



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

Request for Quotation

RFQ NUMBER
708EC012

PAGE
1

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

PROPERTY

RFQ COPY
 TYPE NAME/ADDRESS HERE

Logan Corporation
Rt. 2, Box 924
Clarksburg, WV 26301

SHIP TO

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

DATE PRINTED 04/02/2008	TERMS OF SALE NET 30	SHIP VIA MOTOR FREIGHT	FOB BUCKHANNON, WV	FREIGHT TERMS PREPAID
BID OPENING DATE: 05/07/2008		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		765-77	\$192,000.00	\$192,000.00
<p>AIR STREET SWEEPER</p> <p>OPEN END CONTRACT</p> <p>TO PROVIDE TRUCK MOUNTED REGENERATIVE AIR STREET SWEEPER PER THE ATTACHED SPECIFICATIONS.</p> <p>THERE WILL BE A MANDATORY PRE-BID CONFERENCE AT THE STATE CAPITAL COMPLEX 2019 WASHINGTON, ST. EAST CHARLESTON, WV. AT 10:00 AM ON 04/24/2008. FAILURE TO ATTEND THE PRE-BID CONFERENCE WILL RESULT IN BID DISQUALIFICATION.</p> <p>QUESTIONS: WRITTEN QUESTIONS WILL BE ACCEPTED THROUGH CLOSE OF BUSINESS (5:00 PM EST.) ON FRIDAY 04/18/08.</p> <p>SEND YOUR QUESTIONS TO: PURCHASING DIVISION ATTENTION: MICHAEL AUSTIN 2019 WASHINGTON STREET EAST CHARLESTON, WV 25305</p> <p>QUESTIONS MAY BE SENT VIA FAX, E-MAIL, OR REGULAR MAIL E-MAIL: MICHAEL.D.AUSTIN@WV.GOV FAX: 304-558-4115</p> <p>IT IS THE VENDORS RESPONSIBILITY TO VERIFY THAT THEIR QUESTIONS HAVE BEEN RECEIVED BY CALLING 304-558-2402.</p> <p>EXHIBIT 2</p>						

RECEIVED
03 MAY 28 AM 11:51
PURCHASING DIVISION
STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Joseph M. Drexler* TELEPHONE: **304-623-5670** DATE: **5/27/08**

TITLE: *Territory Mgr.* FEIN: **55-0219530** ADDRESS CHANGES TO BE NOTED ABOVE

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

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

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
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.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

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

SIGNED BID TO:

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



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

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*Logan Corporation
 Rt. 2 Box 924
 Clarksburg, WV 26301*

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
04/02/2008				

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<p>LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING THIRTY (30) DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS, AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK).</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Joseph M. Shields</i>	TELEPHONE 304-623-5670	DATE 5/28/08
TITLE <i>Territory Mgr.</i>	FEIN 55-0219530	ADDRESS CHANGES TO BE NOTED ABOVE

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<p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIES BY THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN EQUIPMENT CONTRACT ORDER (FORM NUMBER WV-35) FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL WV-35 MUST BE SENT TO THE PURCHASING DIVISION OF THE DEPARTMENT OF ADMINISTRATION. AFTER APPROVAL AND ENCUMBRANCE, ONE COPY OF THE PURCHASE ORDER WILL BE RETURNED TO THE SPENDING UNIT AND ONE COPY FORWARDED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT. NO ORDER IS VALID UNLESS APPROVED AND ENCUMBERED BY THE PURCHASING DIVISION.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 9/98</p> <p>EXHIBIT 6</p> <p>PRICE ADJUSTMENT PROVISION: THE STATE OF WEST VIRGINIA WILL CONSIDER BIDS THAT CONTAIN PROVISIONS FOR PRICE ADJUSTMENTS PRIOR TO THE ORIGINAL EXPIRATION OF THE CONTRACT, PROVIDED THAT SUCH PRICE ADJUSTMENT COVERS BOTH UPWARD AND DOWNWARD MOVEMENT OF THE COMMODITY PRICE, AND THAT ADJUSTMENT IS BASED ON THE "PASS THROUGH" INCREASE OR DECREASE OF</p>						

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<p>RAW MATERIALS AND/OR LABOR, WHICH MAKE UP ALL OR A SUBSTANTIAL PART OF A PRODUCT. ADJUSTMENTS ARE TO BE BASED UPON AN ACTUAL DOLLAR FIGURE, NOT A PERCENTAGE. ALL PRICE ADJUSTMENT REQUESTS MUST BE SUBSTANTIATED IN A MANNER ACCEPTABLE TO THE DIRECTOR PURCHASING, E.G. GOVERNMENTAL BENCH MARKS, GENERAL MARKET INCREASE, PUBLISHED PRICE LISTS. SUCH REQUESTS FOR AND INCREASE SHOULD BE RECEIVED IN WRITING BY THE DIRECTOR OF PURCHASING AT LEAST 30 DAYS IN ADVANCE OF THE EFFECTIVE DATE OF THE INCREASE. ANY TIME THE VENDOR REQUESTS A PRICE ADJUSTMENT, THE PURCHASING DIVISION MAY EITHER ACCEPT THE PRICE ADJUSTMENT AND AMEND THE CONTRACT ACCORDINGLY OR REJECT THE ADJUSTMENT IN ITS ENTIRETY AND CANCEL THE CONTRACT.</p> <p>EXHIBIT 4</p> <p>LOCAL GOVERNMENT BODIES: UNLESS THE VENDOR INDICATES IN THE BID HIS REFUSAL TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO COUNTY, SCHOOL, MUNICIPAL AND OTHER LOCAL GOVERNMENT BODIES, THE BID SHALL EXTEND TO POLITICAL SUBDIVISIONS OF THE STATE OF WEST VIRGINIA. IF THE VENDOR DOES NOT WISH TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO ALL POLITICAL SUBDIVISIONS OF THE STATE, THE VENDOR MUST CLEARLY INDICATE SUCH REFUSAL IN HIS BID. SUCH REFUSAL SHALL NOT PREJUDICE THE AWARD OF THIS CONTRACT IN ANY MANNER.</p> <p>REV. 3/88</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.:</p>						

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Logan Corporation
Rt-2 Box 924
Clarksburg, WV 26301

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<p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO. 'S</p> <p>NO. 1 ✓ <i>JS</i></p> <p>NO. 2 ✓ <i>JS</i></p> <p>NO. 3 ✓ <i>JS</i></p> <p>NO. 4</p> <p>NO. 5</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: right;"> <i>Joseph M. Donald</i> SIGNATURE <i>Logan Corporation</i> COMPANY </p>						

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SIGNATURE <i>Joseph M. Donald</i>	TELEPHONE <i>304-623-5670</i>	DATE <i>5/27/08</i>
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**MICHAEL AUSTIN
 304-558-2402**

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*Logan Corporation
 Rt. 2 Box 924
 Clarksburg, WV 26301*

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				<i>5/27/2008</i> DATE		
						REV. 11/96
						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). A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED: <input type="checkbox"/> BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR <input checked="" type="checkbox"/> BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY I 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 <input type="checkbox"/> BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH

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SIGNATURE <i>Joseph M. Sincello</i>	TELEPHONE <i>304-623-5670</i>	DATE <i>5/27/08</i>
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 Rt. 2 Box 924
 Clarksburg, WV 26301*

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<p>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.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p><input checked="" type="checkbox"/> 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;</p> <p>OR</p> <p><input type="checkbox"/> 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 BIDDERS' 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.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE</p>						

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SIGNATURE <i>Joseph M. Swalch</i>	TELEPHONE <i>304-623-5670</i>	DATE <i>5/27/08</i>
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<p>CONTRACT OR PURCHASE ORDER.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p> <p>BIDDER: <i>Logan Corporation</i></p> <p>DATE: <i>5/27/2008</i></p> <p>SIGNED: <i>Joseph M. Shields</i></p> <p>TITLE: <i>Territory Mgr.</i></p> <p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B".</p>						

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BID OPENING DATE: **05/07/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>(REV. 12/00)</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 33</p> <p>RFQ. NO.: 708EC012</p> <p>BID OPENING DATE: 05/07/2008</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p style="text-align: center;">----- <i>304-623-5676</i> -----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Joseph M. Dinaldo</i>	TELEPHONE <i>304-623-5670</i>	DATE <i>5/27/08</i>
TITLE <i>Territory Mgr.</i>	FAX <i>65-0219530</i>	ADDRESS CHANGES TO BE NOTED ABOVE

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



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

Request for Quotation

RFQ NUMBER
708EC012

PAGE
10

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

RFQ COPY
 TYPE NAME/ADDRESS HERE

*Logan Corporation
 Rt. 2 Box 924
 Clarksburg, WV 26301*

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/02/2008				

BID OPENING DATE: **05/07/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
CONTACT PERSON (PLEASE PRINT CLEARLY):						
<i>Joe Dinaldo</i>						
***** THIS IS THE END OF RFQ 708EC012 ***** TOTAL:						<i>\$ 192,000.⁰⁰</i>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Joseph M. Dinaldo</i>	TELEPHONE <i>304-623-5670</i>	DATE <i>5/28/08</i>
TITLE <i>Territory Mgr.</i>	FERN <i>55-0219530</i>	ADDRESS CHANGES TO BE NOTED ABOVE

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

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
EQUIPMENT DIVISION

BIDDER'S EVALUATION REPORT

PROCUREMENT SPECIFICATIONS FOR OPEN END CONTRACT
NO. 044-1-B

OPEN END CONTRACT
TRUCK MOUNTED REGENERATIVE AIR STREET SWEEPER

NOTE TO BIDDER: Procurement Specification No. 044-1-B, 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.: 708EC012

Bidder's Name: Logan Corporation

Address: Rt 2 Box 924 Clarksburg, WV 26301

Telephone Number: 304-623-5670

Years Bidder has been registered to do business with the State of West Virginia: 43 YRS.

Years Company has been an authorized dealer for proposed unit: 37 YRS.

X3.2 Have you complied with all mandatory specifications? YES NO

X4.2 DELIVERY:

X4.2.1 Delivery date of completed representative unit: 120 Calendar Days After
Receipt of Purchase Agreement

X4.2.2 Delivery date of balance of completed units: 120 Calendar Days After Receipt of
Purchase Agreement

NOTE: Vendors can complete the Bid Schedule at Purchasing's Web Site
www.state.wv.us/admin/purchase

X5.0 AWARD CRITERIA;

X5.1 Price for each unit:

\$192,000.⁰⁰

X6.0 SPECIFICATIONS - GENERAL

X6.1 Manufacturer, model, series, and date of manufacture of proposed unit:

Allianz Sweeper Company, RT655 Regen 2008 model or newer
 Is descriptive literature, fully describing proposed unit attached to your bid? YES NO

If not, why? _____

X6.2 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?

YES NO

Will the required Equipment Preventive Maintenance Form (Section X6.2 of Bidders Evaluation Report) be provided upon inspection of the pilot unit?

