X7.0	CAB AND CHASSIS:		
	Is a minimum two (2) basic bumper to bumper warranty?	YES _	NO
	Manufacturer: Model:		
X7.1	GVW plate rating:lbs?		
X7.2	Cab to axle dimensions inches?		
X7.3	Wheel base inches	?	
X7.4	Does manufacturers frame meet Federal requirements for G extend forward beyond the grille 12 inches?		ified and ESNO
X7.4.1	Frame yield strength PSI?		
X7.4.2	R.B.M?		
X7.5	Is cab provided Manufacturer's standard steel, aluminum, and/or with one (1) piece tilt hood and fenders? YESNO	r fiberglass,	, equipped
X7.5.1	Is cab door locks, both doors, keyed alike?	_YES	NO
X7.5.2	Does cab have dual sun visors?	_YES	_NO
X7.5.3	Does cab have arm rests, right/left hand doors?	_YES	NO
X7.5.4	Are seats fully adjustable air ride driver's and passenger rest, cloth covered equipped with 3 point safety belts?	side high b	ack with head
	*	YES	NO
X7.5.5	Does cab have rubber floor mats throughout cab area?	YES	NO

X7.5.6		Has manufacturers turn signals, self-canceling type wit flashers?	h 4-way haz YES _		
X7.5.7		Does cab have manufacturer's heaviest duty heater and	defroster? YES	NO	
X7.5.8		Does windshield wipers/washers manufacturers hea intermittent features and largest reservoir offered be	•		
X7.5.9		Is unit equipped with manufacturers AM/FM radio?	·	YES	_NO
X7.6		nufacturers gauges equipped with warning lights and/o operation in red background to inform operator when operator	perating cor		
X7.6.1		Engine oil pressure gauge with warning buzzer or light	?	YES	_NO
X7.6.2		Engine coolant temperature with warning buzzer or lig	ht?	YES	_NO
X7.6.3		Voltmeter or ammeter?		YES	_NO
X7.6.4		Engine RPM tachometer?		YES	_NO
X7.6.5		Speedometer with odometer?		YES	_NO
X7.6.6		Primary air pressure with warning buzzer or light?		YES	_NO
X7.6.7		Auxiliary air pressure with warning buzzer or light?		YES	_NO
X7.6.8	ı	Air filter restriction indicator (dash mounted)?	 ,	YES	_NO
X7.6.9	1	Engine hour meter (controlled by engine operation, no		itch)? YES	_NO
X7.6.1	0	Fuel gauges?		YES	_NO
X7.6.1	1	Rear view mirrors dual heated west coast type, 7x16 in mirror and constructed of powder coat finishYES stainless steelYESNO OR aluminumYESNO OR compositeYES housing and mounting brackets	NO C	ole, with co OR	onvex
X7.6.1	.2	Grab handles mounted for right/left hand sides of cab	, rear of doo	or opening YES	? NO

X7.6.13	Manufacturers standard/OSHA approved backup alarm?_	YES	NO
X7.6.14	Manufacturers standard air horns, cab mounted?	YES	NO
X7.6.15	Manufacturers standard air conditioning?	YES	NO
X7.6.16	Front bumper constructed to accommodate front mounted hydro-	raulic pump? YES	NO_NO
X7.7 Engi	ine:		
X7.7.1	Diesel engine: horsepower at	_R.P.M?	
	Manufacturer: Model:		
X7.7.1.1	Peak torquelb. ft.		
X7.7.1.2	Is engine equipped with engine brake: compression compression/exhaust, or exhaust?	YES	NO
X7.7.2	Has single vertical exhaust pipe with horizontal muffler mahatement requirements/exhaust to the passenger side of unvertical exhaust?	eets Federal it/heat shield YES	on
X7.7.3	Heaviest duty O.E.M. filter systems (all) provided?	YES	NO
X7.7.4	Does engine manufacturer make provisions to mount stati	ionary front ESNC)
X7.7.5	Is diesel fuel heater in fuel line system?	YES	NO
X7.7.6	Engine block heaterwatts? 115v rating that is proof spring loaded cap over plugYE	ncludes weat	cher
X7.7.7	Is unit equipped with dash mounted locking hand throttle or of feature?	cruise contro YES _	1 NO
X7.8 Ch	atch: two plate	YES	NO
Ce. wit	ramic 14 inch diameter YES NO mechanical pull th kiwk-adjust manual feature Y	type control	and O

