

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

Request for
Quotation
708EC005

708EC005

JOHN JOHNSTON

address correspondence to a hention of

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

304-472-1750

RFQ COPY TYPE NAME/ADDRESS HERE Swenson Spreader LLC 127 Walnut Street Lindenwood, IL 61049

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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.
- The State may accept or reject in part, or in whole, any bid.
- 3. All quotations are governed by the West Virginia Code and the Legislative Rules of the Purchasing Division.
- 4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
- 5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30
- 6. Payment may only be made after the delivery and acceptance of goods or services
- Interest may be paid for late payment in accordance with the West Virginia Code.
- 8. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes
- 10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 11. The laws of the State of West Virginia and the Legislative Rules of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
- 12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties
- 13. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
- 14. HIPAA Business Associate Addendum The West Viginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160 103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

#### INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division.
- 2. SPECIFICATIONS: Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications
- Complete all sections of the quotation form.
- Unit prices shall prevail in cases of discrepancy.
- 5. All quotations are considered F.O.B destination unless alternate shipping terms are clearly identified in the quotation
- 6. BID SUBMISSION: All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

#### SIGNED BID TO:

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



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RFQ COPY

TYPE NAME/ADDRESS HERE

Swenson Spreader LLC

Lindenwood, IL 61049

127 Walnut Street

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

## Request for

REONUMBER: 708EC005

MADDHESS CORRESPONDENCE TO AWEN HONCE

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DIVISION OF HIGHWAYS ROUTE 33 BUCKHANNON, WV

EQUIPMENT DIVISION BRUSHY FORK ROAD 26201 304-472-1750

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Swenson Spreader L 127 Walnut Street Lindenwood, IL 610

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Swenson Spreader LLC

Lindenwood, IL 61049

State of West Virginia
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Purchasing Division
2019 Washington 2019 Total Purchased

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JOHN JOHNSTON 304-558-2402

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

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TYPE NAME/ADDRESS HERE Swenson Spreader LLC 127 Walnut Street Lindenwood, IL 61049

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

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#### Request for PEGINUMBER Quotation

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RFQ COPY TYPE NAME/ADDRESS HERE Swenson Spreader LLC 127 Walnut St. Lindenwood, IL 61049

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Swenson Spreader LLC

127 Walnut Street

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

## Request for

SEO NUMBER 708EC005

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ИОТЗИНОС ИНОС 304-558-2402

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

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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 PRONUMBER

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

304-472-1750 26201

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RFQ COPY

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Swenson Spreader LLC

Lindenwood, IL 61049

127 Walnut Street

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

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Maddress Correspondence 1974 Henrich (1888)

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DIVISION OF HIGHWAYS ROUTE 33

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# WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EOUTPMENT DIVISION

#### PROCUREMENT SPECIFICATIONS NO. 013-2-B

# OPEN END CONTRACT NINE CUBIC YARD 304 STAINLESS STEEL DEMOUNTABLE ABRASIVE AND CHEMICAL SPREADER (HYDRAULIC)

#### 1.0 PURPOSE

It is the purpose of these specifications to describe a 9 Cubic Yard 304 Stainless Steel Demountable Abrasive and Chemical Spreader (Hydraulic) (hereinafter referred to as a "spreader" 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 exception must be noted on the bidder's evaluation report and should be accompanied by supporting documentation/literature from the manufacturer. Any exception must be indicated on a separate attachment to the bidder's evaluation report and labeled as "Exception to Specifications". The state reserves the right to determine whether the stated exception does or does not reduce the quality and performance of the unit. Failure to provide information for any exceptions may be grounds for rejection of the bid. The

state reserves the right to waive minor irregularities in bids or specifications in accordance with §148-1-4(f) of the WV Legislative Rules and Regulations.

#### 3.2 MANDATORY SPECIFICATIONS

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

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

#### 4.0 REPRESENTATIVE UNIT FOR TEST

The successful vendor must (if specified) provide DOH one (1) completed representative unit to be observed and evaluated on 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 with all associated parts 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
- 5.1 DOH will recommend the award in accordance with the RFQ evaluation criteria described in the requisition. The award shall be made to the lowest unit cost vendor that meets or exceeds the specifications.

Prices for the units shall be in quantities of 1-10, 11-20, 21-30, 31-40, 41-50, 51 and over. However, for evaluation purposes, we will use quantities 1-10. 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, 2007 and be clearly identified and marked with date of manufacture.

- OPERATING AND SERVICE MANUALS AND PARTS LISTS
  An operator's manual must be included with each unit upon delivery. A "line sheet" (if applicable) and Equipment Preventative Maintenance Questionnaire (as shown in X6.2 of the Bidder's Evaluation Report) must be with pilot unit upon delivery. In addition, there must be 12 service, shop, or maintenance manuals; ten (10) to be distributed to the Districts and two (2) for the Equipment Division. Also, there must be 14 parts manuals; ten (10) to be distributed to the Districts and four (4) for Equipment Division use. CD ROM is preferred in lieu of parts manuals.
- \* NOTE: MANUALS SHALL BE DELIVERED UPON COMPLETION OF DELIVERY OF TOTAL UNITS. FAILURE TO DO SO WILL DELAY PAYMENT.

#### 6.3 TRAINING:

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

Manufacturers and/or dealers shall be required to furnish the Training Academy with one (1) Operator's Manual to be shipped direct to Letha Lamb, 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 is required for this unit.

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

## 6.6 EVALUATION COMMITTEE REQUIREMENTS

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

#### 6.7 UNSPECIFIED ACCESSORIES & FEATURES

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

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

- 7.0 SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:
- 7.1 Spreaders offered shall be of the commercial heavy-duty, self-contained, hopper type.
- 7.2 Spreaders shall consist of a 12 gauge 304 stainless steel body, feeder conveyor, spinner disc, power drive, and all components necessary to make a complete operating unit.
- 7.3 The spreader shall be capable of uniformly spreading sand, cinders, salt, calcium chloride, or other mixtures up to a width of forty (40) feet.
- 7.4 Body:
- 7.4.1 The body shall be of 304 stainless steel construction 100% welded inside and outside of the body.
- 7.4.2 The struck capacity shall be 9 cubic yards.
- 7.4.3 Inside length shall be 13 feet as measured from front of spreader hopper to the rear hopper gate and conveyor chain exit point
- 7.4.4 Overall height to be 59 inches maximum
- 7.4.5 Inside width to be 82 inches maximum.
- 7.4.6 The body sides must slope at approximately 45 degree pitch to insure free flow of materials to the conveyor.

- The body sides and end-gates to be constructed with minimum 12 gauge 304 7.4.7 stainless steel.
- Top of the body is to have a formed double crimped section for additional support. 74.8
- Sills shall be of a minimum of 10 gauge 304 stainless steel with longitudinal 7.4.9 flanges supported on rectangular formed cross sills.
- Approximately six (6) each side of 12 gauge 304 stainless steel full slope body side supports rigidly tying in the formed cross sills with the body sides to give the highest 7.4.10 degree of resistance to warping or twisting under heavy loads.
- The body shall be provided with four (4) 304 stainless steel 5/8 inch round lifting eyes. The inside eye opening shall be designed to allow the passage of an alloy eye 7.4.11 type Grade 80' 3/8 inch grab hook with a width dimension of 2 11/16 inch (with the top screen down in the rest position on top of the spreader); two (2) on each side of spreader mounted and secured in such a manner that the entire unit may be safely lifted for storage/installation purposes
- All necessary hardware shall be stainless steel. 7.4.12
- A 12 gauge 304 stainless steel cab shield to be mounted on front of body to protect cab from falling material when loading with slope design to fall in hopper as spreader 7.4.13 unloads. Cab shield shall extend 13 inches in front of the hopper at 45 degrees.
- A fold up ladder shall be mounted on rear of spreader body at right for easier access to top and secured in the folded position with two (2) flexible draw latches. 7.4.14 Ladder to be equipped with hand holds and non-slip grip strut steps.
- The conveyor shall be located in bottom of hopper capable of engaging material 7.5 Conveyor: along its full length and moving the material to the rear adjustable metering gate. 7.5.1
- Conveyor to be continuous ladder type consisting of two parallel chains with cross 7.5.2 bars on 4 1/2" centers made of 1/4" x 1-1/2" steel
- Each cross bar shall be formed and welded both top and bottom to chain links 7.5.3
- Tensile strength of each chain shall be 21,000 pounds minimum 7.5.4
- Overall width of chain conveyor 20 inches minimum 7.5.5
- Replaceable rubber wear strips to prevent contact of material being spread with 7.5.6 the chain must be provided.