YES NO

EQUIPMENT PREVENTATIVE MAINTENANCE QUESTIONNAIRE

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

DESCRIPTION: _____ MAKE: _____

MODEL: _____ YEAR: _____ PURCHASE AMOUNT: _____

ENGINE: MAKE: _____ MODEL: _____ FUEL TYPE: _____

HORSEPOWER: _____ CYLINDER: _____ ENGINE SERIAL: _____

COOLING SYSTEM CAPACITY: _____

BELTS: DESCRIPTION: _____ PART NUMBERS: _____

GVW: _____ AXLE CAPACITY:FRONT: _____ REAR: _____

TIRES: FRONT MAKE & SIZE: _____

REAR MAKE & SIZE: _____

DIMENSIONS OF UNIT: LENGTH: _____ WIDTH: _____ LENGTH: _____

VENDOR CONTACT PERSON: _____ PHONE: _____

PARTS:

BATTERY MAKE: _____ MODEL: _____ CCA: _____

TOP OR SIDE POST: _____ DIMENSIONS: LENGTH _____ WIDTH _____ HEIGHT _____

SPARK PLUGS OR FUEL INJECTORS MAKE: _____ PART # _____

FUEL PUMP OR INJECTION PUMP MAKE: _____ MODEL: _____

ALTERNATOR MAKE: _____ PART #: _____

STARTER MAKE: _____ PART #: _____

TURBO CHARGER MAKE: _____ PART #: _____

TRANS. MAKE: _____ MODEL: _____ AUTO/MANUAL: _____

HYDRAULIC PUMP MAKE: _____ MODEL: _____

FILTERS	MAKE	PART NO.	LUBRICANT	MANUFACTURER TYPE
OIL	_____	_____	ENGINE	_____
AIR INNER	_____	_____	TRANSMISSION	_____
AIR OUTER	_____	_____	POWER STEERING	_____
FUEL PRIMARY	_____	_____	HYDRAULIC	_____
FUEL SECONDARY	_____	_____	DIFFERENTIALS	_____
COOLANT	_____	_____	BRAKE FLUID	_____
HYDRAULIC	_____	_____	COOLANT	_____
OTHER	_____	_____	OTHER	_____

X6.3 TRAINING:

Will training seminar be conducted on Preventive Maintenance, Operator and Mechanic Training
 YES NO

Will you conduct training with each purchase order against this open end contract?
 YES NO

Will training be conducted within 2 working days from the delivery of the pilot unit on the individual purchase order?
 YES NO

If NO, explain time frame _____

Will an Operator's Manual be furnished directly to Training Academy prior to the delivery of the pilot?
 YES NO

X6.4 If you are the successful vendor, will you furnish all training aids, i.e., videos, projectors, required in conducting the training?
 YES NO

X6.4.1 Will all manuals, booklets, etc. explaining preventive maintenance, operator procedures, and service schedule be delivered with each unit?
 YES NO
 If NO, explain _____

X6.5 WARRANTY AND SERVICE POLICY

Will the warranty and service you provide comply with all areas as stated in Section 6.5 of specifications
 YES NO

Is warranty literature attached?
 YES NO

Is a minimum two (2) year bumper to bumper basic parts and labor warranty included?
 YES NO

Describe: See attached warranty information



High Speed, High Velocity Regenerative Air Sweeper

Allianz RT655



Allianz

The street sweeper benchmark

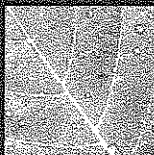
Allianz is the world's leading manufacturer of outdoor surface cleaning equipment. We are unique among sweeper manufacturers in that our comprehensive range of machines means we are able to offer the right product for your application—whatever you are trying to clean.

The Allianz RT655 is designed to deliver industry-leading sweeping technology:

- Ease of use
- Outstanding performance
- Reliability, durability
- The lowest possible cost of ownership

With durable, rugged construction, superior performance suction and a design that meets all international safety and environmental standards, the RT655 sets the global benchmark for sweeper's quality.

*Allianz
A cleaner
environment
for everyone*



Feel the Power of Regenerative Air Sweeping

John Deere Auxiliary Engine

The RT655 comes standard with a powerful John Deere diesel engine, which meets the latest EPA emission requirements for off road diesel engines. Engine speed is managed by an electronic actuator eliminating unreliable and costly cables. Standard equipment includes a fail safe engine shutdown system for low oil pressure and high engine temperature; as well as a stainless steel muffler and exhaust pipe.

A single 58 gallon (220 L) fuel tank supplies both truck and auxiliary sweeper engine ensuring long operation without refueling. This rotational molded plastic tank has been designed to eliminate corrosion.

Covered Engine Compartment

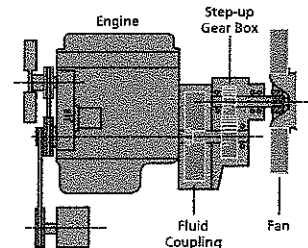
Completely covered engine pack reduces engine noise, lowers overall machine decibels, while protecting components from inclement weather and damage. Air intake drawn from the top of the sweeper ensures a clean environment for the engine, resulting in greater reliability and longer component life.

Energy efficient blower system for fuel savings

The RT655 features a patented gearbox driven blower/fan, which eliminates belts and other high wear components, resulting in a lower cost of operation. Its patented step-up gearbox drive system increases fan speed at a ratio of 1.79:1 which:

- Results in lower fuel consumption
- Creates less engine wear and tear
- Lowers noise levels

The Step-up gearbox fan transmission system, is available with industry's most comprehensive power train warranty: a full 5 years of protection



Turns on a Dime

The RT655 can be mounted on an assortment of Conventional and Cab Over Chassis, allowing users to standardize their fleets. Its compact design permits mounting onto a short 133" (338 cm) wheelbase truck resulting in unrivaled maneuverability.



Tightest turning radius in its class.

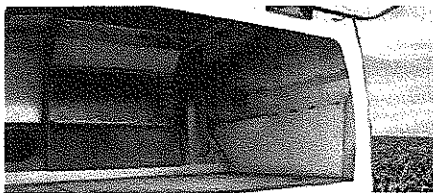
Generous Sweeper Hopper Body.

8.5 cu. yd. (6.5 cu.m) high capacity debris hopper, with rear mounted access door, gives maximum loading capacity and greater productivity

Available in full stainless steel with a lifetime warranty against rust perforation and corrosion.

- Ensures component longevity over the life of the equipment
- Safeguards investment against corrosion and abrasion ensuring trouble free operation and a lower cost of ownership

Allianz Sweeper Company has continually set the standard for debris hopper construction, while backing them with comprehensive warranties that safeguard your investment.

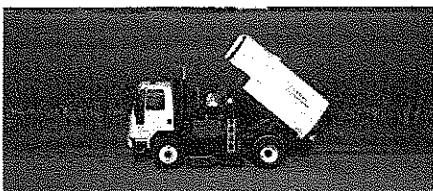


Stainless steel hopper resists corrosion

The debris hopper is dumped via a handheld remote that permits operation from inside or outside the drivers cabin. A safety button is provided that prevents unintentional raising/lowering of the debris hopper and rear door.

The hopper tips to a 55 degree angle ensuring quick and clean dumping every time, while eliminating maintenance intensive floor scraping bars found on competitive models.

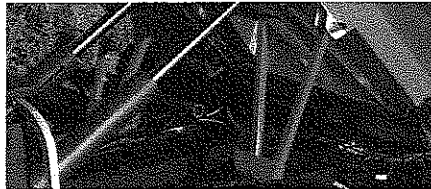
In addition, the dust separator is automatically emptied each time the hopper is tipped eliminating unreliable cables and linkages.



Hopper tips like dump truck-eliminating wear parts



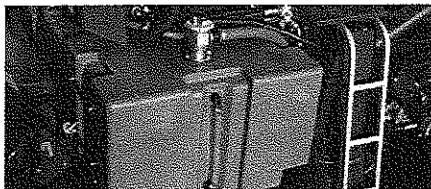
Handheld remote



Automatic body prop ensures operator or maintenance personnel safety during equipment inspection.

Lots of water on board

Twin molded Polyethylene plastic water tanks with 250 gallon (956 L) capacity increases productivity and is guaranteed against corrosion for life.



Water is delivered via a hydraulically driven twin diaphragm pump which can run dry without damage.

Dust separator/hood hydrant washout

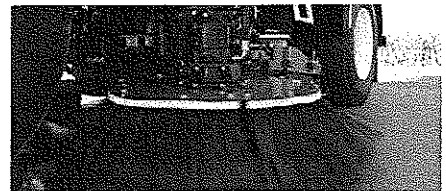
A quick connect hydrant connection is furnished as standard equipment to provide fast, easy cleaning of the dust separator, sweeping hood, pressure and suction hoses.

Sweep Gear

The RT655 comes standard with two 43" (109 cm) diameter hydraulically driven gutter brooms. The brooms are forward facing digger style to provide the aggressive, digging action you require from a high performance road sweeper. Standard equipment includes in cab down pressure controls and variable speed broom controls so you can easily adapt to whatever is thrown in your way. Optional broom tilt angle controls are provided via a cab controlled hydraulic actuator.

The gutter brooms feed the widest sweeping hood in the industry; a full 93" (236 cm). The hood features an in cab control 'hovering' feature for collection of bulky litter and trash. Twin 14" (36cm) diameter pressure and suction hoses ensure even the largest debris is collected.

No need to raise sweep gear when reversing. The RT655 design allows sweeping in reverse without worrying about damaging the sweep gear.

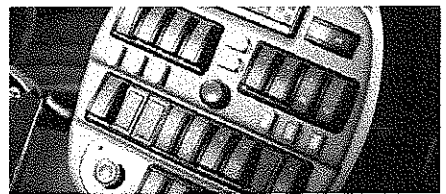


Gutter brooms variable speed control from within the cab rotate from 0 -100 RPM. Optional Gutter broom tilt angle adjustment

Ergonomic control box

The RT655 features the most modern and simple control box in the industry.

A single master sweep control 'ergo' switch raises/lowers, stops/starts all sweeping functions. Water can be automatically selected with each broom/sweeping function, eliminating switches and wires.



Single touch master control all functions

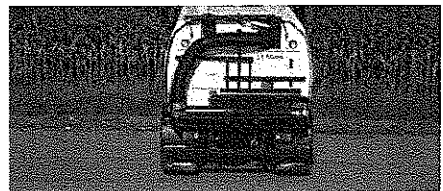
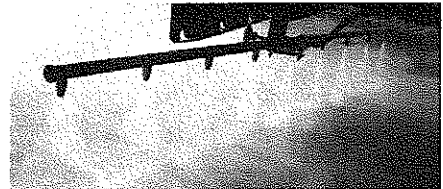
Simple design – Easy maintenance

Today's customers demand safety, economy, operator comfort, and simplified maintenance. The RT655 is engineered for easy maintenance. No need to hunt and crawl all over our machine, the RT655 has been designed logically. Common components are centrally located and grouped. All systems feature LED status indicators on control solenoids, and built in test ports for fast, easy diagnostics. Color coded electrical harnesses and pneumatic lines are another little touch that saves you time and money. Electrical connectors are set to an industry leading IP67 standard to operate in the harshest of environments.

