

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

Request for Quotation

REQ NUMBER
7010EC010

PAGE 1

ADDRESS CORRESPONDENCE TO ATTENTION OF

MICHAEL AUSTIN 304-558-2402

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*709043957 01 304-292-1307 L H JONES EQUIP CO 1825 EARL CORE ROAD

MORGANTOWN WV 26505

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. 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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SEE REVERSE SIDE FOR TERMS AND CONDITIONS

TELEPHONE

DATE

ADDRESS CHANGES TO BE NOTED ABOVE

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

PROCUREMENT SPECIFICATIONS NO. 021-2-D

OPEN END CONTRACT 10 FOOT OR 11 FOOT POWER REVERSIBLE SNOWPLOW (HYDRAULIC)

1.0 PURPOSE

It is the purpose of these specifications to describe a 10 Foot or 11 Foot Power Reversible Snowplow (Hydraulic) (hereinafter referred to as a "plow" 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, 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 exceptions must be noted on the bidder's evaluation report and should be accompanied by supporting documentation/literature from the manufacturer. A summary of exceptions must be prepared by vendor on a separate attachment to the bidder's evaluation report labeled as "Exception to Specifications" and should be provided with the bid. 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. 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 135 days after

receipt of purchase agreement. 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 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 and service manuals.

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

6.3 TRAINING:

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

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

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

6.4 PREVENTIVE MAINTENANCE AND OPERATOR PROCEDURES:

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

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

6.5 WARRANTY AND SERVICE POLICY

The Manufacturers warranty or service policy is to apply to the unit. Such warranty or service policy is to be recognized at any authorized unit dealer, representing manufacturer of proposed unit throughout the State of West Virginia. The applicable warranty or service policy will not be contingent upon obtaining routine service,

lubrication, and servicing of the unit from factory authorized agencies. It will be the responsibility of the bidder to have available labor to repair or replace any defective replacement parts, components and materials, and to have available those replacement parts, components, and/or materials found to be defective during the terms of the warranty period. The bidder should state the labor rates, locations where parts will be stocked, availability of parts, and discounts offered for parts, when terms of the warranty offer a pro-rated cost for parts and labor. In addition, the successful bidder should offer field work to repair or replace defective parts, components, and materials found to be defective during the terms of the warranty and should provide mechanic's travel rates, mileage charges, field mechanic rates, and any surcharge for miscellaneous items, if applicable, for field work during the warranty period. Submit to Division of Highways any technical or engineering improvements during the term of the warranty. The unit must be accompanied upon delivery by the unit's manufacturer's executed warranty or service policy.

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

THE "WARRANTY AND SERVICE POLICY QUESTIONNAIRE" ATTACHED IN THE BIDDER'S EVALUATION REPORT MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH YOUR BID. (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:

The hydraulically reversible snowplow to be designed for mounting on a single axle or tandem dump truck. The snowplow to be capable of plowing to the right or left at an angle of approximately thirty-five degrees (35°) discharging snow to the right or left. It should have a center mounted trip spring leaving the plow area outside the reversing arc free for nesting close to the pushing vehicle. It should be a straight blade type with an integral type snow shield.

The hydraulic power for lifting and reversing will be supplied by the truck central hydraulic system; however, the vendor shall supply the hose and fittings to connect both systems to the valve located under the front bumper.

The blade to be the sectional type, made up of three (3) and four (4) foot sections to total 10 feet or 11 feet wide, having a tungsten carbide inserted cutting edge.

The snowplow to be a Henderson RSP Reversible Snowplow or equal.

- 7.1 Moldboard:
- 7.1.1 Overall Width:
- 7.1.1.1 **OPTION #1 -** 10 Foot
- 7.1.1.2 **OPTION #2 -** 11 Foot
- 7.1.2 Overall Height: 36 Inches
- 7.1.3 Moldboard Construction: 10 US Ga. 304 Stainless Steel minimum and rolled to give the snow a free rolling action. Break formed not acceptable.
- 7.1.4 Travel Arc: Thirty-five degrees (35°) minimum each way; total seventy degrees (70°).
- 7.1.5 Moldboard shall have a cutting edge attack angle with three (3) different adjustments from 5 Degree, 10 Degree, and 20 Degree vertical measurement from ground using 3/4 inch pins.
- 7.1.6 Weight of Plow: 10 foot 1750 pounds 11 foot 1815 pounds
- 7.1.7 Vertical Ribs: Minimum of eight (8) vertical ribs, ½ inch x 3-1/2 inch formed steel.

- 7.1.8 Snow Shield: An additional rubber snow shield to be provided. It should be approximately 5/16 inch x 12 inch belting and run the entire length of plow. Mounted in such a manner as not to add to overall plow height.
- 7.1.9 To be all continuously welded ribs, moldboard, and angles.
- 7.1.10 Shall be reinforced at the top and bottom edges. Top of the moldboard to be reinforced with an integrally structural channel 3-1/2 inch x 2-1/2 inch x 3/8 inch. Formed not acceptable. Bottom angle of not less than 4 inch x 4 inch x 3/4 inch angle gusseted.
- 7.2 Cutting Edge:
- 7.2.1 The cutting edge shall be sectioned, standard AASHO punched, in three (3) foot and four (4) foot lengths.
- 7.2.2 Blade Sections:
- 7.2.2.1 To be minimum ½ inch thick by six (6) inches wide having a GRADE WC cemented tungsten carbide insert of approximately 88 Rockwell A scale hardness.
- 7.2.2.2 The insert to be silver soldered on all sides of a milled slot near the center of the working edge.
- 7.2.2.3 The braze joint to have a transverse rupture strength of **345,000 PSI minimum**
- 7.2.2.4 Blade section must be identifiable by manufacturer, name and part number stamped on the reverse side of each section.
- 7.2.2.5 Wrap around curb guards to be mounted right and left side of plow
- 7.2.2.6 Curb guards to be 5/8 inch thick, approximately 6 inches high, and 8 inches long
- 7.3 Safety Trip Mechanism:
- 7.3.1 Tripping mechanism must be attached to semi-circle and moldboard ribs and shall use two (2) compressions springs.
- 7.3.2 Springs shall be two (2) external compression springs sitting inside two (2) moldboard adjusting struts made from (2) ½ inch x 2.5 inch bars sliding to a ¾ inch x 2.5 inch center bar with an overall length of 39.5 inches
- 7.3.3 The trip mechanism must hold the plow rigid in the plowing position and trip automatically when the cutting edge comes in contact with an obstruction then return to normal plowing position.