- 7.5.7 A 10 gauge 304 stainless steel heavy-duty replaceable conveyor plate shall be fitted.
- 7.5.8 Chain driven by 6 tooth drop forged steel sprockets and 1 1/2 inch alloy steel front and rear.
- 7.5.9 Conveyor shall have adjustment provisions at rear of spreader for at least 3" lateral takeup.
- 7.5.10 Additional 7 gauge 304 stainless steel reinforcing plate to be welded to longitudinal webs covering area of drive shaft bearing and idler bearing adjustment (if required).
- 7.5.11 The material composition of the adjustment mechanism shall be stainless steel.
- 7.5.12 The conveyor drive motor shall be mounted on the reduction gear box and have a ratio of approximately 50-1.
- 7.5.13 Conveyor gear box must have its drive shaft extended through the rear of gear housing, and the shaft end machined to accommodate the application rate sensor shaft for the Dickey-John Automatic Control System, Model ICS-2000. The necessary oil seal included.
- A 7 gauge stainless steel adjustable discharge gate of the greasable screw jack type to be located at the body rear to properly adjust the flow of material to the spinner.
- 7.5.15 Feedgate opening 12" high x 18" wide,
- 7.5.16 Any and all exposed moving or rotating mass shall be adequately shielded in order to protect personnel while performing required operational adjustments including gear box extended input shaft when rate sensor is installed.
- 7.5.17 The pintle conveyor chain shall be heat treated formed links with locked, non-turning pins.
- 7.6 Distributor Spinner Assembly:
- 7.6.1 The distributor disc shall be of urethane material approximately 20" in diameter and equipped with six (6) fins (approximately) designed to obtain a controlled spread of four feet (4") to forty feet (40").
- 7.6.2 Material shall be guided from conveyor end to distributor disc by means of an externally adjustable material flow baffles, enclosed within the chute.
- 7.6.3 Spinner shall be vertically adjustable approximately 16 inches and provide approximately a 20 inch to 38 inch spinner position below the mounting surface.

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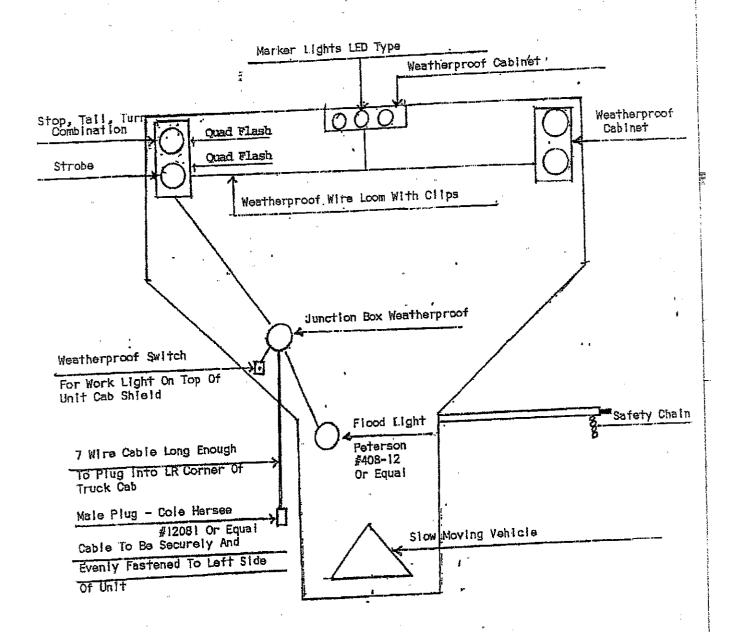
7.6.4 A deflector baffle or diverter chute shall be provided in the enclosed distributor spinner hopper assembly so it can be positioned in such a manner that material can be unloaded from spreader without striking spinner.

#### 7.7 Baffles:

- 7.7.1 Baffles shall be provided to control direction and width of spread. To have four (4) sections over right, left, rear, and front of spinners.
- 7.7.2 Baffle sections must be easily adjusted in desired position, from full down to horizontal, without use of tools.
- 7.8 Power Drive:
- 7.8.1 The power drive shall be hydraulic having two (2) hydraulic motors -one (1) powering the spinner and one (1) the conveyor.
- 7.8.2 The spinner hydraulic motor to be mounted below the spinner hopper assembly.
- 7.8.3 The conveyor hydraulic motor to be of the orbital, low speed, hi-torque type integrally mounted to conveyor gear box.
- 7.9 Screen Over Hopper:
- 7.9.1 A minimum of four (4) sectional screens to be hinged to 10 gauge 304 stainless steel 4 inch x 6 inch formed box beam running longitudinally the full length of spreader hopper.
- 7.9.2 Screen sections to have 3/8" diameter carbon steel rods welded forming 2-1/2" x 2-1/2" square openings with reinforcing bars at the center of each section.
- 7.9.3 Screens should not increase the overall height of spreader more than 7" down center.
- 7.9.4 Screens to be powder coated black
- 7.10 Lighting to be in accordance with the attached sketch.
- 7.10.1 Combination and marker lights to be LED type
- 7.10.2 Stop, tail, turn combination lights and marker lights shall be shielded.
- 7.10.3 Strobe light shall be "quad flash"

- 7.11 Hydraulic Components: The following hydraulics shall be supplied with each spreader (hose lengths to be determined by spreader vendor) to provide for proper installation on DOH dump trucks.
- 7.11.1 All necessary fittings for complete hookup of spreader hydraulics to DOH dump trucks central hydraulic system shall be provided.
- 7.11.2 All fittings shall be the steel type designed for hydraulic use: galvanized iron pipe or fittings not acceptable.
- 7.11.3 The truck central hydraulic system, supplied and installed by another vendor, will be complete to and including the rear manifold, located at the rear cross-member of truck. The rear manifold will have attached to it one (1) 3/4 inch I.D. pressure line with 3/4 inch quick disconnect, one (1) 1/2 inch I.D. pressure line with 1/2 inch quick disconnect, one (1) 1 inch I.D. return line with 1-1/4 inch quick disconnect. The quick disconnects will be "VH" series snap-tite. The spreader vendor shall supply proper mating quick disconnects, metal caps, and plugs for connection to truck manifold.
- 7.12 An anodized 6061T6 aluminum grease manifold block shall be mounted at the rear of the body incorporating the front bearing grease extension tubes, rear bearing grease fittings, and feedgate screw jack lubrication tube to allow for lubrication of the front bearings and feedgate screw jack from a single convenient location. Other fittings shall be placed at convenient location for normal maintenance.
- 7.12.1 The anodized 6061T6 aluminum grease manifold block shall have a minimum of six (6) ports tapped to accept three (3) 1/8 inch straight grease zerks and three (3) 1/8 inch grease Parflex hoses to provide for adequate one location greasing of the front and rear bearings and feed gate screw jack. Any unused ports are to be properly plugged.
- All hoses incorporated into the grease manifold block system shall be Parflex hose manufactured by Parker Hannifan Corporation or equal, and shall have an inside diameter of 1/8 inch, a maximum outside diameter of 0.34 inch, a maximum working pressure of 2500 psi and a minimum burst pressure of 10,000 psi. The hoses used shall be held in place by a sufficient number of rubber cushioned hose clamps.
- 7.13 One (i) piece of angle iron 3/8" x 4" x 90" and two (2) pieces of 1" round shafting ten inches (10") long shall be included to construct a safety keeper bar. State forces will add this item when the hopper is mounted, vendor shall supply material.
- 7.14 Unit shall include all other features considered as standard equipment but not specifically addressed above.

- 7.15 Paint: All parts and accessories that are not required to be stainless or rustproof to be painted manufacturers standard color.
- 7.16 Vendor must certify that spreader offered will comply with "Occupational Safety and Health Act of 1970" and subsequent amendments.
- 7.17 Advertisement: Vendors are permitted to attach a permanent metal plate 4" x 6" maximum size to the unit for identification. All other types of advertising, decals, labels, etc. will interfere with West Virginia Division of Highway's standards and are not permitted.



#### WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS EQUIPMENT DIVISION

NOTE: Vendor should type

Bidder's Evaluation

Report.