Options

- High pressure washdown systems (*top photo*)
- High pressure street washing option (*middle photo*)
- Rear catch basin hose (*bottom photo*)
- Rear lightweight litter hose
- In cab broom tilt angle controls
- PM10 Dust containment system
- Reverse camera system
- Beacons/strobes
- Rear mounted arrow boards/Arrowstick

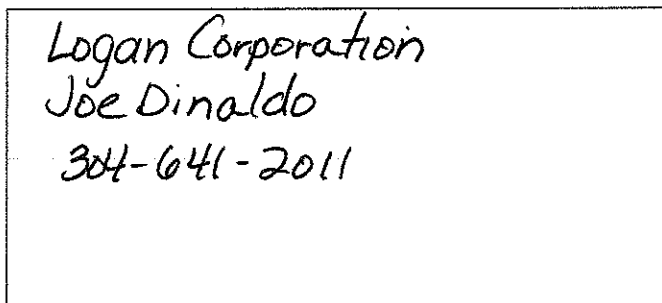
Other options available, please consult factory



Call today for a free catalog, video or demonstration.

Call TOLL FREE: 1-800-862-3822

Your local Allianz Dealer is:



Allianz Madvac Inc.

4651 Schaefer Avenue, Chino
CA 91710, USA

1690 Eiffel, Boucherville,
Quebec J4B 7W1, Canada

Toll-Free 1 800 862-3822

Tel.: 1 (450) 616-8100

Fax: 1 (450) 616-8103

E-Mail: info@allianzmadvac.com

Web: www.allianzmadvac.com



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PLEASE NOTE: All line drawings herein are approximations for general comparisons only.
Please consult manufacturer for accurate dimensions/specifications.

ALLIANZ SWEEPER COMPANY

WARRANTY POLICY - VACUUM SWEEPERS

Effective
March 1, 2007

Allianz Sweeper Company, warrants to the original purchaser all new vacuum equipment manufactured by it to be free from defects in material and workmanship under normal operating conditions and proper application for a period of one year (twelve months) from the date placed in service or fifteen hundred (1500) hours of operation by the original purchaser, whichever occurs first, except for wear parts and failures caused by misuse, abuse, accident, inadequate maintenance, or contamination of components.

The following parts and components are wear items that are not included in Allianz warranty coverage: filters, elements, body inlet ducts, flaps and meshes, brush linkages, brushes and pivots, brush segments and spacers, channel brushes, drive couplings, bearings and belts, dust curtains and mudflaps, lift cables, light bulbs, fuses and batteries, nozzles and nozzle guards, nozzle rubbers, retaining strips and trunkings, nozzle wheels and or skids, seals and rubbers, tires and friction materials, wand hose turrets, ducts, bearings and trunkings, water jets, wear plates, side blocks, straps and baffles, mirrors and inspection glasses, or any other consumable item.

Allianz's obligation under this warranty is limited to making a repair or replacement at its factory or at a point designated by it, or any part or parts thereof which shall be returned to it with transportation charges prepaid and which its examination shall disclose to its satisfaction to have been thus defective; this warranty being expressly in lieu of all other obligations or liabilities on its part, and neither assumes nor authorizes any other person to assume for it any other liability in connection with the sale, service or repair of its equipment.

Optional equipment such as radios, rotating beacons, arrowstick or arrowboard and any electrical option will carry a warranty of 90 days.

Electrical equipment not covered by Allianz Sweeper Company warranty includes starters, starter solenoids, generators, alternators, voltage regulators and batteries warranted by their respective manufacturers.

Warranty coverage may be voided if non genuine Johnston parts or components are used on Johnston sweepers during the warranty period. Allianz does not warranty parts or components that fail due to lack of proper maintenance.

This warranty does not obligate the manufacturer to bear the cost of removal and re installation labor or transportation charges in connection with the replacement of parts and components for equipment upon which repairs or alterations have been made in any way so as in the judgement of Allianz Sweeper Company to affect its performance and reliability, nor which has been subject to misuse, negligence or accident.

The Allianz Sweeper Company makes no warranty in respect to trade accessories, tires and engines, batteries, chassis or other accessories covered by warranty from the supplier, inasmuch as they are subject to the warranty of their respective manufacturers.

THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED (INCLUDING THOSE OF MERCHANTABILITY AND FITNESS OF ANY PRODUCT FOR A PARTICULAR PURPOSE), AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF ALLIANZ SWEEPER COMPANY.

LIMITATION OF LIABILITY

It is expressly understood that Allianz Sweeper Company's liability for its products, whether due to breach of warranty or negligence, is limited to the furnishing of such replacement parts, and Allianz Sweeper Company will not be liable for any other injury, loss, damage, or expense, whether direct or consequential, including but not limited to loss of use, income, profit, or production, or increased cost of operation, or spoilage of or damage to material, arising in connection with the sale, installation, use of, inability to use, or the repair or replacement of Allianz Sweeper Company's products.

WARRANTY VOID IF NOT REGISTERED



Allianz Sweeper

4651 Schaefer Avenue, Chino
CA 91710, USA

Tel: 1 866 462-3822

Fax: 1 (450) 616-8101

E-Mail: info@allianzsweeper.com

Web: www.allianzsweeper.com

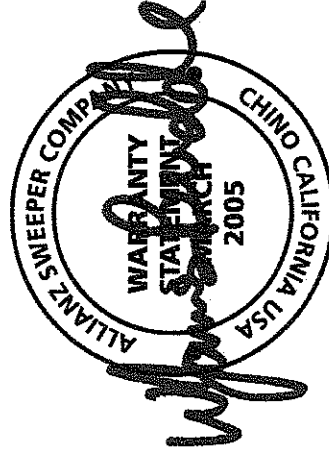


**ALLIANZ SWEEPER COMPANY
VACUUM HOPPER WARRANTY STATEMENT**

**HOPPER WARRANTY STATEMENT APPLICABLE TO STREET SWEEPER MODELS: 650, 655 and 800
WHEN SUCH WARRANTY IS REQUESTED IN BID SPECIFICATIONS**

Allianz Sweeper Company hereby certifies that the sweeper's Debris Hopper Body, excluding inlet wear tubes, plates and screens, shall be warranted against rust perforation, corrosion perforation, including normal wear and tear, and any damage to internal hopper protective coatings for the "LIFETIME" of the sweeper, provided the sweeper is continuously owned by the original purchaser, and provided the warranty is requested in the customer's bid specifications. Coverage includes 100% parts and labor with no 'pro-rating' or hour limitations. This warranty is non-transferable.

W. James Budde
Sales Administration Manager
Allianz Sweeper Company

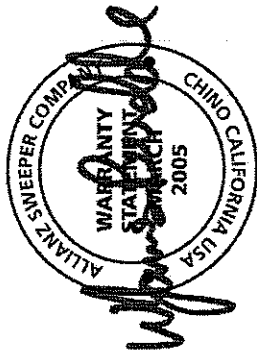


Allianz Sweeper
4651 Schaefer Avenue, Chino
CA 91710, USA
Tel : 1 (909) 613-5600
Fax : 1 (909) 613-5736
E-Mail : info@allianzmadvac.com
Web : www.allianzsweeper.com



**IMPELLER/SUCTION FAN DRIVE SYSTEM WARRANTY STATEMENT APPLICABLE TO STREET SWEEPER
MODELS: 650, 655, and 800 WHEN SUCH WARRANTY IS REQUESTED IN BID SPECIFICATIONS**

Allianz Sweeper Company hereby certifies that the sweeper's impeller / suction fan drive system excluding the auxiliary engine and suction fan, shall be warranted for five years from the original date of purchase of the sweeper, provided the sweeper is continuously owned by the original purchaser during that time. Coverage includes all components between the engine flywheel and the suction fan. Warranty shall also cover normal wear items such as, belts, pulleys, bearings, shafts, fluid couplings, clutches and seals. 100% parts and labor with no 'pro-rating' or hour limitations. This warranty is non-transferable.



W. James Budde
Sales Administration Manager
Allianz Sweeper Company

NEW PRODUCT WARRANTY



**PARTICIPATING OEM SALES
DISTRIBUTOR SALES**

LIMITED WARRANTY ON NEW ALLISON AUTOMATIC TRANSMISSIONS USED IN ON-HIGHWAY TRUCK APPLICATIONS OTHER THAN AUTOMOTIVE FIRE APPARATUS APPLICATIONS

Allison Transmission will provide for repairs or replacement, at its option, during the warranty period of each new Allison transmission listed below that is installed in an On-Highway Truck other than Automotive Fire Apparatus in accordance with the following terms, conditions, and limitations.

WHAT IS COVERED

- **WARRANTY APPLIES** — This warranty is for new Allison transmission models listed below installed in an On-Highway Truck other than Line Haul and Automotive Fire Apparatus and is provided to the original and any subsequent owner(s) of the vehicle during the warranty period.
- **REPAIRS COVERED** — The warranty covers repairs or replacement, at Allison Transmission's option, to correct any transmission malfunction resulting from defects in material or workmanship occurring during the warranty period. Needed repairs or replacements will be performed using the method Allison Transmission determines most appropriate under the circumstances.
- **TOWING** — Towing is covered to the nearest Allison Transmission Distributor or authorized Dealer only when necessary to prevent further damage to your transmission.
- **PAYMENT TERMS** — Warranty repairs, including parts and labor, will be covered per the schedule shown in the chart contained in section "APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE."
- **OBTAINING REPAIRS** — To obtain warranty repairs, take the vehicle to any Allison Transmission Distributor or authorized Dealer within a reasonable amount of time and request the needed repairs. A reasonable amount of time must be allowed for the Distributor or Dealer to perform necessary repairs.
- **TRANSMISSION REMOVAL AND REINSTALLATION** — Labor costs for the removal and re-installation of the transmission, when necessary to make a warranty repair, are covered by this warranty.
- **WARRANTY PERIOD** — The warranty period for all coverages shall begin on the date the transmission is delivered to the first retail purchaser, with the following exception:
Demonstration Service - A transmission in a new truck or bus may be demonstrated to a total of 5000 miles (8000 kilometers). If the vehicle is within this limit when sold to a retail purchaser, the warranty start date is the date of purchase. Normal warranty services are applicable to the demonstrating Dealer. Should the truck or bus be sold to a retail purchaser after these limits are reached, the warranty period will begin on the date the vehicle was first placed in demonstration service and the purchaser will be entitled to the remaining warranty.