X7.9	manuf	ing system capable of maintaining engine temperature with acturer's recommended range during continuous operation ostat and by-pass and filled with permanent type Dex-Cool	ıs, equipped v	with
			YES	NO
	haulin	nit provide adequate temperature control in summer operage in 50°F to 95°F). Altitude that vehicle will operate in varies on of 250 feet above sea level to a high elevation of 4700 feet at operating occurring between 400 feet and 2600 feet above sea	from a low above sea leve	
	WITIOS	—	YES	NO
	cranks radiat	radiator (if required) have 4 inch square opening to facilitate shaft driven PTO drive shaft/the distance between the extremor fan blade/centerline of the crankshaft should be 3 inchesting for PTO driveshaft?	eme tip of the	equate
X7 10) Fuel T	anks:		
X7.10		Are dual tanks with steps provided?	YES	NO
X7.10).2	Capacity for each tank: gallons and comply with	n FMVSS YES	NO
X7.10	0.3	Is filler cap chain tethered to fuel tank to prevent loss?	YES	NO
X7.1 X7.1		ical System: Is manufacturer's 12 volt negative ground system provided?	YES	NO
X7.1	1.2	Alternator:AMPS brushless with internal regulate	or?YES	NO
X7.1	1.3	Is manufacturer's heavy duty hypalon type wiring encased in to chassis with 12 inches intervals?	n wire looms/s YES	ecured NO
X7.1	1.4	Does lighting meet WV Motor Vehicles Code, ICC cab marmored type?	arker lights YES	NO
X7.1	1.5	Strobe light: Dash mounted switch, generating not more than 1.0 UV of it receiver with 12 DB of quieting?	nterference onYES	a radio NO
X7.1	1.6	Is lighting weather/shock resistant lights LED type with ave between .04572	rage amp drav YES NO	v C
		Manufacturer/Model:		
		Do all connections have sure snap plug assemblies and epox	xy sealed elect YES No	ronics to O

X7.12 D	Ooes unit have an OSHA approved audible back up	alarm, electric	type YES	NO
\mathcal{N}	Manual transmission: Make and model: xceeds provided engine torque	transmission		
X7.14 D M g:	Oriveline: Make and model: YES NO			
X7.15 R	ear Axle:		,	
X7.15.1	Rear axle capacity:lbs Make a	and model:		
X7.15.2	Rear spring capacity:lbs. auxiliary load stabilizing springs	_ lbs. capacity	,	
X7.15.3	Gear ratio: Vehicles are c RPM and Is gear ratio for vehicle 1500 RPM/a minimum top road speed of 0	capable of ob	taining 3 M	PH @
X7.16 F	ront Axle:			
X7.16.1	Front axle capacity:lbs. I-beam	ı type	YES	NO
X7.16.2	Does unit have heavy duty shock absorbers?		YES	NO
X7.16.3	Does unit have Stemco or equal, clear view l	hub seals equi		ler plug? NO
X7.17 B	rakes:			
X7.17.1	Are brakes full air, S-Cam type drum bra	kes?	YES	NO
X7.17.2	Compressor: Model:		CFM	
X7.17.3	Service Brake Size:			
X7.17.3.	1 Rear brakes inches x	inches?		
X7.17.3.	2 Front brakes inches x	inches?		
X7.17.3.	Air dryer with heater YES Manufacturer/model:	NO		