BIDDER'S EVALUATION REPORT

#### PROCUREMENT SPECIFICATIONS FOR OPEN END CONTRACT NO 012-1-Z

#### OPEN END CONTRACT FIVE CUBIC YARD STAINLESS STEEL DEMOUNTABLE ABRASIVE AND CHEMICAL SPREADER (HYDRAULIC)

NOTE TO BIDDER: Procurement Specification No. 012-1-Z, 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 exception sheets, 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.: 708 EC005	
	Bidder's Name: Swenson Spreader LLC	
	Address: 127 Walnut St	
	Telephone Number: 888-825-7323	
	Years Bidder has been registered to do business with the State of West Virginia: 1	YRS.
	Years Company has been an authorized dealer for proposed unit:	YRS.
X3.2	Have you complied with all mandatory specifications? X YES NO	
X4.2 <b>X4.2.1</b>	DELIVERY: Delivery date of completed representative unit:  45  Calendar Days After Purchase Agreement	Date of
X422	Delivery date of balance of completed units: 135 Calendar Days After Date of Purchase A	

X5 0	AWARD CRITERIA;	. 10	10999.00	per unit
X5.1	Prices for units in quantities of	1-10 11-20 21-30 31-40 41-50 51 and over	10999.00 10999.00 10999.00 10999.00	per unit per unit per unit per unit per unit
X6.0 <b>X6.1</b>	Swenson Spreader, EV, 100, Ma Is descriptive literature, fully describing prop	osed unit attached t	posed unit:  upon receipt to your bid?X	of P.O. YESNO
	If not, why?		- COLUMN TO THE TOTAL THE TOTAL TO AL TO THE	
<b>X</b> 6.	Equipment Division at Bucknamon upon		_ <u>X</u>	. 1100
	Will the required Equipment Preventive	Maintenance Form he pilot unit?	n (Section X6.2 of	f Bidders Evaluation YESNO

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## 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 WYDOH.

	TATIVE PRIOR TO DELIVER TO			aandar
DESCRIPTI	ON: EV100 V-box salt	spreader		Swenson Spreader
	EV100	VEAR:	PURCH	ASE AMOUNI:
MC	N/A	MODEL:1	1/a	FUEL TYPE: N/A
ENGINE:	HORSEPOWER: N/A	CYLINDER:	N/A ENGIN	E SERIAL: N/a
	COOLING SYSTEM CAPACITY	N/a	المشاور والمناور والمالية المعروب و	
			PART NUMBE	RS:
BELIS:	DESCRIPTION:		N / N	
	N/A			
	/aAXLE CAI	ACITY FRONT:	N/A	REAR: N/A
GVW: n	/a AXLBOAR	Molling		
TIRES:	FRONT MAKE & SIZE: N/A			
	THE STATE & STEEL N/A			Tip i oh t
	- material (		WIDTH:	LENGIH:
DIMENSI	ONS OF UNIT: DENGIN			PHONE: 888-825-7323
VENDOR	CONTACT PERSON: Ryan K	ing	<del></del>	PHONE: 888-825-7323
LVICIO.	N/A	MODEL:	N/A	CCA:N/A WIDTH N/A HEIGHT N/A
BATTER	Y MAKE: N/A	DIMENSIC	NS: LENGTH N/a	WIDTH N/A HEIGHT N/A
TOPORE	LUGS OR FUEL INJECTORS MA	KE: <u>N/A</u>	PAKI# N/A	AUTO/MANUAL: N/A
FIREL PU	MP OR INJECTION PUMP MAKE	:_ <u>N/A</u>	PART#: N / Z	
ALTERN	ATOR MAKE:N/A	والمرابع والمرابع والمرابع والمرابع والمرابع والمرابع	PART#: N/E	3
STARTE	R MAKE: N/A		PART#: N/F	A CONTRACT NAME OF THE PARTY OF
TURBO (	CHARGER MAKE:N/A	MODEL: N/A		AUTO/MANUAL: IV/A
TRANS.	MAKE: N/A JLIC PUMP MAKE: N/A		MODEL: _N_	/A
1112000			JBRICANT	
FILTERS	MAKE PART NO	***	NGINE	N/A
OIL	N/A		O ANTENTESTON	N/A
AIR INN	ERN/A		OWER STEERING	NI / A
1 TE (071	TCD KI/A		YDRAULIC	N/A
FUEL PI	NIMARY N/A	D	IFFERENTIALS	N/A N/A
FUEL SI	ECONDARY N/A	В	RAKE FLUID	N/A
COOLA HYDRA		<b>.</b>	OOLANT	·N/A
OTHER	31 / 3		Inex	<u> </u>

X6.3	TRAINING:
	Will training seminar be conducted on Preventive Maintenance, Operator and Mechanic Training XYESNO
	Will you conduct training with each purchase order against this open end contract? YESNO
	Will training be conducted within 2 working days from the delivery of the pilot unit on the individual purchase order?  NO
	If NO, explain time frame
	Will an Operator's Manual be furnished directly to Letha Lamb, Training Academy prior to the delivery of the pilot?  NO
X6.4	If you are the successful vendor, will you furnish all training aids, i.e., videos, projectors, required in conducting the training?  X YESNO
X6.4.	Will all manuals, booklets, etc. explaining preventive maintenance, operator procedures, and service schedule be delivered with each unit?  If NO, explain
X6.5	WARRANTY AND SERVICE POLICY
-2000	Will the warranty and service you provide comply with all areas as stated in Section 6.5 of specifications
	Is warranty literature attached?
	Is a minimum two (2) year bumper to bumper basic parts and labor warranty included?  XYESNO
	Describe: Two year bumper to bumper basic parts and labor warranty

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

1. De	fine the terms of the sta wo year bumper	andard warranty. If not offered, so state. (Attach copy) to bumper parts and labor warranty					
manu	facturer's representativ	o be performed at DOH facilities and warranty service to be performed at ve facility. List name and location of manufacturer's representative.  rvice to be performed at DOH facility					
3. Lis know		ventories that are within the State of West Virginia. Also, list availability levels, if Specialty-State Street Follansbee, WV 26037					
4. Du bidde	ring the term of warrar or will sell the parts to c	nty, list the guarantee discount to manufacturer's published list price for parts that owner.					
A. B. C.	Terms: Net 30 Terms: Net 60 Terms: Net 90	Terms: Net 60 Manufacturer's published list price less: 0 % discount					
	ring the term of warrar ways?	nty, will all manufacturers or engineering improvements be submitted to Division of YES NO					
6. Du	ring the term of warrar	nty, list the guaranteed rates charged for repair to the unit.					
A.	Shop Rate	\$_60.00 per mechanic hour					
В.	Travel Time Charge (Specify if one-way)						
C.	Mileage Charge (Specify if one-way	\$ .485 per vehicle mile One way; port to port .485					
D.	Field Mechanic Rate	\$ 60.00 per mechanic hour					
E.	Specify period of tin	ne that prices are in effect: Life of warranty					
F.	Surcharge for miscel	llaneous items: 0 %					

***	EVALUATION COMMITTEE REQUIREMENTS	26
X6.6	Is all component specifications, product literature, component models provided for Evaluation	
X6.7	Committee bid determination?  Will all parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, be furnished with the unit and conform in strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry?  X YES NO	:
	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 to be furnished?  NO	
X6.7.2	2 Are all standard safety features that are required by Federal and State statutes of law included X YESNO	1?
X7.0	SPECIFICATIONS OF THE QUOTED UNIT  The bidder should complete the following schedule in order for the Division to compare the actual to the specifications. Should the bidder except a requirement, then such exception may be only 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.	id on
	Manufacturer: Swenson Spreader LLC Model: EV100	
X7.1	Is spreaders offered the commercial heavy duty, self contained, hopper type? X YES	10
X7.2	Does spreader consist of a 12 gauge 304 stainless steel body, feeder conveyor, spinner disc, podrive, and all components necessary to make a complete operating unit? X YESN	
X7.3	the semiformly surgading sand, cinders, salt, calcium chloride, or other mixt	1res
X7.4	Body:	_
X7.4	.1 Is the body of 304 stainless steel construction 100% welded inside and outside of the bodyNO	?
X7,4	1.2 Capacity struck: 9 cubic yards	
X7.4 X7.4	foot as measured from front of spreader hopper to the re	ar
	Inside length: 13 feet as measured from front of spreader hopper to the re hopper gate and conveyor chain exit point	ear

X7.4.6	Are the body sides sloped approximately 45 degree pitch to insure free flow of materials to five conveyorNO
X7.4.7	Gauge of 304 stainless steel in sides and endgates is 12 Gauge.
X7.4.8	Is a formed double crimped section on top of body for additional support? X YES NO
X7.4.9	Sills constructed of 10 gauge 304 stainless steel.
	Supported on rectangular formed cross sills X YES NO
X7,4.10	Number of 10 gauge full slope body side supports tying the cross sills with body sides?
X7.4.11	Are there four (4) 304 stainless steel 5/8 inch round lifting eyes X YES NO
	Is the inside eye opening designed to allow the passage of an alloy eye type Grade 80' 3/8 inch grab hook with a width dimension of 2 11/16 inch (with the top screen down in the rest position on top of the spreader)
	Two (2) on each side of spreader mounted and secured in a manner that the entire unit may be safely lifted for storage/installation purposes  XYESNO
X7.4.12	Is all necessary hardware stainless steel XYESNO
X7.4.13	Will a 12 gauge 304 stainless steel cabshield be mounted on the front of body to protect cab from falling material when loading with slope design to fall in hopper as spreader unloads?  X YESNO
	Does cab shield extend 13 inches in front of the hopper at 45 degrees X YES NO
X7.4.14	Will a fold up ladder be mounted on the rear of spreader body at right side for easier access to top and secured in the folded position with two (2) flexible draw latches  X YES NO
	Does the ladder have hand holds and non slip grip strut steps X YES NO
X7.5 C	Conveyor:
X7.5.1	Is the conveyor located in bottom of hopper and capable of engaging material along its full length and moving material to rear adjustable metering gate?  XYES NO
X7.5.2	Is conveyor continuous ladder type consisting of two parallel chains with cross bars on 4 2" centers made of 1/4" x 1-1/2" steel?  X YESNO
X7.5.3	Is each cross bar formed and welded both top and bottom to chain links X YES NO
X7.5.4	Tensile strength of each chain: 21,000 pounds
X7.5.5	Overall width of chain conveyor: 22 inches