The warranty period for all coverages shall end at the expiration of the coverage set forth below:

APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE

APPLICABLE MODELS	WARRANTY LIMITATIONS (Whichever occurs first)		ADJUSTMENT CHARGE TO BE PAID BY THE CUSTOMER	
	Months	Transmission Miles Or Kilometers	Parts	Labor
MD, MT, HD, HT, 3000, 3500, 4000, 4500, 4700, 4800, 3000 HS, 4000 HS, 4500 HS, 3000 RDS, 3500 RDS, 4000 RDS, 4500 RDS, 4700 RDS	0-24*	No Limit	No Charge	No Charge
AT, 1000 Series™, 2000 Series™, 2400 Series™, 1000, 2100, 2200, 2500, 1000 HS, 2100 HS, 2200 HS, 2350 HS, 2500 HS, 2550 HS, 1000 RDS, 2100 RDS, 2200 RDS, 2350 RDS, 2500 RDS, 2550 RDS	0-36*	No Limit	No Charge	No Charge
<u>Emergency Vehicle Use Only</u> 1000 EVS, 2100 EVS, 2200 EVS, 2500 EVS, 3000 EVS, 3500 EVS, 4000, 4000 EVS, 4500, 4500 EVS, 4700, 4700 EVS, 4800, 4800 EVS	0-60	No Limit	No Charge	No Charge

* Effective July 2006, the Allison transmission in your vehicle may be covered by additional extended coverage, dependent on the Original Equipment Manufacturer (OEM) which manufactured your vehicle. **This additional coverage requires continued use of Allison TranSynd™ synthetic transmission fluid and genuine Allison filters.** Please consult your OEM Dealer or authorized Allison Transmission Distributor or Dealer for specific information.

WHAT IS NOT COVERED

• **DAMAGE DUE TO ACCIDENT, MISUSE, or ALTERATION**

Defects and damage caused as the result of any of the following are not covered:

- Flood, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle;
- Misuse of the vehicle;
- Installation into unapproved applications and installations;
- Alterations or modification of the transmission or the vehicle, and
- Damage resulting from improper storage (refer to long-term storage procedure outlined in the applicable Allison Service Manual)
- Anything other than defects in Allison Transmission material or workmanship

NOTE: This warranty is void on transmissions used in vehicles currently or previously titled as salvaged, scrapped, junked, or totaled.

- **CHASSIS, BODY, and COMPONENTS** — The chassis and body company (assemblers) and other component and equipment manufacturers are solely responsible for warranties on the chassis, body, component(s), and equipment they provide. Any transmission repair caused by an alteration(s) made to the Allison transmission or the vehicle which allows the transmission to be installed or operated outside of the limits defined in the appropriate Allison Installation Guideline is solely the responsibility of the entity making the alteration(s).
- **DAMAGE CAUSED by LACK of MAINTENANCE or by the USE of TRANSMISSION FLUIDS NOT RECOMMENDED in the OPERATOR'S MANUAL** — Defects and damage caused by any of the following are not covered:
 - Failure to follow the recommendations of the maintenance schedule intervals applicable to the transmission;
 - Failure to use transmission fluids or maintain transmission fluid levels recommended in the Operator's Manual.
- **MAINTENANCE** — Normal maintenance (such as replacement of filters, screens, and transmission fluid) is not covered and is the owner's responsibility.
- **REPAIRS by UNAUTHORIZED DEALERS** — Defects and damage caused by a service outlet that is not an authorized Allison Transmission Distributor or Dealer are not covered.
- **USE of OTHER THAN GENUINE ALLISON TRANSMISSION PARTS** — Defects and damage caused by the use of parts that are not genuine Allison Transmission parts are not covered.
- **EXTRA EXPENSES** — Economic loss and extra expenses are not covered. Examples include but are not limited to: loss of vehicle use; inconvenience; storage; payment for loss of time or pay; vehicle rental expense; lodging; meals; or other travel costs.
- **"DENIED PARTY" OWNERSHIP** — Warranty repair parts and labor costs are not reimbursed to any participating or non-participating OEMs, dealers or distributors who perform warranty work for, or on behalf of, end users identified by the United States as being a "denied party" or who are citizens of sanctioned or embargoed countries as defined by the U.S. Department of Treasury Office of Foreign Assets Control. Furthermore, warranty reimbursements are not guaranteed if the reimbursement would be contrary to any United States export control laws or regulations as defined by the U.S. Department of Commerce, the U.S. Department of State, or the U.S. Department of Treasury.

OTHER TERMS APPLICABLE TO CONSUMERS AS DEFINED by the MAGNUSON-MOSS WARRANTY ACT

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Allison Transmission does not authorize any person to create for it any other obligation or liability in connection with these transmissions. **ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THESE TRANSMISSIONS IS LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN WARRANTY. PERFORMANCE OF REPAIRS AND NEEDED ADJUSTMENTS IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES (SUCH AS, BUT NOT LIMITED TO, LOST WAGES OR VEHICLE RENTAL EXPENSES) RESULTING FROM 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, so the above limitations or exclusions may not apply to you.

OTHER TERMS APPLICABLE TO OTHER END-USERS

THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO THE ALLISON TRANSMISSION MODELS LISTED ABOVE AND IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALLISON TRANSMISSION DOES NOT AUTHORIZE ANY PERSON TO CREATE FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH SUCH TRANSMISSIONS. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY.

QUESTIONS

If you have any questions regarding this warranty or the performance of warranty obligations, you may contact any Allison Transmission Distributor or Dealer or write to:

Allison Transmission
General Motors Corporation
P.O. Box 894
Indianapolis, IN 46206-0894
Attention: Warranty Administration 462-470-PF9
Form SE0617EN (200606)

JOHN DEERE NEW OFF-HIGHWAY ENGINE WARRANTY



Warranty Duration

Unless otherwise provided in writing by John Deere, John Deere* makes the following warranty to the first retail purchaser and each subsequent purchaser (if purchase is made prior to expiration of applicable warranty) of each John Deere new off-highway engine marketed as part of a product manufactured by a company other than John Deere or its affiliates and on each John Deere engine used in an off-highway repower application:

- 12 months, unlimited hours of use, or
- 24 months and prior to the accumulation of 2000 hours of use

Note: In the absence of a functional hourmeter, hours of use will be determined on the basis of 12 hours of use per calendar day.

Warranty Coverage

This warranty applies to the engine and to integral components and accessories sold by John Deere, and delivered to the first retail purchaser on or after 1 January 2001.

All John Deere-warranted parts and components of John Deere engines which, as delivered to the purchaser, are defective in materials and/or workmanship will be repaired or replaced, as John Deere elects, without charge for parts or engine repair labor, including reasonable costs of labor to remove and reinstall non-engine parts or components of the equipment in which the engine is installed, and, when required, reasonable costs of labor for engine removal and reinstallation, if such defect appears within the warranty period as measured from the date of delivery to the first retail purchaser, if the delivery is reported to John Deere within 30 days of the delivery.

Emissions Warranties

Emissions warranties appear in the operation and maintenance instructions furnished with the engine/machine.

Obtaining Warranty Service

Warranty service must be requested of the nearest authorized John Deere engine service outlet before the expiration of the warranty. An *authorized* service outlet is a John Deere engine distributor, a John Deere engine service dealer, or a John Deere equipment dealer selling and servicing equipment with an engine of the type covered by this warranty.

Authorized service outlets will use only new or remanufactured parts or components furnished or approved by John Deere.

Authorized service locations and the name of the John Deere division or subsidiary making this warranty are listed in the *Parts and Service Directory for John Deere Engines*.

At the time of requesting warranty service, the purchaser must be prepared to present evidence of the date of delivery of the engine.

John Deere reimburses authorized service outlets for limited travel expenses incurred in making warranty service repairs in non-John Deere applications when travel is actually performed. The limit, as of the date of publication of this statement, is US\$300.00 (US\$400.00 if engine is marine) or equivalent. If distances and travel times are greater than reimbursed by John Deere, the service outlet will charge the purchaser for the difference.

Warranty Exclusions

John Deere's obligations shall not apply to fuel injection pump and nozzles during the pump and nozzle manufacturer's warranty period on the pump and nozzles, components and accessories which are not furnished or installed by John Deere, nor to failures caused by such items. When the pump manufacturer's warranty is less than the engine warranty, John Deere will reimburse pump repair costs for warrantable-type failures during the remainder of the original engine warranty period, when so documented by the pump manufacturer's approved service outlet.

* "John Deere" means John Deere Power Systems with respect to users in the United States, John Deere Limited with respect to users in Canada, and Deere & Company or its subsidiary responsible for marketing John Deere equipment in other countries where the user is located.

Purchaser's Responsibilities

The cost of normal maintenance and depreciation.

Consequences of negligence, misuse, or accident involving the engine, or improper application, installation, or storage of the engine.

Consequences of service performed by someone other than a party authorized to perform warranty service, if such service, in John Deere's judgment, has adversely affected the performance or reliability of the engine.

Consequences of any modification or alteration of the engine not approved by John Deere, including, but not limited to, tampering with fuel and air delivery systems.

The effects of cooling system neglect as manifested in cylinder liner or block cavitation ("pitting", "erosion", "electrolysis").

Any premium for overtime labor requested by the purchaser.

Costs of transporting the engine or the equipment in which it is installed to and from the location at which the warranty service is performed, if such costs are in excess of the maximum amount payable to the service location were the warranty service performed at the engine's location.

Costs incurred in gaining access to the engine; i.e., overcoming physical barriers such as walls, fences, floors, decks or similar structures impeding access to the engine, rental of cranes or similar, or construction of ramps or lifts or protective structures for engine removal and reinstallation.

Incidental travel costs including tolls, meals, lodging, and similar.

Service outlet costs incurred in solving or attempting to solve non-warrantable problems.

Services performed by a party other than an authorized John Deere engine service dealer, unless required by law.

Charges by dealers for initial engine start-up and inspection, deemed unnecessary by John Deere when operation and maintenance instructions supplied with the engine are followed.

Costs of interpreting or translating services.

No Representations or Implied Warranty

Where permitted by law, neither John Deere nor any company affiliated with it makes any guaranties, warranties, conditions, representations or promises, express or implied, oral or written, as to the nonoccurrence of any defect or the quality or performance of its engines other than those set forth herein, and DOES NOT MAKE ANY IMPLIED WARRANTY OR CONDITIONS OF MERCHANTABILITY OR FITNESS otherwise provided for in the Uniform Commercial Code or required by any Sale of Goods Act or any other statute. This exclusion includes fundamental terms. In no event will a John Deere engine distributor or engine service dealer, John Deere equipment dealer, or John Deere or any company affiliated with John Deere be liable for incidental or consequential damages or injuries including, but not limited to, loss of profits, loss of crops, rental of substitute equipment or other commercial loss, damage to the equipment in which the engine is installed or for damage suffered by purchaser as a result of fundamental breaches of contract or breach of fundamental terms, unless such damages or injuries are caused by the gross negligence or intentional acts of the foregoing parties.

Remedy Limitation

The remedies set forth in this warranty are the purchaser's exclusive remedies in connection with the performance of, or any breach of guaranty, condition, or warranty in respect of new John Deere engines. In the event the above warranty fails to correct purchaser's performance problems caused by defects in workmanship and/or materials, purchaser's exclusive remedy shall be limited to payment by John Deere of actual damages in an amount not to exceed the cost of the engine.