7.4 Push Frame:

- 7.4.1 Push frame shall be of all welded construction designed per manufacturer's heavy duty specifications. Push frame shall be no less than 120 inches in length for 10 foot and 132 inches in length for 11 foot plow made of x 4 inch x 4inch x 3/8 inch structural tube.
- 7.4.2 Moldboard to push frame connection to be by a minimum of seven (7) hinges with each hinge having a fully welded in bushing to house pin. Bushings shall be 1-1/4 inches mounted to two (2) 5/8 inch mounting ears for total bearing surface per bushing of 2-1/2 inch.
- 7.4.3 The plow push frame shall be equipped with an oscillating center pin of plow portion hitch of 2 inch with push plate being 1 inch x 33 inches x 5 inches feature to permit the plow to follow uneven road surfaces. Semi-Circle shall be 3-1/2 inch x 3-1/2 inch x ½ inch.
- 7.4.3.1 Push frame shall be equipped with a quick hitch connection system specific for WVDOH.
- 7.4.4 Hydraulic Power Reversing Mechanism:
- 7.4.4.1 Shall be two (2) double acting 4 inch x 2 inch x 10inch power reversing nitrided hydraulic cylinders fitted with the fixed base end near the center of the push frame. Cylinders shall be mounted above the semi-circle.
- 7.4.4.2 Hydraulic power reverse mechanism shall include a dual cross-over relief cushion valve rated at a minimum of 40 G.P.M.
- 7.4.4.3 The "A" frame is made from 4 inch channel with 2.5 inch flanges supporting a 2 inch center reversing pin mounted in a 3 inch, ½ inch wall tube and having a grease fitting. The push ends are welded to a 1 inch x 33 inches x 5 inch base plate having a 2 inch pivot hole for the oscillator bar to attach to.
- 7.4.5 Skid Shoes:
- 7.4.5.1 Caster mounted carbide mushroom type shoes, one (1) each side shall be provided.
- 7.4.5.2 Manufacturer's standard adjusting mechanism shall be included.

- 7.5 Hitch:
- 7.5.1 Designed as a universal heavy duty type unit to carry plows of weight specified when mounted on 32,000 pound class trucks minimum.
- 7.5.2 The hitch shall be a bumper to frame type universally adaptable to any conventional truck and to accommodate the tilt front end on the carrier.
- 7.5.2.1 Hitch shall be attached to truck's frame rails.
- 7.5.2.2 Hitch to include a lift system designed at a rated capacity of 8,000 lbs minimum.

 Lift cylinder must be same size as plows reversing cylinder for WVDOH's interchangeability.
- 7.5.3 Truck Portion Hitch Attachment of WVDOH quick release design.:
- 7.5.3.1 Hitch frame height shall be 33-5/8 inches and hitch width of 26 inches
- 7.5.3.2 Hitch frame members are ½ inch x 4 inch x 4 inch structural angle or tubing. This hitch is low profile for access to the truck's engine compartment.
- 7.5.3.3 The lift arm and lift frame shall be designed to accept a 4 inch lift cylinder with nitrided cylinder tube. Cylinders pins are to be 1 inch cold rolled steel..
- 7.5.3.4 Self-storing lift arm, accomplished by pulling one 1 inch pin and folding the cylinder up, allows you to re-pin to store.
- 7.5.3.5 The telescopic lift arm shall be manufactured of 4 inch x 4 inch x 3/8 inch square outer tubing and 3 inch x 3 inch x 3/8 inch square inner tubing. The lifting plate shall be 3/8 inch x 4 inch flat material and have two (2) banjo-type chain eyes able to accept ½ inch chain as well as the weight of the plow. Shall also have two (2) stabilizer arms mounted to receiver tube of telescoping arm and outside pivot of hitch.
- 7.5.4 Shall provide custom ½ inch Grade 50 or better cheek plates are to be bolted welded or bolted to main hitch and to allow for bolting to truck's frame rail.
- 7.6 Hydraulic System: Hydraulic pressure will be supplied from the truck central hydraulic system through a lift valve and reversing valve (main bank valve) to the plow lift and reversing cylinders. The vendor shall be required to supply the following hydraulic components:
- 7.6.1 One (1) 4 inch lift cylinder with 10 inch stroke double-acting nitrided hydraulic lift cylinder (even if we only use one (1) line fitting in upper end with breather), clevis pinned top and bottom.

- 7.6.2 Two (2) four (4) inch double acting nitrided hydraulic reversing cylinders
- 7.6.3 Three (3) pieces of two (2) wire hydraulic pressure hose one-quarter (1/4) inch diameter and approximately ten (10) feet long. Each hose must be equipped with:
- 7.6.3.1 One (1) quick coupler at plow end with dust caps. Prefer Snap-Tite Couplers VHN-8 Nipple Hose, VHN-8 Nipple Reverse Cylinder, VHC-8 Nipple Reverse Cylinder 90° Fitting.
- 7.6.3.2 Two (2) crimp-type hose fittings with male JIC 370 threads. One (1) to mate with swivel and the other to mate with quick coupler.
- 7.6.3.3 One (1) JIC 370 swivel 90°elbow/male JIC 370.
- 7.6.3.4 One (1) adaptor to mate bank valve port to JIC swivel.
- 7.7 Unit shall include all other features considered as standard equipment but not specifically addressed above.
- 7.8 Vendor must certify that snowplow offered will comply with Occupational Safety and Health Act of 1970 and subsequent amendments.
- 7.9 It is the intention of the West Virginia Division of Highways to secure a close fitting, simple, reversible snowplow that will be designed to operate as close as possible to the vehicle pushing it, to maintain truck balance within reasonable limits.
 - Key features for acceptability will be a relatively light weight compact unit. Lift by cable acceptable providing side shifting of cable is not impeded by lift point device.
 - Vendors are cautioned that a push frame and/or hitch assembly designed without regard to overall distance of truck to front of plow which would jeopardize truck balance may be judged as not conforming to these specifications.
- 7.10 Paint: The entire unit to not be painted but rather Powder Coated in accordance with West Virginia Division of Highways requirements as follows:
- 7.10.1 The entire unit to be sandblasted and thoroughly cleaned, free of rust, grease, and scale. All surfaces are high-pressure cleaned and degreased with phosphate solution prior to powder coating.
- 7.10.2 The complete assembly to receive one (1) layer of powder coating.