X7.5.6	the cham:			
X7.5.7	11tteu 1			
X7.5.8	Is the chain drive through 1-1/2" sprockets and shafting front and rear?			
X7.5.9	Does conveyor have adjustment provisions at rear of spreader for a	it least 3	" lateral ta ESN	ikeup? O
X7.5.10	Is additional 7 gauge 304 stainless steel reinforcing plate welded to lon area of the drive shaft, bearing, and idler bearing provided (if required)		<u> </u>	
X7.5.11	Is material composition of adjustment mechanism stainless steel		X YES	NO
X7.5.12	Is conveyor drive motor mounted on reduction gear box and has a	ratio of a -	pproxima X YES	tely 50-1 NO
X7.5.13	Does conveyor gear box have its drive shaft extended through rear	of gear l	iousing? ESN	Ю
X7.5.13.1	Is the shaft end machined to accommodate the application rate Dickey-John Automatic Control System, Model ICS-2000?	sensor s	haft for th	e TO
X7.5.13.2	Is the necessary oil seal included?	<u> </u>	ESN	Ю
X7.5.14	Is a 7 gauge stainless steel adjustable greasable screw jack type discharger to adjust the flow of material to the spinner?	rge gate :	located at t	he body O
X7.5.15	Feedgate opening: 12 inches high x 18 inches wide			
X7.5.16	Is any and all exposed moving or rotating mass adequately shielde personnel while performing required operational adjustments inclingut shaft when rate sensor is installed?	imeme e.	er to prote ear box ext YES	<b></b>
X7.5.17	Is the pintle conveyor chain heat treated form links with locked, n	on-turni X	ing pins YES	NO
X7.6 D	istributor Spinner Assembly:			
X7.6.1	Diameter of urethane distributor disc20inches			
X7.6.1.1	Number of fins: 6 =			•
X7.6.1.2	Are fins designed to obtain a controlled spread of materials fro (40')?		120	,,,,
X7.6.2	Is material guided from conveyor end to distributor disc by mean material flow baffles, enclosed within the chute?	s of an e	xternally a	djustable NO

X7.6.3	and 44 inch spinner position below mounting surface?		NC	
X7.6.4	Is a deflector baffle or diverter chute provided in an enclosed distribusesembly so it can be positioned in such a manner that material can spreader without striking spinner?			pper m
X7.7 Ba X7.7.1	ffles: Are baffles provided to control direction and width of spread?			NO
X7.7.1.2	Are there four (4) sections over right, left, rear and front of spin	ners?	X_YES	NO
X7.7.2	Are sections easily adjusted from the full down to the horizontal pos-	sition wi	ithout us ES	e of tools? NO
X7.8. Po X7.8.1	Is the power drive nyuraunc type.		ES	
X7.8.1.2	powering the conveyor:			_
X7.8.2	Spinner hydraulic motor mounted below the spinner hopper assembly?	<u>x</u> Y	ES	_NO
X7.8.3	as at less speed historous integ	tally mo	ounted to ES	conveyor
X7.9 Scr	een Over Hopper:			
X7.9.1	Are four (4) sectional screens hinged to 10 gauge 304 stainless steel beam running longitudinally the full length of spreader hopper?	4 inch 2	k 6 inch f ES	ormed box _NO
	If not specify:			
X7.92	Do screen sections have 3/8" diameter carbon steel rods welded formir openings with reinforcing bars at the center of each section?	ng 2-1/2' XY	' x 2-1/2 'ES	" square _NO
	If not specify:			
X7.9.3	Do screens increase overall height of spreader more than 7 inches dow	n the ce	nter? /ES_ <u>X_</u>	_NO
X7.9.4	Are screens powder coated black		YES	
X7.10 I	s lighting in accordance with the attached sketch?		YES	
X7.10.1	Is the combination and marker lights LED type		YES	
X7,10.2	was lights and marker lights shielded	<u>X</u>	YES	NO
X7.10.3	The Notice of Floring	X	YES	NO

X7.11 Hy	draulic Components:
X7.11.1	Are all necessary fittings for complete hookup of spreader hydraulics to DOH dump trucks central hydraulic system provided?
X7.11.2	Are all fittings of the steel type and designed for hydraulic use? X YES NO
X7.11.3	Is the truck central hydraulic system complete to and including the rear manifold, located at the rear cross member of truck
	Will the rear manifold have attached to it one (1) 3/4" I.D. pressure line with 3/4" quick disconnect, one (1) 2" I.D. pressure line with 2 inch quick disconnect, one (1) 1" I.D. return line with 1 1/4" quick disconnect and disconnects will be "VH" series snap-tite. X YES NO
	Will you supply proper mating quick disconnects, metal caps, and plugs for connection to YESNO
i) S	s an anodized 6061T6 aluminum grease manifold block mounted at the rear of the body which accorporates the front bearing grease extension tubes, rear bearing grease fittings and feedgate crew jack lubrication tube to allow for lubrication of the front bearings and feedgate screw jack rom a single convenient location?
7	Will other fiftings be placed at convenient location for normal maintenance X YES NO
X7.12.1	2 4 COCITE olyminum grease manifold block have a minimum of 6 ports tapped
	Are unused ports properly plugged NO
X7.12.2	1/8 inch I.D., 0.34 inch maximum 0.5., a Maximum burst pressure of 10,000 PSI?
	Are hose assemblies held in place by a sufficient number of rubber cushioned hose clamps?  X YES NO
X7.13 (10")	Is one (1) piece of angle iron 3/8" x 4" X 90" and two (2) pieces of 1" round shafting ten inches long provided but not installed for each unit? NO

	31
X7.14 C	Other standard features:  List other standard features offered but not specifically addressed above:  Drop N Loc top screens require no tools to install
	or remove
·	
•	
X7.15	Describe method of painting parts and accessories that are not required to be stainless or rustproof:
	Top screens will be powdercoated
	All other paint products are environmentally friendly
X7.16	Does unit offered meet or exceed "Occupational Safety and Health Act of 1970"?  X_YESNO
X7.17	Does unit conform to the advertising guidelines? X YESNO

## AGREEMENT ADDENDUM

መህ ሳና Rev. 5/94

in the event of conflict between this addendum and the agreement, this addendum shall control:

- ARBITRATION Any references to arbitration contained in the agreement are hereby deleted Disputes arising out of the agreement shall be presented to the West Virginia Court of Claims
- 2 HOLD HARMLESS Any clause requiring the Agency to indemnify or hold harmless any party is hereby deleted in its entirety
- GOVERNING LAW The agreement shall be governed by the laws of the State of West Virginia. This provision replaces my references to any other State's
- TAXES Provisions in the agreement requiring the Agency to pay taxes are deleted. As a State entity, the Agency is exempt from Federal, State, and local taxes and will not pay taxes for any Vendor including individuals, nor will the Agency file any tax returns or reports on behalf of Vendor or any other party
- 5. PAYMENT Any references to prepayment are deleted Payment will be in arrears
- INTEREST Should the agreement include a provision for interest on late payments, the Agency agrees to pay the maximum legal rate under West Virginia law All other references to interest or lute charges are deleted
- RECOUPMENT Any language in the agreement waiving the Agency's right to set-off, counterclaim, recoupment, or other defense is hereby deleted.
- 8. FISCAL YEAR FUNDING Service performed under the agreement may be continued in succeeding fiscal years for the term of the agreement, contingent upon funds being appropriated by the Legislature or otherwise being available for this service. In the event funds are not appropriated or otherwise available for this service, the agreement shall terminate without penalty on June 30. After that date, the agreement becomes of no effect and is null and void. However, the Agency agrees to use its best efforts to have the amounts contemplated under the agreement included in its budget Non-appropriation or non-funding shall not be considered an event of default.
- STATUTE OF LIMITATION Any clauses limiting the time in which the Agency may bring sult against the Vendor, lessor, individual, or any other party are
- 10. SIMILAR SERVICES Any provisions limiting the Agency's right to obtain similar services or equipment in the event of default or non-funding during the term of the agreement are hereby deleted.
- 11. ATTORNEY FEES. The Agency recognizes an obligation to pay attorney's fees or costs only when assessed by a court of competent jurisdiction. Any other provision is invalid and considered null and void.
- 12. ASSIGNMENT Norwithstanding any clause to the contrary, the Agency reserves the right to assign the agreement to another State of West Virginia agency, board or commission upon thirty (30) days written notice to the Vendor and Vendor shall obtain the written consent of Agency prior to assigning the agreement
- 13 LIMITATION OF LIABILITY The Agency, as a State entity, cannot agree to assume the potential liability of a Vendor. Accordingly, any provision limiting the Vendor's liability for direct damages or limiting the Vendor's liability under a warranty to a certain dollar amount or to the amount of the agreement is hereby deleted. In addition, any lumination is null and void to the extent that it precludes any action for injury to persons or for damages to personal property
- 14 PIGHT TO TERMINATE Agency shall have the right to terminate the agreement upon thirty (30) days written notice to Vendor.
- 15 TERMINATION CHARGES Any provision requiring the Agency to pay a fixed amount or liquidated damages upon termination of the agreement is hereby deleted. The Agency may only agree to reimburse a Vendor for actual costs incurred or losses sustained during the current fiscal year due to wrongful termination by the Agency prior to the end of any current agreement term
- 16. RENEWAL Any reference to automatic renewal is hereby deleted. The agreement may be renewed only upon mutual written agreement of the parties.
- 17 INSURANCE Any provision requiring the Agency to insure equipment or property of any kind and name the Vendor as beneficiary or as an additional insured
- 18. RICHT TO NOTICE Any provision for repossession of equipment without notice is hereby deleted. However, the Agency does recognize a right of repossession sion with notice.
- 19. ACCELERATION Any reference to acceleration of payments in the event of default or non-funding is hereby deleted.
- 20. AMENDMENTS All amendments, modifications, alterations or changes to the agreement shall be in writing and signed by both parties. No amendment, modification, alteration or change may be made to this addendum without the express written approval of the Purchasing Division and the Attorney General.

Worth Harrian and the same and	
ACCEPTED BY: STATE OF WEST VIRGINIA	VENDOR Company Name: Swenson Spreader LLC
Spending Unit:	
Signed:	Signed:  Title: Government Sales Cdntr.
Title:	Date: 11/9/07
Date:	Date: 11/9/0.

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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 owed is an amount greater than one thousand dollars in the aggregate

"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

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

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

LICENSING: 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, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, 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.

CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the Individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/ purchase/privacy for the Notice of Agency Confidentiality Policies.

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

acknowledges the information in this said amount 2	
Vendor's Name: Swenson Spreader Ltc.	Date: 11-09-07
Authorized Signature:	
Purchasing Affidavit (Revised 06/15/07)	



State of West Virginia
Department of Administration

Hequest for Quotation Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

## Request for RECINIMBER

PA	(2000)
	1_

ADDRESS CORRESPONDENCE TO AMENION OF MICHAEL AUSTIN 304-558-2402

RFQ COPY TYPE NAME/ADDRESS HERE Swenson Spreader LLC 127 Walnut St. Lindenwood, IL 61049

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

DATEPRIN	2007	TEA					RID	OPENING	TIME	01:	30PM	
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HGNATURE	VALES CONTRE	<del>/ /</del>	TFEIN	<u> </u>					ADDRESS	CHANGES	TO BE NO	TED ABOVE

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

- Awards will be made in the best interest of the State of West Virginia. 1
- The State may accept or reject in part, or in whole, any bid 2
- All quotations are governed by the West Virginia Code and the Legislative Rules of the Purchasing Division.
- Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have 3. paid the required \$125.00 registration fee 4.
- All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Lagislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this 5. Purchase Order/Contract becomes void and of no effect after June 30
- 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
- The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller. 9.
- The laws of the State of West Virginia and the Legislative Rules of the Purchasing Division shall govern all rights 10. and duties under the Contract, including without limitation the validity of this Purchase Order/Contract. 11.
- Any reference to automatic renewal is hereby deleted 
  The Contract may be renewed only upon mutual written 12. agreement of the parties.
- BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order. 13.
- HIPAA Business Associate Addendum The West Viginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (http://www.state.wv.us/admin/purchase/vro/hipaa.htm) is hereby made part of the agreement. Provided that, the 14. Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160,103) to the vendor.

#### INSTRUCTIONS TO BIDDERS

- Use the quotation forms provided by the Purchasing Division. 1.
- SPECIFICATIONS: Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bld. The 2. Purchasing Division may waive minor deviations to specifications
- Complete all sections of the quotation form. 3.
- Unit prices shall prevail in cases of discrepancy. 4.
- All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- BID SUBMISSION: All quotations must be delivered by the bidder to the office listed below prior to the date and time 5. of the bid opening. Fallure of the bidder to deliver the quotations on time will result in bid disqualifications 6.

#### SIGNED BID TO:

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

# ADDENDUM #1

### 708EC005

# OPEN END CONTRACT

# 9 CUBIC YARD STAINLESS STEEL (HYDRAULIC) SPREADER

# CHANGES TO SPECIFICATIONS:

ADD:

7.4.13.1

A 300 series stainless steel grab handle must be mounted to the drivers side spill shield side plate at a convenient location to assist operator when climbing atop spreader to remove "chunks or debris".

FROM:

7.4.14 A fold up ladder shall be mounted on rear of spreader body at right for easier access to top and secured in the folded position with two (2) flexible draw latches. Ladder to be equipped with hand holds and non-slip grip strut steps

TO:

7.4.14 A fold up stainless steel ladder shall be mounted on rear of spreader body at right for easier access to top. Ladder to be equipped with hand holds, non-slip strut steps, and manufacturers locking mechanism to lock ladder in up position when not in use.

ADD:

7.4.14.1

A 300 series stainless steel grip strut step plate shall be mounted on rear of spreader "spinner" housing frame, above rear baffle, full width of spinner housing

7.4.15 A work light to be mounted on cab shield for night shift visibility of spreader grating with weatherproof wiring.

FROM:

7.5.4 Tensile strength of each chain shall be 21,000 pounds minimum

TO:

7.5.4 Tensile strength of each chain strand shall be 21,000 pounds minimum.

FROM:

7.5.13 Conveyor box must have its drive shaft extended through the rear of gear housing, and the shaft end machined to accommodate the application rate sensor shaft for the Dickey-John Automatic Control System, Model ICS-2000. The necessary oil seal included

TO:

7.5.13 Conveyor gear box motor shall have an integral speed sensor

FROM:

7.6.3 Spinner shall be vertically adjustable approximately 16" and provide approximately a 20" to 38" spinner position below the mounting surface.

TO:

Spinner shall be vertically adjustable approximately 18 inches and provide 7.6.3 approximately a 20 inch to 38 inch spinner position below the mounting surface.

FROM:

7.7.1 Baffles shall be provided to control direction and width of spread. To have four (4) sections over right, left, rear, and front of spinners.

TO:

Baffles shall be provided to control direction and width of spread. To have four (4) 7.7.1sections over right, left, rear, and front of spinners. Front spinner baffle shield (truck side) can be stationary.

FROM:

Lighting to be in accordance with the attached sketch. 7.10

TO:

Lighting to be in accordance with the attached sketch and wiring schematic 7.10

### FROM:

7.11.3 The truck central hydraulic system, supplied and installed by another vendor, will be complete to and including the rear manifold, located at the rear cross-member of truck. The rear manifold will have attached to it one (1) 3/4" I.D. pressure line with 3/4" quick disconnect, one (1) 1/2" LD pressure line with 1/2" quick disconnect, one (1) 1" LD return line with 1-1/4" quick disconnect. The quick disconnects will be "VH" series snap-tite. The spreader vendor shall supply proper mating quick disconnects, metal caps, and plugs for connection to truck manifold.

7.11.3 The truck central hydraulic system, supplied and installed by another vendor, will be complete to and including the rear manifold, located at the rear cross-member of truck. The rear manifold will have attached to it one (1) 3/4" I.D. pressure line with 3/4" quick disconnect, one (1) 1/2" I.D. pressure line with 1/2" quick disconnect, one (1) 1" I.D. return line with 1-1/4" quick disconnect. The quick disconnects will be "VH" series snap-tite. The spreader vendor shall supply male quick disconnects, metal caps, and plugs for connection to truck manifold.

# FROM:

An anodized 6061T6 aluminum grease manifold block shall be mounted at the rear of the body incorporating the front bearing grease extension tubes, rear bearing grease fittings, and feedgate screw jack lubrication tube to allow for lubrication of the front bearings and feedgate screw jack from a single convenient location. Other fittings shall be placed at convenient location for normal maintenance.