No Seller's Warranty

No person or entity, other than John Deere, who sells the engine or product in which the engine has been installed makes any guaranty or warranty of its own on any engine warranted by John Deere unless it delivers to the purchaser a separate written guaranty certificate specifically guaranteeing the engine, in which case John Deere shall have no obligation to the purchaser. Neither original equipment manufacturers, engine or equipment distributors, engine or equipment dealers, nor any other person or entity, has any authority to make any representation or promise on behalf of John Deere or to modify the terms or limitations of this warranty in any way.

Additional Information

For additional information concerning the John Deere New Off-Highway Engine Warranty, see booklet *Engine Owner's Warranty – Worldwide*.

Medium duty trucks, including the C4500, are covered under a medium duty truck limited warranty. They are not included in the above coverages. See your dealer for details.

Warranty Coverage at a Glance††	Warranty Limitations (Time or Mileage, Whichever Comes First)		Percent of Dealer's Repair Charge Paid By Owner	
	Time	Vehicle Miles	Parts	Labor
Basic Coverage (except where specified below)	2 Years	Unlimited	No Charge	No Charge
Optional Basic Coverage Warranty for C4500 & C5500	3 Years	36,000	No Charge	No Charge
Vortec 8.1L Gas Engine	2 Years	Unlimited	No Charge	No Charge
DURAMAX 6600 Diesel Engine	5 Years	100,000	\$100.00 deductible per event after 36 months/36,000 miles	\$100.00 deductible per event after 36 months/36,000 miles
Isuzu 6HK1 ? TC 7.8L I6 Diesel Engine	3 Years	Unlimited	No Charge	No Charge
Caterpillar Diesel Engine (Caterpillar Warranty Applies)(1)	3 Years	150,000 or 3,600 Hours (1)	No Charge	No Charge for 2 Years
Allison 1000, 2200, 2300, 2500 RDS or HS Series (Allison)	3 Years	Unlimited	No Charge	No Charge

Warranty
Applies)(2)

**Allison 1000,
2200 PTS
Series**

(Allison
Warranty
Applies)(2)

2 Years

100,000

No Charge

No Charge

**Allison 1000,
2200 MH
Series**

(Allison
Warranty
Applies)(2)

5 Years

200,000

No Charge

No Charge

**Allison 1000,
2200, 3000,
3500 EVS
Series**

(Allison
Warranty
Applies)(2)

5 Years

Unlimited

No Charge

No Charge

**Allison
Allison 3000,
3500 RDS or
HS Series, or
3000 MD
Series**

(Allison
Warranty
Applies)(2)

2 Years

Unlimited

No Charge

No Charge

**Manual
Transmission**

2 Years

Unlimited

No Charge

No Charge

Rear Axle

2 Years

Unlimited

No Charge

No Charge

**Frame Rails
& Cross
Members**

5 Years

Unlimited

No Charge

No Charge

**Cab
Corrosion
(Perforation)**

5 Years

Unlimited

No Charge

No Charge

**Emissions
(Gasoline
Engine)**

5 Years

50,000

No Charge

No Charge

Emissions

(Diesel Engine)	5 Years	100,000	No Charge	No Charge
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	Tire	Tire	Tire	Tire
Tires	Manufacturer	Manufacturer	Manufacturer	Manufacturer
	Warranty	Warranty	Warranty	Warranty
	Applies	Applies	Applies	Applies

* Manufacturer's Suggested Retail Price. Tax, title, license, dealer fees, and optional equipment extra.

†† The warranty coverage applies until the maximum time or mileage, whichever comes first. The warranty remains with the vehicle regardless of ownership.

(1) Towing for engine related failures, will be covered for only the first 12 months. See Caterpillar Owners Manual for details.

(2) See Allison Owners Manual for details.

Please note: The above warranty information is intended as an overview only for on-highway truck application. For complete detailed warranty coverage and eligibilities refer to your GM Warranty Booklet and individual component supplier warranty information.

This truck and chassis warranty applies to C4500, C5500, C6500, C7500, C8500 and C8500 Tandem 2003 medium duty truck applications.

An important note about alterations and warranties: Vocational bodies are supplied to GMC medium duty truck dealers by outside suppliers independent of GMC. Installations or alterations to the original equipment vehicle (or chassis) as distributed by General Motors are not covered by the General Motors New Vehicle Limited Warranty. The special body company assembler, equipment installer, or upfitter is solely responsible for warranties on the body or equipment and any alterations (or any effect of alterations) to any of the parts, components, systems, or assemblies installed by GM.® GMC is not responsible for the safety or quality of design features, materials, or workmanship of any alterations by any such supplier.

X6.5 WARRANTY AND SERVICE POLICY QUESTIONNAIRE

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH YOUR BID.

(If additional lines are needed, make copies of form.)

1. Define the terms of the standard warranty. If not offered, so state. (Attach copy)

2 years parts and labor on Sweeper unit and John Deere engine
5 year warranty on Step up gear box and fluid coupler
- Warranty Statements supplied -

2. Define warranty service to be performed at DOH facilities and warranty service to be performed at manufacturer's representative facility. List name and location of manufacturer's representative.

Warranty Service will be done at either a DOH facility or a
Logan Corporation facility
Joe Dinaldo Logan Corporation Clarksburg, WV

3. List locations for parts inventories that are within the State of West Virginia. Also, list availability levels, if known.

Logan Corporation, Charleston, WV
Logan Corporation, Clarksburg, WV

4. During the term of warranty, list the guarantee discount to manufacturer's published list price for parts that bidder will sell the parts to owner.

- A. Terms: Net 30 Manufacturer's published list price less: 0 % discount
- B. Terms: Net 60 Manufacturer's published list price less: 0 % discount
- C. Terms: Net 90 Manufacturer's published list price less: 0 % discount

5. During the term of warranty, will all manufacturers or engineering improvements be submitted to Division of Highways? X YES ___ NO

6. During the term of warranty, list the guaranteed rates charged for repair to the unit.

- A. Shop Rate \$ 72.00 per mechanic hour
- B. Travel Time Charge \$ 62.00 per mechanic hour
(Specify if one-way) ✓; port to port ✓
- C. Mileage Charge \$ 2.00 per vehicle mile
(Specify if one-way) ✓; port to port ✓
- D. Field Mechanic Rate \$ 81.00 per mechanic hour
- E. Specify period of time that prices are in effect: 1 year
- F. Surcharge for miscellaneous items: 6 %

X6.6 EVALUATION COMMITTEE REQUIREMENTS

Is all component specifications, product literature, component models provided for Evaluation Committee bid determination? YES NO

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? YES NO

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? YES NO

X6.7.2 Are all standard safety features that are required by Federal and State statutes of law included? YES NO

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.

SPECIFICATIONS - CAB AND CHASSIS

Manufacturer: ISUZU Model: FVR

X7.1 GVW Plate Rating: 33,000 Lbs.

X7.2 Cab to Axle dimensions: Distance from centerline of the rear axle to the rear of the sweeper without the wandering hose 121 inches

X7.3 Wheelbase: 152 inches

X7.4 Frame: Does the frame meet or exceed all Federal requirements for GVWR YES NO

X7.4.1 Frame steel: 80,000 psi

X7.5 Cab: Maximum visibility, forward line of sight from the chassis front bumper to the point on the ground visible to the operator 8 feet for an ASE 98th percentile size operator

- X7.5.1 Is steering full power with dual operator controls YES NO
- Does steering have two (2) independent steering columns connected by a cross shaft YES NO
- X7.5.2 Does interior of cab have acoustical insulation for low operating noise, automotive type trim, and center sweeper console YES NO
- X7.5.3 Is unit equipped with cruise control feature (fully electronic) YES NO
- X7.5.4 Cab door locks, both doors (with key only) YES NO
- X7.5.5 Dual sun visors YES NO
- X7.5.6 Does cab have auxiliary 12v power outlet YES NO
- X7.5.7 Seats: Dual air ride bostrom cloth covered seats fully adjustable YES NO
- X7.5.7.1 Seat belts: 3 point lap and shoulder type YES NO
- X7.5.8 Floor Mats: Rubber floor mats throughout cab area with non-absorbent backing under mats YES NO
- X7.5.9 Turn Signals: Manufacturers heavy duty, self cancelling type with hazard warning switch YES NO
- X7.5.10 AC, heater, and defroster: Fresh air type, heaviest duty YES NO
- X7.5.11 Does cab have full flow through ventilation for optional temperature control and operator comfort YES NO
- X7.5.12 Windshield wipers and washers: 2 speed with washer with intermittent feature at both driving positions YES NO
- Windshield washer reservoir capacity 2 gallon
- X7.5.13 Instruments: Manufacturers gauges both left and right operation with visual, audible, and programmable warning to inform driver when operating conditions are exceeded YES NO
- X7.5.13.1 Chassis left and right side operator instrument panel chassis OEM, full vision illuminated with tachometer, speedometer, odometer, trip odometer, fuel gauge, water temperature gauge, air pressure gauge, volt gauge, oil pressure, and transmission temperature gauges YES NO
- X7.5.13.2 Does engine instruments include warning light and chime for low oil pressure and high coolant temperature, low oil pressure and low air pressure to warn the operator of a potential problem before any damage to the engine occurs YES NO
- X7.5.13.2.1 Does console have left/right primary drivers switch YES NO

- X7.5.13.3 Does chassis engine have hourmeter YES NO
- X7.5.14 Rearview mirrors: Dual, west coast type, with 8 inch convex spot mirror for easy viewing of the side broom during sweeping, of rust resistant material and mounting brackets YES NO
- X7.5.14.1 Mirrors: Fender mounted stainless steel 8 inch convex mirrors provided to increase operator visibility YES NO
- X7.5.15 Glass: Manufacturers tinted safety glass; front side, and rear YES NO
- Does side glass have defogger YES NO
- X7.5.16 Radio: Manufacturers standard AM/FM stereo with seek and scan feature YES NO
- X7.5.17 Air conditioning: Manufacturers fresh air type heaviest duty YES NO
- X7.5.18 Front mudflaps are manufacturers standard for unit bid YES NO
- X7.5.19 Emergency triangle warning kit, with hold down stowed in the cab YES NO
- Manufacturer and Part No. Grote
- X7.5.20 Accessories included in the manufacturers standard cab but not addressed:
-
- X7.5.21 If you are successful vendor, will you provide WVDOH with complete list of all filters required for normal maintenance on unit YES NO
- X7.6 Engine:
- X7.6.1 Diesel engine: 215 HP @ 2200 RPM
- X7.6.2 Is engine equipped with a dual stage dry type air cleaner, spin on fuel filter, and full flow oil filter YES NO
- X7.6.3 In engine block heater: 1250 watt
- X7.6.4 A single exhaust pipe with muffler that meets all Federal noise abatement requirement YES NO
- Heat shield on vertical exhaust YES NO
- X7.7 Cooling System:
- X7.7.1 Cooling system is capable of maintaining engine temperature within the manufacturer's recommended range during continuous operation YES NO