- 7.10.3 The front of the plow to be given one (1) layer of powder coating Federal Yellow (No. 93-6578) DuPont Deluxe equipment enamel or equal quality powder of other manufacturer.
- 7.10.4 The rear of the plow to be given one (1) layer of powder coating of manufacturer's standard Black (Flat) equipment enamel.
- 7.10.5 The push frame and hitch to be given one (1) layer of powder coating of manufacturer's standard Black (Flat) equipment enamel. Complete coverage of the push frame and hitch is mandatory.
- 7.11 Advertising: Manufacturer shall attach a metal plate on the reverse side of moldboard stating manufacturer, series or model number, size and type of blade (approximately six (6) inch to eight (8) inch square). Date of manufacture shall also be stamped on the plate or the moldboard. No large decals or painted advertisement are permitted.
- 7.12 All loose hardware to be in a separate container for each plow and shipped with each plow.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

BIDDER'S EVALUATION REPORT

PROCUREMENT SPECIFICATIONS NO. 021-2-D

OPEN END CONTRACT 10 FOOT OR 11 FOOT POWER REVERSIBLE SNOWPLOW (HYDRAULIC)

NOTE TO BIDDER: Procurement Specification No. 021-2-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. 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.: 7010 EC 010
	Bidder's Name: L.H. JONES Eaurpment Co.
	Address: 1825 Earl C. Con R.J. Morganton WV 26505
	Telephone Number: 304 792 (307
	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
X4.2 X4.2.1	DELIVERY: Delivery date of completed representative unit: Calendar Days After Receipt of Purchase Agreement
X4.2.2	2 Delivery date of balance of completed units: Calendar Days After Receipt of Purchase Agreement
	NOTE: Vendor should type Bidder's Evaluation Report

The <u>Bidder's Evaluation Reports</u> are ready for download on Purchasing's Web site at www.state.wv.us/admin/purchase

X5.0	AWARD CRITERIA;
X5.1	Price per unit: (0' \$8580.00 per unit
	11' \$8710.00 promit
X6.0 X6.1	SPECIFICATIONS - GENERAL Manufacturer, model, series, and date of manufacture of proposed unit:
MK	WV1036 - 120 DAPR/ECT , VALK WV1136 - 132 DAPR/ECT Is descriptive literature, fully describing proposed unit attached to your bid? YES X NO
X6.2	If not, why? Life the kpicks should wit, by white multiple to comply with specification. Will the required number of service manuals, and complete parts list be delivered to the Equipment Division at Buckhannon upon completion of delivery of total units?
	YESNO
	Will the required Equipment Preventive Maintenance Form (Section X6.2 of Bidders Evaluation Report) be provided upon inspection of the pilot unit? YESNO

X6.2 2-10-00

EQUIPMENT PREVENTATIVE MAINTENANCE QUESTIONNAIRE

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

DESCRIPT	TION:		MAI	KE:	
Me	ODEL:	YEAR:	PUR	CHASE AMOUN	Γ:
	MAKE:			_ FUEL TYPE:	
	HORSEPOWER:				
	COOLING SYSTEM CAPACITY: _				
BELTS:					
GVW:	AXLE CAPAC	CITY:FRONT:			REAR:
TIRES:	FRONT MAKE & SIZE:				
	REAR MAKE & SIZE:				
DIMENSIO	ONS OF UNIT: LENGTH:		WIDTH:		LENGTH:
VENDOR	CONTACT PERSON:			PHONE:	
PARTS:					
BATTERV	MAKE.	MODEL:		CCA	:
TOP OR S	Y MAKE: SIDE POST:	DIMENSIONS	: LENGTH	WIDTH	HEIGHT
SPARK PI	LUGS OR FUEL INJECTORS MAKE:		PART #		
BUBL PIN	MP DR INTECTION PLIME MAKE		MIODEE.		
ALTERNA	ATOR MAKE:		PART #:		
STARTER	RMAKE:		PAKI#:		
TURBO C	CHARGER MAKE:		PART #:	ATITOATANTI	AT
TRANS. N	CHARGER MAKE: MOD MAKE: MOD ILIC PUMP MAKE:	EL:	MODEL	_ AUTO/MANU	AL:
HYDRAU	ILIC PUMP MAKE:		MODEL:		
FILTERS	MAKE PART NO.	LUBI	RICANT	MANUFACT	TURER TYPE
OIL		ENGI	NE		
	ER	TRA	NOISSIME		
AIR OUT	ER	POW	ER STEERING		
FUEL PRI	IMARY	HYD	RAULIC		
FUEL SE	IMARY CONDARY	DIFF	ERENTIALS _		
COOLAN	TT	BRAJ	KE FLUID		
HYDRAU	JLIC	COO	LANT		
OTHER		OTH	ER		