#### TO:

An anodized 6061T6 aluminum or 304 stainless steel grease manifold block shall be mounted at the rear of the body incorporating the front bearing grease extension tubes, rear bearing grease fittings, and feedgate screw jack lubrication tube to allow for lubrication of the front bearings and feedgate screw jack from a single convenient location. Other fittings shall be placed at convenient location for normal maintenance.

FROM:

7.12.1 The anodized 6061T6 aluminum grease manifold block shall have a minimum of six (6) ports tapped to accept three (3) 1/8 inch straight grease zerks and three (3) 1/8 inch grease Parflex hoses to provide for adequate one location greasing of the front and rear bearings and feed gate screw jack. Any unused ports are to be properly plugged.

TO: 7.12.1 The anodized 6061T6 aluminum or 304 stainless steel grease manifold block shall have a minimum of six (6) ports tapped to accept three (3) 1/8 inch straight grease zerks and three (3) 1/8 inch grease Parflex hoses to provide for adequate one location greasing of the front and rear bearings and feed gate screw jack. Any unused ports are to be properly plugged.

# Wiring Code 7 way Trailer End

Willing Code 7 Troy					
#	Color	Gage	Circuit Function	connector interior	
1	white	10	common ground		
2	blue	12	· STROBEL	The state of the s	
3	green	14	tail/running lights		
4	black	10	battery charge (+)		
5	red	14	left turn/stop		
6	brown	14	right turn/stop	Marie 2 But	
7	yellow	14	auxiliary/Work LighT5		

10/23/2007

# ADDENDUM #1

### 708EC005

# OPEN END CONTRACT

# 9 CUBIC YARD STAINLESS STEEL (HYDRAULIC) SPREADER

# CHANGES TO BIDDER'S EVALUATION REPORT: Is a 300 series stainless steel grab handle mounted to the drivers side spill ADD: shield side plate at a convenient location to assist operator when climbing X7.4.13.1 atop spreader to remove "chunks or debris" X YES \_\_\_\_NO Will a fold up ladder be mounted on the rear of spreader body at right side for FROM: easier access to top and secured in the folded position with two (2) flexible draw X7.4.14 Latches \_\_\_YES\_\_\_NO Does the ladder have hand holds and non slip grip strut steps YES NO Is a fold up stainless steel ladder mounted on rear of spreader body at right TO: X YES \_\_\_NO X7.4.14 for easier access to top. Is the ladder equipped with hand holds, non-slip strut steps, and manufacturers locking mechanism to lock ladder in up position when not in use. X YES NO Is a 300 series stainless steel grip strut step plate mounted on rear of ADD: spreader "spinner" housing frame, above rear baffle, full width of spinner X7.4.14.1 \_\_X\_YES\_\_\_NO housing Is a work light mounted on cab shield for night shift visibility of spreader grating ADD: \_\_X\_YES \_\_\_\_NO X7.4.15 with weatherproof wiring

ddendum 08EC005	
ROM: (7.5.4 Te	nsile strength of each chain: pounds
[Ο: ζ7.5.4 Te	nsile strength of each chain strand: 21,000 pounds
FROM: K7.5.7	Is a 10 gauge 304 stainless steel heavy duty replaceable conveyor plate at least 3/16" thick fitted? YESNO
ΓΟ: <u>X</u> 7.5.7	Is a 10 gauge 304 stainless steel heavy duty replaceable conveyor plate fitted?  X YESNO
FROM: X7.5.13	Does conveyor gear box have its drive shaft extended through rear of gear housing? YESNO  Is the shaft end machined to accommodate the application rate sensor shaft for the Dickey-John Automatic Control System, Model ICS-2000?YESNO  Is the necessary oil seal included?YESNO
TO: X7.5.13	Does the conveyor gear box motor have an integral speed sensor
FROM: X7.6.3	Is the spinner vertically adjustable to a full 16 inches?YESNO Andinch spinner position below mounting surface?
ГО: X7.6.3	Spinner is vertically adjustable $\frac{16}{}$ inches and provides a $\frac{44}{}$ inches spinner position below the mounting surface.

FROM: X7.7.1 X7.7.1.2	Are baffles provided to control direction and width of spread?YESNO Are there four (4) sections over right, left, rear and front of spinners?YESNO
TO: X7.7.1	Are baffles provided to control direction and width of spread X YES NO
X771.2	Are there four (4) sections over right, left, rear and front of spinners
	Is front spinner baffle shield (truck side) stationary X YES NO
FROM: X7.10	Is lighting in accordance with the attached sketch? YES NO
TO: X7 10	Is lighting in accordance with the attached sketch and wiring schematic?  XYESNO
FROM: X7.11.3	Will the hoses mate with the quick disconnects on the central hydraulic system of the truck?YESNO Will you furnish proper mating quick disconnects, metal caps, and plugs for connection to truck manifold?YESNO
TO: X7.11.3	Will the hoses mate with the quick disconnects on the central hydraulic system of the truck?  XYESNO
	Will you furnish the male quick disconnects, metal caps, and plugs for connection to truck manifold?  XYES NO

Addendum 708EC005	
FROM: X7.12	Is an anodized 6061T6 aluminum grease manifold block mounted at the rear of the body which incorporates the front bearing grease extension tubes, rear bearing grease fittings and feedgate screw jack lubrication tube?YESNO Will other fittings be placed at convenient location for normal maintenanceYESNO
TO: X7.12	Is an anodized 6061T6 aluminum _X_YESNO  (OR)  304 stainless steelYES _X_NO grease manifold block mounted at the rear of the body which incorporates the front bearing grease extension tubes, rear bearing grease fittings and feedgate screw jack lubrication tube to allow for lubrication of the front bearings and feedgate screw jack from a single convenient location?X_YESNO
	Other fittings are placed at convenient location for normal maintenance  X YES NO
FROM: X7.12.1	Do the anodized 6061T6 aluminum grease manifold block have a minimum of 6 ports tapped to accept three (3) 1/8 inch straight grease zerks and three (3) 1/8 inch grease Parflex hoses to provide adequate one location greasing of the front and rear bearings and feed gate screw jack? YESNO Are unused ports properly pluggedYESNO
TO: X7:12:1	The anodized 6061T6 aluminum X YES NO  (OR)  304 stainless steel grease manifold block YES X NO has ports tapped to accept three (3) 1/8 inch straight grease zerks and three (3) 1/8 inch grease Parflex hoses to provide for adequate one location greasing of the front and rear bearings and feed gate screw jack X YES NO
	Are any unused ports properly plugged X YES NO

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SIGN IN SHEET RFQ # 708EC005 Date: 10/24/07 Phone, Fax, & E-Mail: Mailing Address: Firm & Representative Name: P346-530( P.O. BOX 473 1 WTRACTOR F 346-5305 CHARLESTON W GARY GRADY 2532 E-mail currentore MSN - Com 2 Benson (0151 Now England P 483-7093 Bubber Smith Washington WI 2618/F 863-3629 E-mail RSmithphanson intl.com 917695331 3 SWENSON SPREADEL POBOX 127 CEORSE Bailey Lindenwood, F161049 F8#= 500 SALES & SWENSONS ALES & SWENSONS AL 101043151 4 Middletown Tractor 2032 Farmont Anc P 304-366-4690 M: Ke Share Farment WV 26554 F 304 -366-4698 E-mail Mike @ Middle tor track 5. Middletown Traver Sales 2032 Fairmont Ave P 304-366-4690

Please print or write legibly!

Zach March

Fairment, WW 26554 F 304-366-4698

E-mail Zach & Middletown Traiter CA

Your fax # is essential to contact you timely!