- X7.7.2 Radiator fan is viscous drive type YES NO
- X7.7.3 The system is filled with Ethylene Glycol Pre-Charged SCA ^{Coolant} antifreeze rated to a -30°F minimum YES NO
- X7.8 Fuel Tanks:
- X7.8.1 Capacity: One (1) 50 gallon fuel tank shared by both engines and easily accessible without raising or shifting any components YES NO
- Inside cab fuel gauge supplied YES NO
- X7.9 Electrical System:
- X7.9.1 Type: 12-volt negative ground system with manufacturer's radio interference suppression YES NO
- X7.9.2 Batteries:
- X7.9.2.1 Are in an enclosed accessible environment for ease of service YES NO
- X7.9.2.2 Cold Crank Amps: 1500 AMPS
- X7.9.3 Alternator Capacity: 130 AMPS brushless with internal regulator YES NO
- X7.9.4 Lighting: Does it conform to the West Virginia Motor Vehicle Code YES NO
- X7.10 Transmission: Allison 2500 5 speed with overdrive YES NO
- X7.11 Rear Axle: Is it two (2) ~~8~~ speed with ratios of 5.29 to 5.86/7.21 to 8.17:1 for proper sweeping and transport speeds See Addendum # 3 YES NO
- X7.11.1 Rated Capacity: 21,000 Lbs.
- X7.11.2 Rear Spring Capacity: 23,000 Lbs. with multi leaf auxiliary springs YES NO
- X7.11.3 Rear axle differential, transmission, and front wheel lubrication reservoirs are filled with synthetic type lubrication and provided with magnetic drain plugs where applicable YES NO
- X7.11.4 Is unit equipped with manufacturers heavy duty rear shock absorbers YES NO
Are they required YES NO
- X7.12 Front Axle:
- X7.12.1 Capacity: 12,000 lbs. I beam type
- X7.12.2 Front spring capacity: 12,000 lbs.
- X7.12.3 Manufacturers heavy duty shock absorbers/and stabilizer bar YES NO

X7.13 Brakes:

X7.13.1 Type: Are they full air with manufacturers ABS through a 4 channel full vehicle wheel control system in compliance with the most current FMVSS requirements YES NO

X7.13.2 Compressor: 13.2 CFM

X7.13.3 Parking brake: Spring set, air release actuating rear axle service brakes YES NO
Instrument panel control YES NO

X7.13.4 Air dryer with heater: BW AD-9 (Yes)

X7.13.5 Manufacturers standard air tanks for service brakes; auxiliary tank for parking brake YES NO

X7.13.6 Low air pressure warning light and buzzer YES NO

X7.13.7 Do brakes meet or exceed all current Federal and State FMVSS requirements YES NO

X7.13.8 Brake dust covers installed on all wheels YES NO

X7.14 Tires and wheels for safety and allows emergency interchange of tires at a job site/front and rear (tires/rims) are interchangeable YES NO

X7.14.1 Wheel, front and rear: Accuride Accu-lite 50408
10 hole hub piloted steel disc type to accommodate specified tire size YES NO

X7.14.2 Tires:

X7.14.2.1 Front and Rear: 11R22.5G; 14 ply YES NO

Does the rear axle have dual tires for load capacity YES NO

X7.15 Other features considered as manufacturers standard equipment but not addressed:

X7.16 Paint: Manufacturers standard YES NO

X7.16.1 Will you furnish the Department a larger paint sample after award of contract if needed YES NO

X7.16.2 If required, will you measure adhesion by the criteria set forth in ASTM D3359-74 Method B YES NO

- X7.17 Does unit meet or exceed the "Occupational Safety and Health Act of 1970" and subsequent amendments YES NO
- X7.18 Does the unit meet the advertising guidelines YES NO
- X7.19 Preventive Maintenance and Operator's Training School:
- X7.19.1 Will manufacturer and/or dealer stage a thorough seminar on Preventive Maintenance and Operator Training YES NO
- X7.19.2 Will operating and service manuals, booklets and pamphlets explaining procedures be supplied YES NO
- X7.19.3 If you are successful vendor, will you conduct training of the completed unit YES NO
- Have you attached a copy of the proposed program with your bid YES NO

X8.0 SPECIFICATIONS OF SWEEPER MODULE

Does New Regenerative Air Street Sweeper have a 6 wheeled, truck chassis with dual diesel engines, sweeper controls and switches, 8.0 cubic yard hopper, automatic transmission, 220 gallon water tank, left and right side broom with variable down pressure controlled from cab

YES NO

Manufacturer: Allianz Sweeper Co. Model: RT655

X8.1 Water Tank:

X8.1.1 Tank capacity 250 gallon of water

X8.2 Sweeper Engine:

X8.2.1 Diesel - Is it a Tier 3 Emission compliant, 4 cylinder turbocharged, 276 CID YES NO

Manufacturer and Model: John Deere 4045T

X8.2.2 Horsepower: 115 HP @ 2500 RPM ; torque 291 lb ft @ 1400 RPM

X8.2.3 Is engine wet sleeved YES NO

X8.2.4 Does unit have element dry type air cleaner with restriction indicator YES no

X8.2.5 Engine coolant is Extended Life OAT with a protection to -30°F YES NO

X8.2.6 Does the sweeper engine drive the blower fan by a ~~heavy duty five (5) "V" groove power belt~~ See Addendum # 3 YES NO

X8.2.7 Is sweeper engine in an enclosure for sound attenuation, enclosure to include doors for access to serviceable items or tilt hopper YES no

X8.3 Blower:

X8.3.1 Blower is rated at 17,000 CFM by an independent test facility YES NO
Have you attached the documentation YES NO

X8.3.2 Operation speed of the fan 2800-3500 RPM

X8.3.3 Is blower of the closed or open face turbine type YES NO
Number of vans 9 diameter 31 3/8"

X8.3.4 Blower constructed of abrasion resistant steel YES NO

X8.3.5 Blower housing constructed of 10 gauge steel and lined with Linaflex or 3/8 inch corded rubber YES NO

Is part of the hopper YES NO

X8.3.6 Does blower housing have an inspection door (air exhaust opening) YES NO

X8.3.7 Is blower mounted and supported on both sides by heavy duty greasable bearing YES NO
Automatic greasing system

X8.3.8 Are bearings greasable from ground level without tilting the hopper YES NO
Automatic greasing system

X8.4 Pick Up Head:

X8.4.1 Is pick up head spring balanced YES NO

X8.4.2 Is pick up head all steel construction with upper and lower chambers YES NO

X8.4.3 Width: 93 inches

X8.4.4 High: 30 inches

X8.4.5 Total area: 2790 square inches

X8.4.6 Diameter pressure hose between blower outlet with pickup head 14 inch

Is transition hose urethane YES NO

X8.4.7 Diameter suction hose with quick disconnect 14 inch

40

X8.4.8 In cab electric operated pressure relief valve/vacuum enhancer/leaf bleeder for optimum leaf and light debris sweeping supplied on pressure side YES NO

X8.4.9 Is front and rear debris curtain removable without removing the pick up head from unit YES NO

X8.4.10 Sweeping Path:

X8.4.10.1 Pick up head only 93 inches

X8.4.10.2 One (1) side broom and pick up head 113 inches

X8.4.10.3 Two (2) side broom and pick up head 143 inches

X8.4.11 Is pick up head equipped with side mounted adjustable steel runners with carbide inserts YES NO
Width: 1.25 inches

X8.4.12 Is raise and lower of pick up head done hydraulically by a rocker switch on control panel inside the cab YES NO

X8.4.13 Is a center broom in the rear or front of pick up head supplied YES NO
And controlled by rocker switch in cab YES NO

X8.4.13.1 Is center broom hydraulic driven YES NO

X8.4.13.2 Center broom _____ inches long

X8.4.13.3 Center broom _____ inches in diameter

X8.5 Side Brooms:

X8.5.1 Right and left broom are of a free floating trailing arm design with inward motion safety to prevent damage when sweeping and encountering fixed obstacles YES NO

X8.5.2 Training arm is of parallelogram design YES NO

X8.5.3 Diameter of brooms 43 inches

X8.5.4 Are brooms hydraulically driven YES NO

X8.5.5 Are brooms pneumatically or hydraulically raised, lowered, and suspended YES NO

X8.5.6 Is broom down pressure pneumatically controlled from the cab by operator or automatic by load and speed sensing hydraulics

X8.5.7 Broom hydraulic motor drive 6045 in/lbs. of torque

See Addendum # 3

See Addendum

- X8.5.8 Side brooms have greaseless pivot pins and/or grease zero YES NO
- X8.5.9 Does transport hook hold side broom assemblies in storage position or hydraulic lock in system See Addendum # 3
- X8.5.10 Are rocker switches in cab used to control side broom YES NO
- X8.5.11 Is side broom retraction while sweeping to provide scrubbing action controlled from the operator seat YES NO
- X8.5.12 Does right broom tilt inward and outward from cab while sweeping by means of electrically controlled linear actuator YES NO
- X8.6 Hopper:
- X8.6.1 Volumetric capacity 8.5 cubic yards
- X8.6.2 Construction: 10 gauge steel sides, 3/16 inch floor
- X8.6.3 Is weight actuated full load indicator mounted in the cab on control panel YES NO
- X8.6.4 Dump angle 55 °
- X8.6.5 Dump angle achieved by use of 2 stage telescopic cylinder or dual hydraulic cylinders YES NO
- X8.6.6 Floor angle 0 °
- X8.6.7 Abrasion resistant "scoop" style steel deflector located at the suction inlet to direct material to the center of hopper YES NO
- X8.6.8 Hopper rear door hinged at the top of the door and opened by hydraulic cylinder YES NO
- X8.6.9 Hopper rear door opening 125 ° angle
- X8.6.10 Right hand side (passenger side) of hopper has hydraulic valve levers to operate hydraulic cylinder movement See Addendum # 3 YES NO
- X8.6.11 Hopper rear door has internal door prop YES NO
- X8.6.12 Hopper rear door has automatic lock mechanism for tight fit YES NO
- X8.6.13 Hopper rear door seal is water resistant reinforced YES NO
- X8.6.14 Are hopper screens hinged for easily cleaning and inspection YES NO
- X8.6.15 Total hopper screen area 2030 square inches

- X8.6.16 Hopper screen material 11 gauge steel
- X8.6.17 8 inch inside diameter by 10 foot long hydraulic wandering hose located at rear of unit for cleaning catch basins is provided YES NO
- X8.6.18 An 8 inch diameter by 4 foot long catch basin nozzle with water injection and quick clamp is provided YES NO
- An additional 8 inch diameter by 4 foot aluminum extension with quick clamps is provided YES NO
- X8.6.19 Is a push button finger tip hydraulic control on the nozzle handles to raise and lower nozzle provided See Addendum # 3 YES NO
- X8.6.20 Does rear auxiliary engine have throttle control YES NO
- X8.6.21 Is hopper hose heavy duty rubber YES NO
- X8.6.22 In addition to standard outside dumping controls, are in-cab controls provided YES NO
- X8.6.23 Does right side (curb side) of hopper have inspection door YES NO
- X8.6.24 For easy access to inspection door, is an additional step and rear handle mounted on rear bumper and right rear side of hopper provided or access doors on each side of hopper YES NO
- X8.6.25 Does rear of sweeper have bumper to protect against underride obstacles and designed as to not allow dumping debris on top of said bumper YES NO
- X8.6.26 Is there protection to the hopper against corrosion and wear and to facilitate the removal of debris when dumping provided YES NO
- X8.6.27 Have you used any bare steels including stainless steels YES NO
- X8.6.28 Does protection system provide protection such that the hopper will be warranted for life of sweeper YES NO
- Manufacturer of liner: Rhino liner or equal
- X8.7 Dust Separator:
- X8.7.1 Is dirt separation from the air stream accomplished by means of a labyrinth style dust separator installed at air return outlet of the hopper or a circular, cyclonic multi pass YES NO
- X8.7.2 Is separator designed as to not allow plugging with regular debris YES NO