X6.3	TRAINING:			
	Will training seminar be conducted on Preventive Maintenance, Operator a	nd Me ÆS _	echanic Tra	ining
	Will you conduct training with each purchase order against this open of	end co	ptract? YES	_ NO
	Will training be conducted within 2 working days from the delivery of the purchase order?	pilot u	nit on the i	ndividual NO
	If NO, explain time frame			
	Will an Operator's Manual be furnished directly to Training Academy delivery of the pilot?	y prio	r to the YES	NO
X6.4	If you are the successful vendor, will you furnish all training aids, i.e., in conducting the training? YESNO	videos	s, projecto	rs, required
X6.4.1	Will all manuals, booklets, etc. explaining preventive maintenance, service schedule be delivered with each unit? If NO, explain		YES	dures, and _NO
X6.5	WARRANTY AND SERVICE POLICY			
	Will the warranty and service you provide comply with all areas as stated in YES NO)		specifications
	Is warranty literature attached?	YES _	NO	
·	Is a minimum two (2) year bumper to bumper basic parts and labor wand normal wear items included? Describe: A Halel	/arran YES _	nty excludi NO	ng abuse

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

1. De	fine the terms of the s	•	varranty. If r		o state. (At	tach copy	y)		·····
manu	fine warranty service facturer's representat	ive facility	y. List name	and location	of manufac	y service cturer's r f Joury	representa	tive.	
	et locations for parts i	nventories	s that are with	hin the State	w	norsent	oun el	N 50.005	
know	LH Johns 1875 Ea		(o. yr Ki.						
	rring the term of warr or will sell the parts to	anty, list tl	26 sof he guarantee	discount to	manufacture	er's publ	ished list	price for parts th	nat
A. B. C.	Terms: Net 30 Terms: Net 60 Terms: Net 90	Manuf	facturer's pul	blished list p blished list p blished list p	rice less:	0 0 0	% disco % disco % disco	unt	
	nring the term of warr ways?	anty, will	all manufact	turers or engi	neering imp			mitted to Divisi	on of
6. Du	uring the term of warr	anty, list t	he guarantee	ed rates charg	ged for repai	ir to the	unit.		
A.	Shop Rate		\$ 80	per mech	anic hour				
В.	Travel Time Charg (Specify if one-wa	•	\$	per mech_; port to po	nanic hour				
C.	Mileage Charge (Specify if one-wa	y	\$ 1.75	per vehic _; port to po					
D.	Field Mechanic Ra	ite	\$ 80	per mech	anic hour				
E.	Specify period of t	ime that p	orices are in e	effect:	yo ha	_	te of	delinen	
F.	Specify period of t	ellaneous	items:he	f rost	√ { <u></u> %	ai,	breight	-	

77//	PIZZZITZZETONI	COLOR ATTTTT	DECLIDER	ATTENDED
X6.6	EVALUATION	COMMITTEE	KEQUIKEN	MEN 12

	Is all component specifications, product literature, component models provided for Evaluation Committee bid determination? YESNO
X6.7	Will all parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, be furnished with the unit and conform in strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry? YESNO
X6.7.1	Are all parts and accessories adequate and regularly supplied as standard to be included except those which may be duplications of specifications herein, and except these by specification are not to be furnished? YESNO
X6.7.2	Are all standard safety features that are required by Federal and State statutes of law included? YESNO
X7.0	SPECIFICATIONS OF THE QUOTED UNIT The bidder should complete the following schedule in order for the Division to compare the actual bid unit to the specifications. Should the bidder except a requirement, then such exception may be only on the basis that such feature is not offered by the manufacturer. The Division will have the sole discretion as to whether the bidder's substitution meets the requirements of the specifications. by the manufacturer. The Division will have the sole discretion as to whether the bidder's substitution meets the requirements of the specifications.
	Is the snowplow designed for mounting on a single axle or tandem dump truck YES NO
	Is the snowplow capable of plowing to the right or left at and angle approximately 35° discharging to the right or left YES NO
	Does it have a center mounted trip spring leaving the plow area outside the reversing arc free for nesting close to the pushing vehicle YES NO See Add. 2
	Is it a straight blade type with an integral type snow shield YES NO
	Will you supply the hose and fittings to connect both systems to the valve located under the front bumper YESNO
	Is the blade section type, made up of three (3) and four (4) foot sections to total 10 feet or 11 feet wide, having a tungsten carbide inserted cutting edge YESNO
	Manufacturer: VALK Model: RV10)6-170 DAPR/ECT
	RI/ 1/2, -130 DAPR/ ECT

X7.1 M	foldboard:
X7.1.1	Overall Width:
X7.1.1.1	OPTION #1 – 10 Foot YES NO
X7.1.1.2	OPTION #2 – 11 Foot YES NO
X7.1.2	Overall height: inches
X7.1.3	Moldboard construction:(2 U.S. Gauge 304
X7.1.4	Travel arc: ° each way; total °
X7.1.5	Moldboard has a cutting edge attach angle with three (3) adjustments from 5 degree, 10 degree, and 20 degree vertical measurement from ground using 3/4 inch pins YESNO
X7.1.6	Weight of plow: 10 foot 1800 Lbs. 11 foot 1800 Lbs.
X7.1.7	Number of vertical ribs
X7.1.8	Is an additional rubber snow shield provided? YESNO
	Size of belting $\frac{1/8}{2}$ Zum entire length of plow? YESNO
	Mounted so it won't add to overall height? YESNO
X7.1.9	Continuously welded ribs, moldboard, and anglesYESNO
X7.1.10	Reinforced at top and bottom edges? YESNO
	Top of moldboard reinforced with integrally structural channel? YESNO
	Size of channel: 3'/2" x 2'/2" x 78
	Size of channel: 3'/2" x 2'/2" x 78 Bottom angle x y angle gusseted.
X7.2	Cutting Edge:
X7.2.1	Sectioned, standard AASHO punched, in three (3) foot and four (4) foot lengths? YES NO