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		SIGN IN SHEET Q#	
	Firm & Representative Name:	Mailing Address: Phone	, Fax, & E-Mail:
j	1 MONTROP TLE		P800-880-0109
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		MONTONE, WI 53566 E-mail	OWRE TRUEL COM
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10900	3 Logan Corporation	Rt. 2 Box 924 Clarksburg, WV 2630)	P 304-641-2011
	Jae Dinaldo	Clarksburg WV 26301	F 304-623-5676
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	4 BONNELL HODUSTRUS	1385 FRWKLIN Grove RZ.	800-851-9664 P 815-284-3819
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127 WALNUT ST

SWENSON SPREADER LLC

LINDENWOOD IL 61049

WHEN RESPONDING

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

888-825-7323

Request for RECNUMBER

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ADDRESS CORRESPONDENCE TO A HENTION OF MICHAEL AUSTIN 304-558-2402

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

304-472-1750 26201

FREIGHT TERMS KOB SHIP VIA TERMS OF SALE DATE PRATED TI/14/2007 OPENING TIME <del>01:30PM</del> <del>:/20/200</del>7 BID OPENING DATE: AMOUNT CAT NO UNIT PRICE ITEM NUMBER QUANTITY LIOP LINE ADDENDUM NO. 2 CHANGES TO THE SPECIFICATIONS 6.5 - WARRANTY AND SERVICE POLICY DISREGARD LAST PARAGRAPH. X6.5 WARRANTY AND SERVICE POLICY QUESTIONNAIRE PAGE 25 MUST BE COMPLETED AND SUBMITTED WITH THE BID. BID OPENING DATE AND TIME CHANGED 11/13/07 AT 1:30 P.M. FROM: 11/2d/07 AT 1:30 P.M. TO: NO OTHER CHANGES 765-66 EΆ 0001 NINE CUBIC YARD STAINLESS STEEL (HYDRAULIC) SPREADER EXHIBIT 10 708EC005 REQUISITION NO.: ADDENDUM ACHNOWLEDGEMENT SEPREVERSE SIDE FOR TERMS AND CONDITIONS DATE 11/16/07 TELEPHONE 888-825-7323 SIGNATURE ADDRESS CHANGES TO BE NOTED ABOVE THE 20-[76319 Gov Sales

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

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ADDRESS CORRESPONDENCE TO ATTENTION OF MICHAEL AUSTIN 304-558-2402

888-825-7323 SWENSON SPREADER LLC 127 WALNUT ST LINDENWOOD IL 61049

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

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

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MICHAEL AUSTIN
304-558-2402

\*917095331 888-825-7323 SWENSON SPREADER LLC 127 WALNUT ST LINDENWOOD IL 61049

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

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# **Exceptions:**

201 stainless steel will be substituted for 304 stainless steel

General:	Comply	Exception
This specification shall describe a v-box material spreader capable of hauling and spreading free flowing granular materials from a width of four(4) to forty(40) feet		
This unit will consist of a hopper, discharge/feed conveyor, spinner disc, power drive, and all components necessary to make a complete operating unit.		
The successful vendor shall provide a complete proposal drawing accurately showing the exact model to be provided including all options, and units loaded and unloaded weights and centers of gravity. These drawings shall be provided within 48 hours of award		
All stainless steel used in the production of this unit shall be corrosion resistant, non magnetic stainless steel		
The manufacturing and production of this unit shall be of the best commercial practices and only materials of the finest quality are to be used		
Bidders must submit with their bid complete specifications on the unit they propose to furnish		
This unit shall be factory ready to accept or retrofit servo controls		
Any added options will be shipped loose for dealer installation.		
Body: This spreader shall be constructed of 12 ga stainless steel with a double crimped top edge forming a 2" section for greater rigidity.		
The hopper body length shall not be less than feet with two feet of longitudinal overhung for supporting the spinner assembly.		
The hopper shall not be more than 82" outside width with the overall height not greater than"		
The capacity of the hopper shall be cubic yards water level full.		
The body sides and ends shall be 12 ga stainless steel and have not less than forty five degree pitch to ensure free flow of material to the conveyor.		
The body longitudinals shall be manufactured of 10 gauge stainless steel and be slotted for easy gearbox/driveshaft removal		
The channel cross sills shall be 7 ga stainless steel that ties the lower edge of the longitudinals to each side support		

These cross supports shall be wide enough to allow the hopper box to be mounted on various width truck frames or slide into a dump box	Comply	Exception
A 4" $\times$ 6" formed stainless steel bolt in box beam will be elevated 3" above the top edge of the hopper, thus providing a longitudinal brace and hinge point for the top screens		
There shall be a 3" formed stainless channel welded under the H beam to each hopper side for additional side support		
The body and conveyor shall be electrically welded into a rugged solid unit		
A 10 ga stainless steel 12" x 18" stainless steel feedgate and ruler shall be provided at the rear of the hopper to allow for accurate discharge		
The screw type jack with stainless steel crank shall be provided and be self locking		
There shall be 12 ga stainless steel formed side supports that extend the full angle height spaced on 2' centers		
A heavy duty stainless steel lift hook shall be provided at each corner		
The rear endplate shall be reinforced inside and supported outside to give it maximum strength.		
All stainless steel joints shall be welded with stainless steel welding wire.		
All sub-assemblies shall be secured with stainless steel hardware.		
A mounting kit shall be provided to safely secure the hopper to the truck		
Conveyor: The conveyor system shall be of the barflight type running longitudinally with the body feeding material to the feedgate opening		
The overall conveyor width shall not be less than 24"		
To protect the chain link strands, the top edge of the longitudinals shall be formed down over the strands exposing only the drag chain bar to the material.		

	Comply	Exception
The conveyor floor shall be manufactured of 10 ga stainless steel, be of the flat design, replaceable with rollover edges.		
The conveyor floor shall be supported on 12 ga stainless steel cross angles spaced approximately 12" apart.		
The gearbox shall have hardened and ground bronze gears mounted on a 1 1/2" diameter drive shaft and supported on tapered roller bearings.		
These gears shall be machine cut and mounted in anti-friction sealed bearings and running in oil		
The gearbox ratio shall be 25:1.		
The drive sprockets shall be 6 tooth drop forged steel sprockets keyed to the 1 1/2" diameter drive shaft.		
The idler sprockets shall be 6 tooth drop forged steel, one sprocket welded and one sprocket floating on 1 1/4" diameter idler shaft.		
Both the conveyor shafts shall have heavy duty, dust sealed, self aligning ball bearings equipped with grease fittings		
A heavy duty spring loaded idler adjustment assembly shall provide approximately 4" of adjustment for proper conveyor chain tension.		
An inverted vee shall be included to reduce the amount of weight on the conveyor chain		
Conveyor Chain: The conveyor chain shall be heat treated 2.25" pitch self cleaning pintle type with 7/16" pins, and a tensile strength per strands of 21,000 pounds		
This chain shall utilize $3/8" \times 1 \ 1/2" \times 18 \ 3/4"$ crossbars welded on both the top and the bottom to every other link making an overall width of 22".		
The cross bars will be positioned on approximately 4.5" centers.		
Spinner Assembly: The distributor disc shall be 18" in diameter, made of 7 ga abrasive resistant steel and have six replaceable formed 7 ga carbon steel fins.		

	Comply	Exception
This disc shall be mounted on a cast iron hub connected directly to the hydraulic motor		
The material shall be guided from the conveyor to the distribution disc by means of one 10 ga stainless steel adjustable, internal, material deflector.		
The entire spinner assembly shall be manufactured of not less than 12 ga stainless steel, adjustable in height to accommodate either the slip in v-box or chassis mounted v-box		
There shall be a front fixed shield, and three adjustable baffles, which are removable without the use of tools		
The entire spinner assembly shall be capable of repositioning without the use of special tools to allow for cleaning, storage and unloading from the conveyor without interference from the spinner assembly		
Power Drive: The conveyor chain shall be driven through the worm drive gearbox by a low speed, high torque " orbital type" hydraulic motor.		
This motor shall be directly coupled to the gearbox and protected from the elements by the housing.		
The gearbox shall have provision for a servo sensor integral with the drive shaft.		
Top Screens: The top screens shall be constructed of 3/8" steel rods welded to form a 2 5" square mesh, which is framed by a combination of		
1/4" x 1 $1/2$ " flat steel and 2" angle iron with the edge supports reinforced by $1/4$ " x 1" flat bars.		
Top screens shall be removable and use the "Drop and Lock" type hinge. Screens utilizing hardware that may vibrate loose are not acceptable.		
Painting: All stainless steel metal shall be left unpainted. Carbon steel components shall be chemically cleaned and coated with a lead free rust inhibitive primer and painted lead free black enamel.		

EV100 SS Stockbox 4/1/2007

Swenson Meets warranty specified by WV specifications. Below is our standard warranty policy.



Dealers have the responsibility of calling to the attention of their customers the following warranty prior to acceptance of an order from that customer for any SWENSON® product.

# WARRANTY

### WHAI THIS WARRANTY COVERS

Swenson Spreader LLC (hereinafter "Swenson") is committed to assuring Customer satisfaction with the Spreader (hereinafter "Product") Swenson warrants to the original owner (hereinafter "Purchaser") of the Product to be free from defects in material and workmanship for the following term: Swenson warrants ALL PARTS AND ASSEMBLIES to be free from defects in material and workmanship for a period of one year from the date of purchase. Installation of the Product must be in accordance with Swenson's instructions. This warranty extends to the Purchaser and may not be assigned without the prior written approval of Swenson; except a distributor may assign this warranty to the first titled owner of the Product.

If a Product has a defect in material or workmanship covered by the warranty, Swenson will (at our option) either replace or repair said part. Swenson's has sole discretion as to repair of defects covered by this warranty, or replacement of the Product. Swenson's responsibilities as described herein shall not exceed the amount of the purchase of the Product.