- X8.7.3 Does dust separator have easy access for cleaning of the separator interior and inspection YES NO
- X8.7.4 Does dust separator have self opening door made of abrasion resistant steel to allow automatic discharge of debris when tilting hopper YES NO
- X8.8 Spray Water System:
- X8.8.1 Tank total capacity 250 gallons
- X8.8.2 Construction : Rotomold Plastic
- X8.8.3 Is tank removable type, sharing no common wall with hopper YES NO
- X8.8.4 Does tank not raise during hopper dumping YES NO
- X8.8.5 Fill hose 25ft with NST coupling with strainer is supplied YES NO
- X8.8.6 Is water level gauge control console mounted within the cab YES NO
- X8.8.7 Are water lines color coded YES NO
- X8.8.8 Is ball valve in filter inlet provided to prevent water loss while cleaning filter YES NO
- X8.8.9 Is filter easy to access and clean without tipping hopper YES NO
- X8.8.10 Is all water piping external to operator cab YES NO
- X8.8.11 3 spray nozzles at each side broom for dust control provided YES NO
- X8.8.12 Are spray nozzles mounted on pivoting brackets YES NO
- X8.8.13 Inside the pick up head has 5 easily removable water spray nozzles YES NO
- X8.8.14 Suction hose has 2 easily removable spray nozzles YES NO
- X8.8.15 Is water flow to pick up head, suction hose, side brooms by twp (2) electric 12 volt, diaphragm type pumps or electric roller pump, belt driven cat triplex
See Addendum # 3 YES NO
- X8.8.16 Diaphragm type pumps provide 10 GPM @ 50 PSI combined YES NO,
roller style Pump with up to psi YES NO or
Cat Triplex style pump with up to 1500 psi YES NO

- X8.8.17 Does each pump have two (2) flow rates controlled by the operator within cab
 _____ YES _____ NO
 OR
 Controlled with on/off switch and single flow rate YES _____ NO
- X8.8.18 Is an additional spray bar mounted under the front bumper with cab controls provided for extreme sweeping conditions
 YES _____ NO
- X8.8.19 Is water spray line to the center broom provided for increased dust suppression
 NO Center Broom Needed - Addendum #3 ~~_____ YES _____ NO~~
- X8.8.20 Is quick disconnect for high pressure wash down easily accessible on right side of sweeper
 YES _____ NO
- X8.9 Hydraulic System:
- X8.9.1 Hydraulic pump – gear driven YES _____ NO
- X8.9.2 Hydraulic pump output 9 GPM @ 2500 RPM
- X8.9.3 Reservoir capacity: 23 gallons
- X8.9.4 Does tank have exterior sight gauge YES _____ NO
- X8.9.5 Is reservoir located within the enclosed auxiliary engine compartment YES _____ NO
- X8.9.6 Do all hydraulic circuits have quick disconnect pressure check ports YES _____ NO
- X8.9.7 Are all high pressure fittings “o” ring face seal type or JIC type YES _____ NO
- X8.9.8 Are all hydraulic filters, air or fluid manufacturers standard YES _____ NO
- X8.9.9 Electric/hydraulic auxiliary pump supplied to raise/lower the hopper, open/close hopper rear door without running auxiliary engine YES _____ NO
- X8.10 Pneumatic System:
 Is it required YES _____ NO
- X8.10.1 Is a PR4 type pressure protector for the chassis air system provided to protect system when pressures drop below 85 PSI
 YES _____ NO
- X8.10.2 Do sweeper air components have separator air tank YES _____ NO
- X8.10.3 Are all pneumatic cylinders rated to 150 psi and have a separate rod seal and wiper to prevent contamination entering the cylinder
 YES _____ NO

- X8.10.4 Is each cylinder controlled by a single, two (2) position, solenoid valve mounted on a manifold with common input and exhaust YES NO
- X8.10.5 Is a poly carbonate bowl type filter used to filter out contamination of the air system YES NO
- X8.11 Electrical System:
- X8.11.1 Is sweeper electrical system separate of the chassis electrical system YES NO
- X8.11.2 Sweeper engine battery: number _____ CCA 12 volt battery _____ YES NO
or share with truck chassis YES NO
- X8.11.3 Sweeper engine alternator 120 amp
- X8.11.4 Does sweeper have OSHA approved back up alarm YES NO
- X8.11.5 Does sweeper lighting include rear identification lights, side broom, and rear clearance lights YES NO
- X8.11.6 Do sweeper warning lights include hopper up and hopper full load YES NO
- X8.11.7 Is sweeper wiring harnesses color coded and function stamped every six (6) inches YES NO
- X8.11.8 Are all electrical circuits protected by manual re-settable circuit breakers YES NO
- X8.11.9 Manufacturers recommended LED arrowboard rear mounted is provided YES NO
- X8.12 Controls:
- X8.12.1 All sweeper controls are mounted on a stationary central console that allows for use from either right or left positions YES NO
- X8.12.2 Controls include all sweep, spray water, and lighting functions YES NO
- X8.12.3 Are conventional rocker switches used to control sweep, spray water, and lighting functions YES NO
- X8.12.4 Are controls for auxiliary engine ignition and throttle, side broom down pressure, and manual reset circuit breakers located in the control console YES NO

X8.13 Instruments:

X8.13.1 Sweeper engine instruments:

- X8.13.1.1 Tachometer YES ___ NO
- X8.13.1.2 Hourmeter YES ___ NO
- X8.13.1.3 Oil pressure YES ___ NO
- X8.13.1.4 Fuel YES ___ NO
- X8.13.1.5 Voltage YES ___ NO
- X8.13.1.6 Coolant temperature YES ___ NO
- X8.13.1.7 Air intake restriction indicator YES ___ NO
- X8.13.1.8 Raised hopper indicator YES ___ NO
- X8.13.1.9 Full hopper indicator YES ___ NO

X8.14 Accessories:

- X8.14.1 A 2 1/2 lb. fire extinguisher is provided YES ___ NO
- X8.14.2 A hydrant wrench for fire hydrant to fill water is provided YES ___ NO
- X8.14.3 A rear mounted flood light with cab control is provided YES ___ NO
- X8.14.4 A sweep resume feature is provided YES ___ NO

Does it include automatic pickup of side brooms and pickup head and return to idle when sweep resume control is activated or when truck transmission is put in reverse, and return to previous sweeping positions when transmission is taken out of reverse or sweep resume control is returned to sweeping position YES ___ NO

RFQ No. 708EC012

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

DEFINITIONS:

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

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

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

LICENSING: 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 compliance with the requirements as stated.

Vendor's Name: Logan Corporation

Authorized Signature: Joseph M. Orsullo Date: 5/27/08



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

Request for Quotation

RFQ NUMBER
 708EC012

PAGE
 1

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

RFQ COPY

TYPE NAME/ADDRESS HERE

logan Corporation
 Rt 2 Box 924
 Clarksburg, WV 26301

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/02/2008				
BID OPENING DATE: 05/21/2008		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
BID OPENING DATE AND TIME CHANGED						
FROM: 05/07/08 AT 1:30 P.M.						
TO: 05/21/08 AT 1:30 P.M.						
NO OTHER CHANGES						
0001	1	EA		765-77		
AIR STREET SWEEPER						
***** THIS IS THE END OF RFQ 708EC012 ***** TOTAL:						\$192,000. ⁰⁰

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Joseph M. ...</i>	TELEPHONE 304-623-5670	DATE 5/27/08
TITLE Territory Mgr.	FEDIN 55-0219530	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
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.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

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

SIGNED BID TO:

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



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

Request for Quotation

RFQ NUMBER
708EC012

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1

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

VENDOR

*709035033 01 304-623-5670
 LOGAN CORPORATION
 ROUTE 2 BOX 924
 CLARKSBURG WV 26301

SHIP TO

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/15/2008				

BID OPENING DATE: 05/28/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 2		
				BID OPENING DATE AND TIME CHANGED		
				FROM: 05/21/08 AT 1:30 P.M.		
				TO: 05/28/08 AT 1:30 P.M.		
				NO OTHER CHANGES		
0001	1	EA		765-77		
				AIR STREET SWEEPER		
***** THIS IS THE END OF RFQ 708EC012 ***** TOTAL:						\$192,000.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>Joseph M. Arnold</i>	TELEPHONE 304-623-5670	DATE 5/27/2008
TITLE Territory Mgr.	FEIN 55-0219530	ADDRESS CHANGES TO BE NOTED ABOVE

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



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

Request for Quotation

RFO NUMBER
 708EC012

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 1

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

VENDOR

*709035033 01 304-623-5670
 LOGAN CORPORATION
 ROUTE 2 BOX 924
 CLARKSBURG WV 26301

SHIP TO

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/19/2008				

BID OPENING DATE: 05/28/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 3		
				CHANGES TO THE SPECIFICATIONS PER THE ATTACHED.		
				BID OPENING DATE REMAINS 05/28/08 AT 1:30 P.M.		
				NO OTHER CHANGES.		
0001	1	EA		765-77		
				AIR STREET SWEEPER		
***** THIS IS THE END OF RFO 708EC012 ***** TOTAL:						\$192,000 ⁰⁰

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Joseph M. Daulton* TELEPHONE: 304-623-5670 DATE: 5/27/2008

TITLE: Territory Mgr. FEIN: 55-0219530 ADDRESS CHANGES TO BE NOTED ABOVE

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

TRUCK MOUNTED REGENERATIVE AIR STREET SWEEPER

708EC012
ADDENDUM #3

(AFTER DISCUSSION WITH MANAGEMENT ON THE ISSUES OF CONCERN OF ALL FOUR (4) VENDORS PRESENT AT THE PREBID MEETING, ATTACHED IS THE ADDENDUM)

CHANGES TO SPECIFICATIONS:

LEAVE AS WRITTEN:

4.0 REPRESENTATIVE UNIT FOR TEST

FROM:

6.2 OPERATING AND SERVICE MANUALS AND PARTS LISTS
(LAST PARAGRAPH - LAST SENTENCE ONLY)

CD ROM is preferred in lieu of parts or service manuals

TO:

6.2 OPERATING AND SERVICE MANUALS AND PARTS LISTS
(LAST PARAGRAPH – LAST SENTENCE ONLY)

CD ROM for truck and sweeper is preferred in lieu of parts or service manuals

LEAVE AS WRITTEN:

6.5 WARRANTY AND SERVICE POLICY

FROM:

7.0 SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

SPECIFICATIONS – CAB AND CHASSIS

TO:

7.0 SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

SPECIFICATIONS – CAB AND CHASSIS (CAB OVER TRUCK DESIGN IS PREFERRED)

LEAVE AS WRITTEN:

7.2 Cab to Axle dimensions: The distance from centerline of the rear axle to the rear of the sweeper without the wandering hose shall not exceed 52 inches.