X7.17.3.4	Are parking brakes spring set, air release actubrakes/instrument panel control?	-		
X7.17.3.5	Are manufacturers standard air tanks for serv parking brake?		es; auxiliary ta ESNO	nk for
X7.17.3.6	Low air pressure warning light/buzzer?	Y	ESNO	
X7.17.3.7	Will brakes meet Federal/State requireme Divided air tanks YES NO Do they meet Federal/State standards			NO
X7.18 Tires	s and Wheels:			
X7.18.1	Rim, front and rear: x hub piloted ste	el disc ty	/pe?YES _	NO
X7.18.2	Tire size front and rear:			
	Tread design Radial	YES	NO	
	Tubeless			·
X7.19 Man	ufacturer's standard power steering for front axle speci	fied?	YES	NO
X7.20 Oth	er standard features not addressed:			
X7.21 Pain	ıt:			
X7.21.1	Is cab exterior/interior painted Federal Standard Whapproved equal?	ite 595 <i>A</i>	A (No. 17875) (or NO
X7.21.2	Is chassis painted manufacturer's Standard Black?		YES	NO
X7.21.3	Is grille painted manufacturer's standard silver or al	uminum	in color? YES	NO
X7.21.4	Are wheels/rims painted Blue?		YES	NO
X7.21.5	Are fuel tanks, steps painted Blue?		YES	NO

X7.22 Will o	detail and decorative stripes with logo be installed by succe -	essful vendor YES	NO
X7.22.1	Is approximately 2" width with taper at front hood?	YES	NO
X7.22.2 X7.22.3	Area behind logo and within ½" of logo is not to be striped. Is upper stripe color dark blue?	YES	NO
X7.22.4	Is lower stripe color gold?	YES	NO
X7.22.5	Does striping material meet or exceed the requirements of Type V Sheeting, a super high-intensity retroreflective sh microprismatic retroreflective elements. The conspicuity requirements of NHSTA, D.O.T. 49CFR Part 571 Federa Safety standards and be D.O.T. approved. YES	neeting consis y sheeting mu al motor Vehi	ting of st meet
X7.22.6	Is sheeting for striping not more than .008" thick having app prisms per square inch/come w/an aggressive high tach press adhesive. Reflexite or equal?		icro NO
X7.22.7	Will successful Bidder consult w/WVDOH of proposal for s		NO
X7.22.8	Have you attached your proposed paint plan with this bid/inconstriping detail on a cab silhoutte sheet? Bidder may modify striping plan to fit his particular hood/ca	YES	ed NO
X7.22.9	If requested will vendor submit a sample of paint for testing	?YES	NO
X7.22.10	Will manufacturers standard plant painting procedures for cl preparing, priming and painting meet requirements for paint chassis (black)? CAB WILL NOT BE PAINTED WHITE OVER TOP ANO COLOR.	ing of cab (wh YES	ite) and
X7.22.11	Will manufacturer after award of contract change the color is the WVDOH logo?	f necessary toYES	
X7.23 Does chang	proposed unit meet or exceed the OSHA act of 1970 to inc ges?Y	lude subseque YESNO	
X7.24 Does	the unit conform to the advertising guidelines?	ESNO	
X7.25 Preve	ntive Maintenance and Operators Orientation/Training:		
X7.25.1	Will training and all training aids be provided as specific	ed? VES	NO

X8.0	SPECI	FICATIONS AND GUIDELINE FOR THE ASPHALT DIS	TRIBUTOR	' • •
	curren	uipment furnished under these specifications to be latest imper to production, as offered to commercial trade and to be of qual all and that all equipment offered under these specifications to	lity workmaı	nship and
	Minin	num two (2) year basic bumper to bumper warranty	YES	NO
	Manuf	acturer: Model:		
X8.1	Distrib			
X8.1.1	-	Is unit filled by on-board pump from outside source into bot eliminate foaming of the product (emulsified asphalt)?	ttom of tank YES _	to NO
X8.1.2	2	Does unit circulate material in spray bar?	YES	NO
X8.1.3	3	Is spray at a constant preset application rate regardless speed?	of variance YES	
X8.1.4	ŀ	Is unit capable of recirculating material in spray bar to tank	?YES	NO
X8.1.5		Is hand spray provided with 25 feet of 3/4 inch" hose, swive for hose storage?	el connection YES _	
X8.1.5	5.1	Is hose reel provided?	YES	NO
X8.1.6	5	Will unit return material in hand spray back to tank?	YES	NO
X8.1.7	7	Will proposed unit pump material back to supply vehicle or	another tank	ς? NO
X8.1.8	3	Is pump capable of returning material in spray bar to ta without reversing the pump direction?	nk by pum YES	
X8.1.9	•	Is proposed unit capable of controlling all spreading fun application rate, bar width and shift from the cab while	ctions bar h spreading? YES	-
X8.1.1	10	Does the circulating system have provision for easy drain of the tank/pump and for flushing and cleaning?		