#### WHAT THIS WARRANTY DOES NOT COVER

Swenson's warranty does not extend to Product which have been misused, abused, improperly installed, repaired with non-genuine Swenson parts, improperly cared for, if materials such as lava rock or cinders are used, or for which payment has not been made. The warranty is void if repairs or alterations to the Product are made by unauthorized persons, or the Product serial numbers have been altered or defaced

All gasoline engines and hydraulic pumps are warranted by their manufacturer and not by Swenson Spreader LLC. Electrical or hydraulic components are not to be disassembled without the express written permission of Swenson Spreader LLC.

IHERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SWENSON'S MAXIMUM OBLIGATION AND LIABILITY UNDER THIS WARRANTY SHALL BE LIMITED TO AN AMOUNT EQUAL TO THE PRESENT PURCHASE PRICE FOR THE SWENSON PRODUCT. SWENSON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DIRECT OR INDIRECT, INCIDENTAL, CONSEQUENTIAL OR OTHERWISE ARISING OUT OF BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages.

Defective parts returned to Swenson Spreader LLC must be accompanied by the following information:

RGA#	
Spreader Model	
Serial Number	
Date Installed	
Where Purchased	

Purchaser accepts these terms and warranty limitations unless product is returned within fifteen days for full refund of purchase price.

Effective 4/15/05



# Salt Spray Testing of Type 201, 201LN, 301, and 304 Stainless Steel Samples

# Introduction

Type 201, 201LN, 301, and 304 stainless steel samples were corrosion tested for 100 hours in a salt spray chamber according to ASTM B117. The samples were prepared so that they all would have the same surface finish before testing. The results of the salt spray testing are summarized in this report.

# Procedure

Samples of Types 201, 201LN, 301, and 304 stainless steel were corrosion tested according ASTM B117 using a solution containing 5% NaCl. The samples were ground using 120 grit-paper and then pickled in a solution containing 2% HF and 10% HNO<sub>3</sub> at 120°F for about 2 minutes. This was done in order to have the same surface finish on all samples tested. The samples were degreased with acetone and then placed in the salt spray (fog) apparatus.

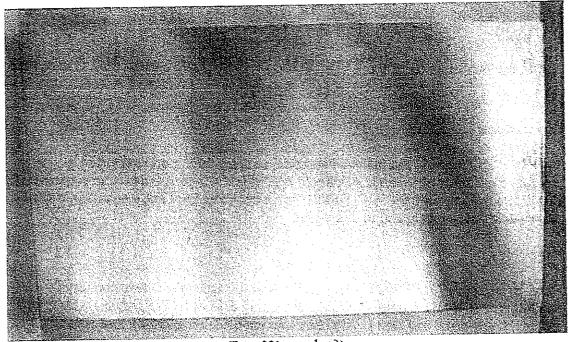
# **Results and Conclusions**

No rust spots could be seen with the naked eye on the Type 201 or Type 201LN samples after 100 hours of testing. However, one very small rust spot was found on each sample of Type 201 when they were examined using an optical microscope, and one and three rust spots were found on sample 6 and 6A of Type 201 LN.

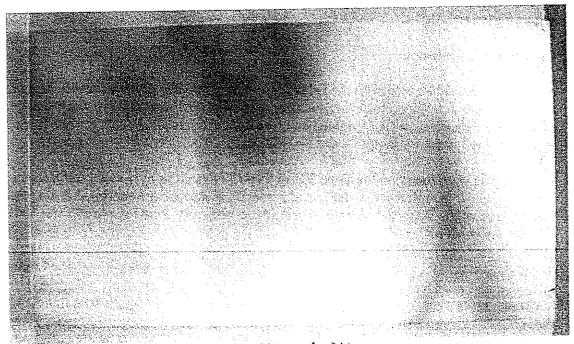
No rust spots were found on the Type 301 or Type 304 samples by visual examination. However, under the microscope, three and seven small rust spots were found during final examination of the Type 301 samples 5 and 5A, respectively. One sample of Type 304 (1) had one small rust spot.

The results indicate that the Type 201 and Type 201LN samples from Allegheny Ludlum had good corrosion resistance under these experimental conditions. Only a few very small rust spots were found during the final examination. No rust spots were found on the samples of Type 301 and when they were visually examined. However, under a microscope, small rust spots were found on all samples except for one sample of Type 304 which were free of rust after 100 hours of salt spray testing.

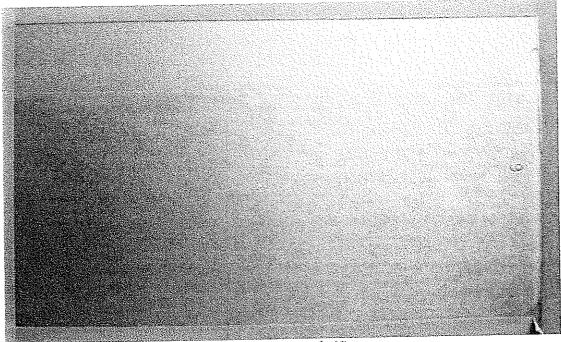
Macrographs at 100X are shown below to document the above observations and comments.



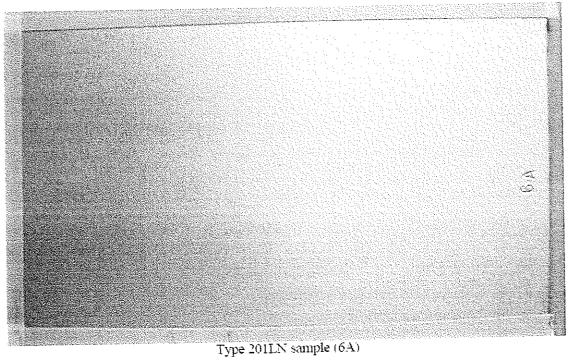
Type 201 sample (2)

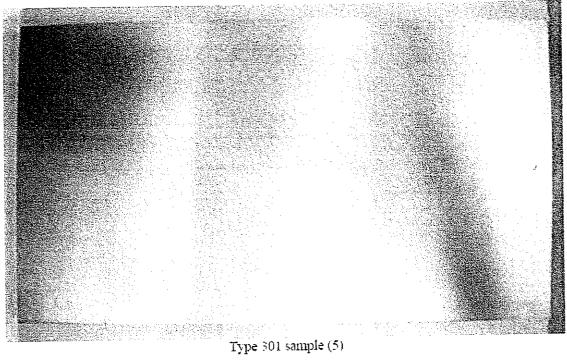


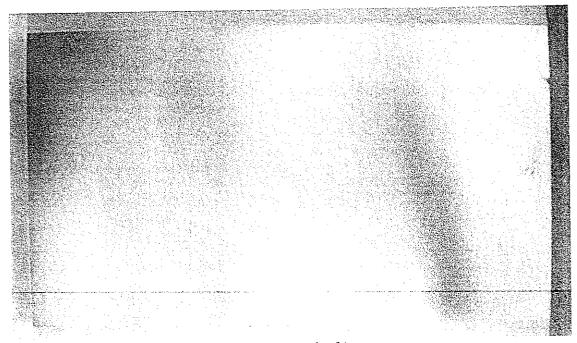
Type 201 sample (2A)



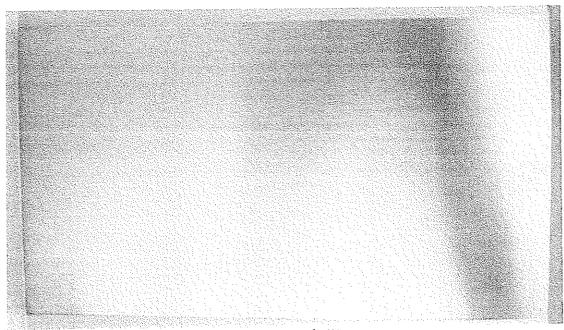
Type 201LN sample (6)



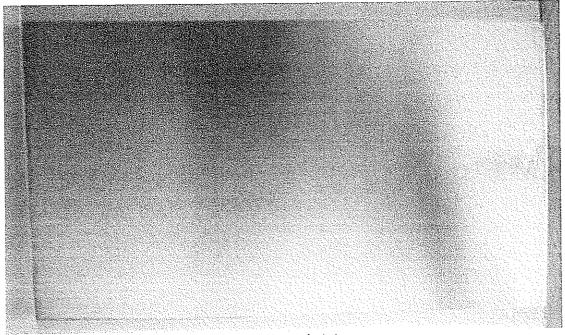




Type 301 sample (5A)



Type 304 sample (1)



Type 304 sample (1A)

Excerpts from an internal ATI Allegheny Ludlum report.

Cheryl A. Botti