X7.2.2	Blade Sections: 26
X7.2.2.1	insert of approximately 88 Rockwell A scale hardness? YESNO
X7.2.2.2	Insert silver soldered on all sides of a milled slot near the center of the working edge? YESNO
X7.2.2.3	Braze joint transverse rupture strength: 350000 PSI
X7.2.2.4	Blade section identifiable by manufacturer, name and part number stamped on the reverse side of each section? YESNO
X7.2.2.5	Will wrap around curb guards be mounted on right and left side of plow YESNO
X7.2.2.6	Curb guards are 5/8 inch thick, 6 inches high and 8 inches long
X7.3 Sa X7.3.1	afety Trip Mechanism: Tripping mechanism attached to semi-circle and moldboard ribs use two (2) compression springs YESNO
X7.3.2	Are springs two (2) external compression springs sitting inside (2) moldboard adjusting struts made from (2) ½ inch x 2.5 inch bars sliding to a ¾ x 2.5 inch center bar with an overall length of 39.5 inches YESNO
X7.3.3	Does the trip mechanism hold the plow rigid in plowing position and trip automatically when cutting edge comes in contact with an obstruction then returns to normal plowing position? YESNO
X7.4 P X7.4.1	ush Frame: All welded construction designed per manufacturer's heavy duty specifications?YESNO
	Push frame length for 10 foot: 130 inches Structural tube size: 4"x4" x 3/8" Push frame length for 11 foot: 132 inches Structural tube size: 4"x4" x 3/8"
	_
X7.4.2	Number of hinges in moldboard to push frame connection?
	Each hinge has a fully welded in bushing to house pinYESNO
·	Bushings are 1 ½ inch mounted to two 5/8 inch mounting ears for total bearing surface per bushing of 2 ½ inches NO

X7.4.3	Equipped with an oscillating center pin of plow portion hitch of 2 inch with push plate being 1 inch x 33 inches x 5 inches feature to permit plow to follow uneven road surfaces? YESNO
	Semi-circle is 3 ½ inches x 3½ inches x ½ inch YESNO
X7.4.3.1	Is push frame equipped with a quick hitch connection system specific for WVDOH? YESNO See Aff. 7
X7.4.4 H X7.4.4.1	ydraulic Power Reversing Mechanism: Consist of two (2) double acting 4 inch x 2 inch x 10 inch power reversing hydraulic cylinders fitted with the fixed base end in the center of the push frame? YESNO
	Are cylinders mounted above the semi-circle YES NO
X7.4.4.2	Does hydraulic power reverse mechanism include a dual cross-over relief cushion valve?
	Rated atGPM
X7.4.4.3	The "A" frame is made from $\frac{4}{\text{inch}}$ inch channel with $\frac{2}{\text{inch}}$ inch flanges supporting a $\frac{2}{\text{inch}}$ inch center reversing pin mounted in a $\frac{2}{\text{inch}}$ inch, $\frac{2}{\text{inch}}$ wall tube and having a grease fitting YES NO
	Push ends are welded to a inch x inch x inch base plate having a inch pivot hole for the oscillator bar to attach to YES NO
X7.4.5 X7.4.5.1	Skid Shoes: Are caster mounted carbide mushroom type shoes included? YES NO
	One on each side YES NO
X7.4.5.2	Manufacturer's standard adjusting mechanism included?YESNO
X7.5 H X7.5.1	Universal heavy duty type designed to carry plows of weight specified when mounted on a 32,000 pound class truck minimum? YES NO
X7.5.2	Bumper to frame type universally adaptable to any conventional truck and to accommodate a tilt front end on the carrier? YESNO
V7 5 2 1	Is hitch attached in truck's frame rails?

X7.5.2.2	Does hitch include a lift system	YI YI	ESNO	
	Designed at a rated capacity of	bs.		
	Is lift cylinder the same size as plows rever	rsing cylinder for WVD	OH interchar	ngeability
X7.5.3 H	Hitch to Bumper Attachment:	1	<u> </u>	
X7.5.3.1	Is hitch frame height 33 5/8 inches and hit			
X7.5.3.2	Hitch members areinches x incl	hes x Yz inches struc	tural angle or ES NO	tubing
	Hitch is low profile for access to the truck's	engine compartment _	YES	NO
X7.5.3.3	Is the lift arm and lift frame designed to actube?	ccept a 4 inch lift cylind	der with nitric NO	ded cylinder
	Cylinder pins are inch cold rolled stee		_NO	
X7.5.3.4	Does unit have self-storing arm	YESNO		·
	Is this accomplished by pulling one (1)- one allows you to re-pin to store?	e (1) inch pin and folding	the cylinder u ES NO	ip which
X7.5.3.5	Axle clamp allows longitudinal motion bu	t not vertical and horiz	contal motion? ES NO	?
X7.5.4	Does unit provide custom ½ inch Grade 50 or l bolted to main hitch and allows for bolting to t	better check plates whi truck's frame rail	ch are bolted YES	welded or NO
	draulic System: ill you supply the following hydraulic compone	entsYES	NO	
X7.6.1	Provide one (1) 4 inch lift cylinder with 10" str clevis pinned top and bottom?	roke double-acting nitr	ided hydrauli Y	c lift cylinder ESNO
X7.6.2	Provide two (2) four (4) inch double acting nit	rided hydraulic reversi Y	ing cylinders? /ES NO	•
X7.6.3	Provide three (3) pieces of two (2) wire hydrau by approximately ten (10) feet long?	ılic pressure hose one-c	quarter (1/4) i	nch diameter NO
	Is each hose equipped with the following	YES_	NO	