X8.2 Tank	and Fittings:		
X8.2.1	Tank capacity: gallons		
X8.2.2	Is tank oval in cross section with long axis horizontal to obtain advantageous load distribution on the chassis	n the most YES	_NO
X8.2.3.	Shell material: gauge?		
X8.2.3.1	Tank heads: gauge Flanged, dished, welded to tank shell?YES	_NO	
X8.2.3.2	Surge plates or baffles, spaced for tank strength and su	urge control?YES	NO
X8.2.3.3	Openings in baffles adequate for free flow of mater enough for a crawl through inspection	rial and large YES	
X8.2.4	Well on top of tank providedYES NO with wall	height i	inches
X8.2.4.1	Manhole sizeinches located inside the well with quick-opening cover, fitted with a high temperature g	_	NO
	Does it meet current Federal roll over requiremen		
X8.2.4.2	Is 3 inch diameter flow pipe as specified fitted in the through the bottom of the tank clearing all chassis me	embers?	
X8.2.4.3	Is unit equipped with roll over protection, which a	YES	NO
A0.2.4.3	HM-198A/HM-183 DOT hot asphalt requirement		_NO
X8.2.5	Will tank have 2 inches of 1 lb. density fiberglass insulational aluminum jacket	on with .040 YES	NO
X8.2.6	Are tank mountings single blade bolster or saddle design spring) attached to frame in four (4) positions to allow for	r any twisting	,
	motion expansion or contraction?	YES	
X8.2.6.1	Are tank mountings on wooden block pads?	YES	NO
X8.2.7	Does tank design/construction meet all applicable Federa regulations?	al cargo tank YES	NO

X8.3 Spr	ay Bar:
X8.3.1	Spray bar overall lengthfeet with full internal circulation?YESNO
X8.3.2	Folding wing lengthfeet on each side of spray bar, controlled from the cab?YESNO
X8.3.3	Does the spray bar have hydraulic power folding for road travel?YESNO
X8.3.4	Are spray nozzles multi-material v-slot for seal/chip work with emulsified asphalts and .2055 gallon per square yard and 7.5-12 G.P.M. per foot application rates? YESNO
X8.3.5	Are spray nozzles located outside spray bar?YESNO
X8.3.6	Does the spray bar have air cylinder with solenoid cut off control in one foot increments?YESNO
X8.3.7	Is spray bar capable of raise, lower and shift from side to side?YESNO
X8.3.8	Can all bar functions be controlled from console located in truck cab and also bar shift/lift from ground level at rear control panel?YESNO
X8.3.9	What is width of spray bar in folded positionfeet?
X8.3.10	Are all air solenoid valves equipped with manual overrides for the solenoids?YESNO
X8.3.11	Are meters and gauges equipped with a digital readout meter, (gallons/minute) mounted on the cab console, capable of receiving signal transmitted from magnetic sender positioned on the hydraulic drive motor of the asphalt pump? YESNO
X8.3.12	Will bitumeter (feet/minute) be truck frame mounted radar device with in cab digital readout?YESNO
X8.3.13	Is the tank gauge float type internally mounted with mechanical gauge outside, calibrated in fifty (50) gallon increments with gauge readout visible from driver's position through rear view mirror?YESNO
X8.3.14	Is spray bar section wet box mounted between truck frame members at rear of unit/box have a top mounted door/designed to hold bar sections, tools & nozzles in wash solution? YESNO