X7.6.3	.1	Each hose equipped with one (1) quick coupler at Manufacturer/Model: Snap. He vucs &	plow	end with o	dust cap? ES	? NO	
		Manufacturer/Model: Snap. He VHC8 &	VHN	8		.110	
X7.6.3	.2	Each hose equipped with two (2) crimp-type fitting mate with swivel and the other to mate with quick			C 370 th YE	reads (e	one (1) to _NO
X7.6.3	.3	Each hose equipped with one (1) JIC 370 - swivel	- 90°e	lbow/male	е ЛС 37(ES)? _NO	
X7.6.3	.4	Each hose equipped with one (1) adaptor to mate	bank	valve por	t to JIC s ES	wivel? NO	
X7.7		Standard Features: ther standard features offered and not addressed a	above:	1.000			
X7.8	Does t	the proposed unit meet or exceeds the OSHA of 19	70 and	Vor subsec	quent ch	anges?	
X7.9		wplow close fitting, simple, reversible snowplow the le to the vehicle pushing it, to maintain truck bala	nce wi	thin reaso	onable lin NO		s close as
	Is it a	relatively light weight compact unit		YES	NO		
X7.10		h frame and/or hitch assembly designed with regard to would jeopardize truck balance?	o overa	ld distance YES	of truck NO	to front	of plow
X7.10 X7.10.	1 Wil	ll unit be sandblasted and prepped prior to painting as	stated	in 7.10.1?	· <u>/</u>	YES_	NO
X7.10.	2 Wil	Il complete assembly receive one (1) layer of powder	coatin	g _	YE	s	NO
X7.10.	3 Des	scribe painting of front of plow:	Federal	Yellow	equal	6 93	-6578
X7.10.		scribe painting of rear of plow:Pauler cust					
X7.10.		nt for push frame and hitch Pade Cort			K		
	Wi	ll push frame and hitch be completely covered		Y	ES	_NO	
X7.11	Does t	the unit conform to the advertising guidelines?			ES	NO	
X7.12	Will a	ll loose hardware be in separate containers for each p	low an	d be shipp.	ed with e	ach plo	w?

PREBID ADDENDUM OPEN END CONTRACT 7010EC10

10 FOOT AND 11 FOOT POWER REVERSIBLE SNOWPLOW

CHANGES TO SPECIFICATIONS:

FROM:

7.0 SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

(1st Paragraph)

The hydraulically reversible snowplow to be designed for mounting on a single axle or tandem dump truck. The snowplow to be capable of plowing to the right or left at an angle of approximately thirty-five degrees (35°) discharging snow to the right or left. It should have a center mounted trip spring leaving the plow area outside the reversing arc free for nesting close to the pushing vehicle. It should be a straight blade type with an integral type snow shield.

TO:

7.0 SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

(1st Paragraph)

The hydraulically reversible snowplow to be designed for mounting on a single axle or tandem dump truck. The snowplow to be capable of plowing to the right or left at an angle of approximately thirty-five degrees (35°) discharging snow to the right or left. It should be a straight blade type with an integral type snow shield. It should have two (2) trip springs setting inside the two (2) moldboard struts.

FROM:

7.1.6 Weight of plow: 10 foot – 1750 pounds 11 foot – 1815 pounds

TO:

7.1.6 Weight of plow: 10 foot – 1750 pounds minimum

11 foot – 1815 pounds minimum

DELETE:

7.4.3.1 Push frame shall be equipped with a quick hitch connection system specific

for WVDOH

Page 2 PreBid Addendum 70-10-EC010

FROM:

7.4.4.1

Shall be two (2) double acting 4 inch x 2 inch x 10 inch power reversing nitrided hydraulic cylinders fitted with the fixed base end near the center of the push frame. Cylinders shall be mounted above the semi-circle.

TO:

7.4.4.1

Shall be two (2) double acting 4 inch x 2 inch power reversing nitrided hydraulic cylinders fitted with the fixed base end near the center of the push frame. Cylinders shall be mounted above the semi-circle.

FROM:

7.5.2

The hitch shall be a bumper to frame type universally adaptable to any conventional truck and to accommodate the tilt front end on the carrier.

TO:

7.5.2

The hitch shall be a bumper frame type adaptable to any conventional truck and to accommodate the tilt front end on the carrier.

FROM:

7.10.2

The complete assembly to receive one (1) layer of powder coating.

TO:

7.10.2

The complete assembly to receive one (1) layer of powder coating. The front may be sprayed in enamel.

PREBID ADDENDUM OPEN END CONTRACT 7010EC10

10 FOOT AND 11 FOOT POWER REVERSIBLE SNOWPLOWS

CHANGES TO BIDDER'S EVALUATION REPORT:

DELETE: X7.0	SPECIFICATIONS OF THE QUOTED UNIT (4 th Paragraph) Does it have a center mounted trip spring leaving the plow area outside the reversing arc free for nesting close to the pushing vehicleYESNO
ADD: X7.0	SPECIFICATIONS OF THE QUOTED UNIT Does it have two (2) trip springs setting inside the two (2) moldboard struts YESNO
NO CHAN X7.1.6	NGE REQUIRED: Weight of plow: 10 foot 1800 Lbs. 11 foot 1880 Lbs.
DELETE: X7.4.3.1	Is push frame equipped with a quick hitch connection system specific for WVDOHYESNO
FROM: X7.4.4.1	Consist of two (2) double acting 4 inch x 2 inch x 10 inch power reversing hydraulic cylinders fitted with the fixed base end in the center of the push frame?YESNO Are cylinders mounted above the semi-circleYESNO
TO: X7.4.4.1	Consist of two (2) double acting 4 inch x 2 inch power reversing hydraulic cylinders fitted with the fixed base end in the center of the push frame? YES NO
	Are cylinders mounted above the semi-circleYES NO

Page 2 PreBid Addendum Bidder's Evaluation Report

FROM: X7.5.2	Bumper to frame type universally adaptable to any conventional truck and to accommodate a tilt front end on the carrier?YESNO
TO: X7.5.2	Bumper to frame type adaptable to any conventional truck and to accommodate a tilt front end on the carrier? YES NO
FROM: X7.10.2	Will complete assembly receive one (1) layer of powder coating _YESNO
TO: X7.10.2	Will complete assembly receive one (1) layer of powder coating? YESNO
	Will front be sprayed in enamel? YESNO



HODOREA

RFQ COPY

TYPE NAME/ADDRESS HERE

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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304-558-2402

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

304-472-1750

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RFQ COPY

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

Request for Quotation 7010EC010 7010EC010

PAGE	7
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ADDRESS CORRESPONDENCE TO ALTENTION OF THE MICHAEL AUSTIN 304-558-2402

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

26201

304-472-1750

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PREBID ADDENDUM OPEN END CONTRACT 7010EC10

10 FOOT AND 11 FOOT POWER REVERSIBLE SNOWPLOW

CHANGES TO SPECIFICATIONS:

FROM:

7.0

SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

(1st Paragraph)

The hydraulically reversible snowplow to be designed for mounting on a single axle or tandem dump truck. The snowplow to be capable of plowing to the right or left at an angle of approximately thirty-five degrees (35°) discharging snow to the right or left. It should have a center mounted trip spring leaving the plow area outside the reversing arc free for nesting close to the pushing vehicle. It should be a straight blade type with an integral type snow shield.