X8.4	Will the asphalt pump be rotary gear, positive displacement type designades of liquid asphalt?	igned to handle all ESNO
	If NO specify	
X8.4.1	Pump capacityGPM. With inch suction and discharge openings	inch
X8.4.2	arrangement to eliminate danger of excessive pressure in	ve valve or by-pass the lines/permit by- YESNO
X8.4.3	Are the strainer(s) readily accessible for cleaning, installed in line(s) to prevent foreign objects from entering/damaging the	the pump's intake
X8.4.4	Will the pump be equipped with a flow gauge located in the readily visible to the operator?	he truck's cabYESNO
X8.5	Is the unit equipped with hydrostatic type transmission?	YESNO
X8.5.1		n frame extensionsYESNO
X8.5.1.	guillas to protoct mo radiato	r from damage?YESNO
X8.5.1	i i i i i i i i i i i i i i i i i i i	in the truck's cab
X8.5.2	, and the second of the	ne type, completeYESNO
	Specify pump type	··
X8.5.2	1 8 B - Francisco Stement Oppo	filter (10 micron) YESNO

X8.6	Piping	Valves and Screens:		
X8.6.1		Will the intake piping be a minimum of three (3) inches I.D. v flow bends?	with long _YES	
X8.6.2		Has discharge piping size inches to inches with flow bends?	long radi _YES	
X8.6.3		Is load screen inch mesh size, cylindrical construction, fuclean?	ll flow, ea _YES	
X8.6.4		Is bar screen inch mesh size, cylindrical construction, ful clean?	ll flow, eas _YES	
X8.6.5		Is pump screen inch mesh size, cylindrical construction, for clean?	all flow, ea_YES	•
X8.6.6		Is pump suction line extendedinches from the pump st easy filling/fitted in such a manner as to eliminate flow-back disconnected from the loading hose?	when fill	line is
X8.7	Ladder	and Catwalks:		
X8.7.1		Is there a ladder provided at rear or side of tank for access to with grip-strut safety steps/hand holds/catwalk for access to area?	-	nhole
X8.8	The ferflaps?	nders are full formed gauge steel fenders over rear axle w/ru	abber _YES	NO
X8.9		he heating flue have two (2) six (6) inch standard pipe, two (2) pa internally mounted with slip rings and exhaust stack?	uss, full tar YES	nk NO
X8.10		neating system a high pressure diesel heater type, consisting of an blower with an integral fuel pump that draws diesel fuel from the		k?
X8.10.	.1	Is the system complete with flue liners, air control valves, air valve, and all pressure relief valves for pressure control?	-	
X8.10	.2	Will the operation of the heating system be totally push button?	YES	_NO
X8.11	Does t	ınit have a wash down system with electric powered pump, ta and	nk, spray YES	hose,

X8.12	Does the bitumen pump system include a self flushing line fr oil tank or heating system with float level gauge and line to a asphalt pump, valve and circulating system	sphalt pu	ımp to clea	hing an
	Is the flushing oil tank located away from burners for safe Operation	_YES	NO	
X8.13	Will the unit be mounted and tested by the Manufacturer?		YES	_NO
X8.14	Loading hoses: Length feet by inches flexible loading hoses with quick acting connector for attaching to filler distributor?	connection	on of the	r
X8.15	Is there a minimum of four (4) inch dial thermometer 50° F protected area to register average temperature of tank cont	- 500° F 1 ents? YES _		a
X8.16	Is there a frame mounted tool box provided to store all necessinged door with flush-type lock?	ssary too	ls and hav YES	e a _NO
	Specify tool box size:	_		
	Second tool box mounted under the tank side	YES_	NO	
	Specify second tool box size:			
X8.17	Are all necessary special tools for operation/maintenance of along with an extra supply of gaskets/pump packing?	f the distr	ributor pro NO	ovided
X8.18	Will paint with exception of the aluminum tank covering/trim/tor fixtures constructed of rust-resistant or plated material not not be a spirited Dynamic Block Engage No. 994	ormally p	ainted, the	ories
	maintenance unit to be painted Dupont Black Enamel No. 99A	YES _	NO	

Rev. 09/08

Date:

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.

	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has			
	maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,			
	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.			
requiren 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 cted from any unpaid balance on the contract or purchase order.			
authoriz the requ	nission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and es the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid irred business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential.			
Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.				
Bidder:	Signed:			

Title:

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

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	