TO:

7.0 SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

(1st Paragraph)

The hydraulically reversible snowplow to be designed for mounting on a single axle or tandem dump truck. The snowplow to be capable of plowing to the right or left at an angle of approximately thirty-five degrees (35°) discharging snow to the right or left. It should be a straight blade type with an integral type snow shield. It should have two (2) trip springs setting inside the two (2) moldboard struts.

FROM:

7,1.6 Weight of plow: 10 foot - 1750 pounds 11 foot - 1815 pounds

TO:

7.1.6 Weight of plow: 10 foot - 1750 pounds minimum

11 foot – 1815 pounds minimum

DELETE:

7.4.3.1 Push frame shall be equipped with a quick hitch connection system specific

for WVDOH

Page 2 PreBid Addendum 70-10-EC010

FROM:

7.4.4.1

Shall be two (2) double acting 4 inch x 2 inch x 10 inch power reversing nitrided hydraulic cylinders fitted with the fixed base end near the center of the push frame. Cylinders shall be mounted above the semi-circle.

TO:

7.4.4.1

Shall be two (2) double acting 4 inch x 2 inch power reversing nitrided hydraulic cylinders fitted with the fixed base end near the center of the push frame. Cylinders shall be mounted above the semi-circle.

FROM:

7.5.2

The hitch shall be a bumper to frame type universally adaptable to any conventional truck and to accommodate the tilt front end on the carrier.

TO:

7.5.2

The hitch shall be a bumper frame type adaptable to any conventional truck and to accommodate the tilt front end on the carrier.

FROM:

7.10.2

The complete assembly to receive one (1) layer of powder coating.

TO:

7.10.2 The complete assembly to receive one (1) layer of powder coating. The front may be sprayed in enamel.

PREBID ADDENDUM OPEN END CONTRACT 7010EC10

10 FOOT AND 11 FOOT POWER REVERSIBLE SNOWPLOWS

CHANGES TO BIDDER'S EVALUATION REPORT: DELETE: SPECIFICATIONS OF THE QUOTED UNIT X7.0 (4th Paragraph) Does it have a center mounted trip spring leaving the plow area outside the reversing arc free for nesting close to the pushing vehicle YES NO ADD: X7.0 SPECIFICATIONS OF THE QUOTED UNIT Does it have two (2) trip springs setting inside the two (2) moldboard struts YES _____NO NO CHANGE REQUIRED: Weight of plow: 10 foot 1800 Lbs. 11 foot 1880 X7.1.6 DELETE: X7.4.3.1 Is push frame equipped with a quick hitch connection system specific for WVDOH YES NO FROM: X7.4.4.1 Consist of two (2) double acting 4 inch x 2 inch x 10 inch power reversing hydraulic cylinders fitted with the fixed base end in the center of the push frame? YES NO Are cylinders mounted above the semi-circle YES NO TO: X7.4.4.1 Consist of two (2) double acting 4 inch x 2 inch power reversing hydraulic cylinders fitted with the fixed base end in the center of the push frame? VYES NO

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

Are cylinders mounted above the semi-circle _____YES_____ NO

Page 2 PreBid Addendum Bidder's Evaluation Report

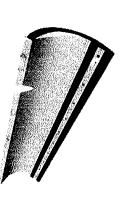
FROM:	
X7.5.2	Bumper to frame type universally adaptable to any conventional truck and to accommodate a tilt front end on the carrier?YESNO
TO:	
X7.5.2	Bumper to frame type adaptable to any conventional truck and to accommodate a tilt front end on the carrier? YES NO
FROM:	
X7.10.2	Will complete assembly receive one (1) layer of powder coating_YES_NO
TO:	
X7.10.2	Will complete assembly receive one (1) layer of powder coating? YESNO
	Will front be sprayed in enamel? YES NO
	all powder cont



M Reversible Snowplows

Valk Reversible snowplows are designed for rugged all purpose plowing. The plow can be adjusted for discharging snow from the right or left end of the moldboard. Ideal for city streets, parking lots, or any place where low cost snow removal is required.

- automatically returns the moldboard to the normal plowing position. This prevents damage to the plow and truck and also safeguards • A fully enclosed dual trip spring assembly permits the moldboard to trip forward when the plow strikes an obstruction and the operator.
- Adjustable caster assemblies equipped with wear shoes stabilize the plow, prevent chatter, and reduce cutting edge wear. Optional carbide wear shoes and wheels are also available.
- The plow can be adjusted for different cutting widths and plowing angles. The moldboard pitch is also adjustable.
- The plow comes equipped with an abrasive resistant cutting edge and wear shoes. Carbide blades, caster, and moldboard shoes are also available for increased abrasive wear resistance.
- 3/8 U.H.M.W. polyethylene moldboard available.
- 116" semicircle with 5 hookup points available on models 10 feet and above.
 - 104" semicircle with 5 hookup points available on 9 foot models.
 - Built-in snowshield available.



RV Power Reverse Series

A mechanical lock latch is featured on RV Series snowplows equipped with power angling. The reversing cylinders automatically release the latch before angling. When the desired plowing angle is reached, the latch is moved back into position mechanically to hold the desired angle and take pressure off of the hydraulic cylinders.

	Recommen ded Truck Size	1 to 2 Ton	2 to 4 Ton	2 to 5 Ton	2 to 5 Ton	2 to 5 Ton	2 to 5 Ton	2 to 5 Ton	2 to 5 Ton	2 to 5 Ton	2 to 5 Ton	3 to 5 Ton	3 to 5 Ton	3 to 5 Ton
	42°	5,	6,10"	9.2	1,9,2	9,2	9,2	.9,2	8,5,,	8'2"	8'2"	8'11"	8'11"	8'11"
At	35°	6' 61/2"	7:5"	,,2,8	8'2"	8'2"	8'2"	8'2"	9,	9,	9,	10,	10,	10'
Width	58 8	7'1"	7'11"	8'10"	8'10"	8'10"	8'10"	8'10"	9'81/2"	9'81/2"	9'81/2"		10,1"	10,2"
Cutting	•0	8.	9,	10,	10'	10'	10'	10'	11'	11'	11'	12'	12'	12'
Õ	Approx. of Lbs.	1175	1295	1345	1385	1555	1595	1735	1435	1685	1830	1485	1705	1875
	Cutting Edge Size	1/2" × 6"	1/2" × 6"	1/2" × 6"	1/2" × 6"	1/2" × 6"	1/2" × 6"	1/2" x 6"	1/2" × 6"	1/2" × 6"	1/2" x 6"	1/2" × 6"	1/2" × 6"	1/2" × 6"
	Thickness of Moldboard	10 GA.	10 GA.	10 GA.	10 GA.	10 GA.	10 GA.	10 GA.						
	Enclosed Trip Cylinder Springs	2	2	2	2	2	2	2	2	2	2	2	2	2
	Number of Horizontal Ribs	2	2	2	2	2	2	2	2	2	2	2	2	2
	Number of Vertical Ribs	9	8	8	8	8	8	8	8	8	8	8	8	80
	Hinge Point Centers	09	09	09	75"	09	75"	116"	54	5/	116"	12،	.52	116"
	Height	30"	30"	30,,	30	36"	.98	42"	30"	.98	42"	30,,	.98	42"
	Overall Width	8	6	10,	10,	10,	10,	10,	11,	11'	11,	12,	12'	12'
	Plow Model No.	RV801-60PR	RV901-60PR	RV101-60PR	RV101-75PR	RV102-60PR	RV102-75PR	RV103-116PR	RV111-75PR	RV112-75PR	RV113-116PR	RV121-75PR	RV122-75PR	RV123-116PR

RVS Power Reverse Series

The RVS Series snowplows are power angled by means of 4x10 double acting cylinders. Both cylinders are used for reversing in either direction without recourse to a locking device. This means more reversing power while the truck and plow are moving. Cylinders are attached by two 1 1/4" pins.

- Also available with power angling by means of 4x22 double acting cylinders.
 - Optional cushion valve available for cylinder protection.

									<u>ر</u>	Cutting	Width At	At	=
Plow Model Overall No. Width	Overall Width	Height	Hinge Point Centers	Number of Vertical Ribs	Number of Horizontal Ribs	Enclosed Trip Cylinder Springs	Thickness of Moldboard	Cutting Edge Size	Cutting Approx.	ဝိ	320	45°	Recommend ed Truck Size
RVS930PR	9,	30"	84"	8	2	2	10 GA.	1/2" × 6"	1685	ģ	7'5"	6.10"	3 to 5 Ton
RVS936PR	-6	36"	84"	8	2	2	10 GA.	1/2" × 6"	1745	9,	7.5"	6.10"	3 to 5 Ton
RVS1030PR	10,	30"	84"	8	2	2	10 GA.	1/2" × 6"	1810	10,	8'2"	.9./	5 to 10 Ton
RVS1036PR	10,	36"	84"	8	2	2	10 GA.	1/2" × 6"	1860	10,	8'2"	9./	5 to 10 Ton
RVS1042PR	10,	42"	84"	8	2	2	10 GA.	1/2" × 6"	1925	10,	8'2"	9./	5 to 10 Ton
RVS1130PR	11,	30"	84"	8	2	2	10 GA.	1/2" × 6"	1935	11,	9.	8'2"	5 to 10 Ton
RVS1136PR	11,	36"	84"	8	2	2	10 GA.	1/2" × 6"	1995	11:	-6	8'2"	5 to 10 Ton
RVS1142PR	111	42"	84"	8	2	2	10 GA.	1/2" × 6"	2100	11,	9.	8'2"	5 to 10 Ton

NVALK MARUFACTURING COMPANY

SNOW PLOW WARRANTY

VALK MANUFACTURING COMPANY WARRANTS THAT EACH SNOW PLOW DELIVERED WILL BE WARRANTED FROM DEFECTS IN MATERIAL OR WORKMANSHIP FOR A PERIOD OF TWO YEARS

VALK MANUFACTURING COMPANY

Federal F. Clang

ROBERT P. LANG VICE PRESIDENT

SNOW PLOW DIVISION

FAX: (717) 697-6297 WEBSITE: www.valkmfg.com

PHONE: (717) 766-0711

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

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

1.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preced-
	ing the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
	Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4.	Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
require agains	r understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty st such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency fucted from any unpaid balance on the contract or purchase order.
author	omission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and rizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid quired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information and by the Tax Commissioner to be confidential.
and a	r penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true ccurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate ges during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.
Bidde	Title: C.O. O.
Date:	7/19/10 Title: C.a.u.
	any combination of preference consideration(s) indicated above, which you are entitled to receive.

RFQ No.	7010EC010
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STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE	
Vendor's Name: LH Junes Egypnet (c.	7/15/1.
Authorized Signature:	_ Date:// '7// o
State of West Virginia	
County of Monongalia, to-wit:	
Taken, subscribed, and sworn to before me this $\frac{19}{19}$ day of December, $20 \frac{10}{10}$.	
My Commission expires <u>March</u> 29 , 20/6.	Jamie Hellen
AFFIX SEAL HERE NOTORY PUBLIC	//