LEAVE AS WRITTEN:

7.4.1 Frame steel: 80,000 PSI minimum

LEAVE AS WRITTEN:

7.5 Cab: Maximum visibility, forward line of sight from the chassis front bumper to the point on the ground visible to the operator shall not exceed 14 feet for an ASE 98th percentile size operator.

LEAVE AS WRITTEN:

7.5.18 Front mudflaps to be manufacturers standard for unit bid.

FROM:

7.6 ENGINE:

TO:

7.6 ENGINE:
(FUTURE ENGINE EMISSION REQUIREMENTS CAN BE CHANGED WITH JUSTIFICATION)

LEAVE AS WRITTEN:

7.6.1 Diesel Engine: Shall be 175 HP minimum @ approximately 2200 RPM

LEAVE AS WRITTEN:

7.10 Transmission: Allison Series 2500 (or equal) 5-speed with overdrive

FROM:

7.11 Rear Axle: Shall be two (2) 8 speed with ratios of 5.29 to 5.86/7.21 to 8.17:1 for proper sweeping and transport speeds

TO:

7.11 Rear Axle: Shall be two (2) speed with ratios of 5.29 to 5.86/7.21 to 8.17:1 for proper sweeping and transport speeds

LEAVE AS WRITTEN:

7.11.4 Unit to be equipped with manufacturers heavy duty shock absorbers (if required).

LEAVE AS WRITTEN:

7.12.1 Capacity: 12,000 lbs. minimum I-beam type

LEAVE AS WRITTEN:

7.12.2 Front Spring Capacity: 12,000 lbs.

ADD:

7.20 Truck shall have temporary license and inspection sticker.

*LEAVE AS WRITTEN:***8.0 SPECIFICATIONS OF SWEEPER MODULE**

New Regenerative Air Street Sweeper having a 6-wheeled, truck chassis with dual diesel engines, sweeper controls and switches, 8.0 cubic yard hopper, automatic transmission, 220 gallon water tank, left and right side broom with variable down pressure controlled from the cab.

LEAVE AS WRITTEN:

8.2.2 Horsepower: Minimum 115 HP @ 2500 RPM, minimum torque 291 lb. ft. @ 1400 RPM

FROM:

8.2.6 Sweeper engine shall drive the blower fan by a heavy duty five (5) "V" groove power belt

TO:

8.2.6 Sweeper engine shall drive the blower fan by a heavy duty five (5) "V" groove power belt or by gear box drive

LEAVE AS WRITTEN:

8.2.7 Sweeper engine shall be in an enclosure for sound attenuation, enclosure to include doors for access to serviceable items or tilt hopper.

LEAVE AS WRITTEN:

8.3.3 Blower shall be of the closed or open face turbine type, minimum nine (9) vanes, 31 3/8 inch diameter

LEAVE AS WRITTEN:

8.3.4 Blower to be constructed of abrasion resistant steel.

LEAVE AS WRITTEN:

8.3.5 Blower housing to be constructed of 10 gauge steel and lined with Linafex or 3/8 inch corded rubber shall not be part of the hopper

LEAVE AS WRITTEN:

8.3.6 Blower housing shall have an inspection door (air exhaust opening).

LEAVE AS WRITTEN:

8.3.7 Blower to be mounted and supported on both sides by heavy duty greasable bearing.

LEAVE AS WRITTEN:

8.3.8 Bearings shall be greasable from ground level, without tilting the hopper.

FROM:

8.4.4 Minimum 30 inches high

TO:

8.4.4 Minimum 30 inches front to back

LEAVE AS WRITTEN:

8.4.8 In cab electric operated pressure relief valve/vacuum enhancer/leaf bleeder for optimum leaf and light debris sweeping, shall be supplied on pressure side.

FROM:

8.4.13 A center broom in the rear or front of the pick up head shall be supplied, to be controlled by rocker switch in cab

TO:

8.4.13 A center broom in the rear or front of the pick up head shall be supplied, to be controlled by rocker switch in cab unless gutter brooms move in from both sides to sweep directly in front of regan head.

FROM:

8.5.1 Right and left shall be a free floating trailing arm design with inward motion safety to prevent damage when sweeping and encountering fixed obstacles

TO:

8.5.1 Right and left shall be a free floating trailing arm design for free floating forward facing digger style design to prevent damage when sweeping and encountering fixed obstacles

FROM:

8.5.9 Transport hook shall hold side broom assemblies in storage position or hydraulic lock in system

TO:

8.5.9 Transport hook shall hold side broom assemblies in storage position or hydraulic lock in system or pneumatic lock system

FROM:

8.5.12 Right side broom shall tilt inward and outward from cab while sweeping by means of electrically controlled linear actuator

TO:

8.5.12 Right side broom shall tilt inward and outward from cab while sweeping by means of electrically controlled linear actuator or by means of a hydraulic cylinder

LEAVE AS WRITTEN:

8.6.4 Dump angle minimum 50°

LEAVE AS WRITTEN:

8.6.5 Dump angle shall be achieved by use of 2 stage telescopic cylinder or dual hydraulic cylinders

LEAVE AS WRITTEN:

8.6.7 Abrasion resistant "scoop" style steel deflector shall be located at the suction inlet to direct material to the center of hopper.

LEAVE AS WRITTEN:

8.6.9 Hopper rear door opening minimum 90° angle

FROM:

8.6.10 Right hand side (passenger side) of hopper shall have hydraulic valve levers to operate hydraulic cylinder movement

TO:

8.6.10 Right hand side (passenger side) or left hand side of hopper shall have hydraulic valve levers or switches to operate hydraulic cylinder movement

FROM:

8.6.11 Hopper rear door must have internal door prop

TO:

8.6.11 Hopper rear door must have internal or external door prop

LEAVE AS WRITTEN:

8.6.18 An eight (8) inch diameter by four (4) foot long catch basin nozzle with water injection and quick clamp shall be provided. An additional eight (8) inch diameter by four (4) foot aluminum extension with quick clamps shall be provided.

FROM:

8.6.19 Push button finger tip hydraulic control on the nozzle handles to raise and lower nozzle to be supplied

TO:

8.6.19 Push button finger tip hydraulic or pneumatic control on the nozzle handles to raise and lower nozzle to be supplied

FROM:

8.6.21 Hopper hose must be heavy duty rubber (Plastic hoses not acceptable)

TO:

8.6.21 Hopper hose must be woven heavy duty rubber minimum .375 inches thick (Plastic hoses not acceptable)

LEAVE AS WRITTEN:

8.6.23 Right side (curb side) of hopper shall have inspection door

LEAVE AS WRITTEN:

8.6.25 Rear of sweeper must have bumper to protect against underride obstacles and shall be designed as to not allow dumping debris on top of said bumper.

LEAVE AS WRITTEN:

8.6.27 Bare steels including stainless steels are not acceptable

FROM:

8.6.28 Protection system shall provide protection such that the hopper will be warranted for life of sweeper. The liner shall be Life Liner or approved equal.

TO:

8.6.28 Protection system shall provide protection such that the hopper will be warranted for life of sweeper. The liner shall be Life Liner or Rhino Hard Liner with written lifetime warranty or approved equal.

LEAVE AS WRITTEN:

8.7.4 Dust separator to have self opening door made of abrasion resistant steel to allow automatic discharge of debris when tilting hopper.

LEAVE AS WRITTEN:

8.8.7 Water lines must be color coded

LEAVE AS WRITTEN:

8.8.11 Minimum three (3) spray nozzles at each side broom for dust control to be provided.

LEAVE AS WRITTEN:

8.8.13 Inside the pick up head shall have minimum five (5) easily removable water spray nozzles.

LEAVE AS WRITTEN:

8.8.14 Suction hose must have minimum two (2) easily removable spray nozzles

FROM:

8.8.15 Water flow to pick up head, suction hose, side brooms shall be by two (2) electric 12 volt, diaphragm type pumps or electric roller pump, belt driven cat triplex.

TO:

8.8.15 Diaphragm or roller style pump must be provided for standard dust suppression.

DELETE:

8.8.16 Diaphragm type pumps must provide minimum six (6) GPM @ 30 PSI combined, roller style pump with up to 100 psi, or Cat Triplex style pump with up to 55 psi

LEAVE AS WRITTEN:

8.8.18 An additional spray bar mounted under the front bumper with cab controls shall be provided for extreme sweeping conditions.

LEAVE AS WRITTEN:

8.8.19 Water spray line to the center broom shall be provided for increased dust suppression.

DELETE:

8.8.20 Quick disconnect for high pressure wash down must be easily accessible on right side of sweeper

LEAVE AS WRITTEN:

8.9.5 Reservoir should be located within the enclosed auxiliary engine compartment.

FROM:

8.10.2 Sweeper air components shall have separator air tank

TO:

8.10.2 Sweeper air components shall have separator air tank (if needed)

LEAVE AS WRITTEN:

8.11.7 Sweeper wiring harnesses must be color coded and function stamped every six (6) inches

LEAVE AS WRITTEN:

8.11.9 Manufacturers recommended LED arrowboard rear mounted to be provided

LEAVE AS WRITTEN:

8.12.4 Controls for auxiliary engine ignition and throttle, side broom down pressure, and manual reset circuit breakers shall be located in the control console.

FROM:

8.14.4 A sweep resume feature must be provided. It must include automatic pickup of side brooms and pickup head and return to idle when sweep resume control is activated or when truck transmission is put in reverse, and return to previous sweeping positions when transmission is taken out of reverse or sweep resume control is returned to sweeping position.

TO:

8.14.4 A sweep resume feature must be provided. It must include automatic pickup of side brooms and pickup head and return to idle when sweep resume control is activated or when truck transmission is put in reverse, and return to previous sweeping positions when transmission is taken out of reverse or sweep resume control is returned to sweeping position or sweeps in reverse vacuum head with automatic pick up of side brooms when truck is placed in reverse.

ADD:

8.14.5 Mounted tool box for tool storage a minimum 16 inches wide x 8 inches tall x 16 inches deep, lockable tool box, mounted curb side for safety.

TRUCK MOUNTED REGENERATIVE AIR STREET SWEEPER

708EC012
ADDENDUM #3

(AFTER DISCUSSION WITH MANAGEMENT ON THE ISSUES OF CONCERN OF ALL FOUR (4) VENDORS PRESENT AT THE PREBID MEETING, ATTACHED IS THE ADDENDUM)

CHANGES TO BIDDER'S EVALUATION REPORT:

ADD:

X4.0 REPRESENTATIVE UNIT FOR TEST

Will you provide one (1) completed representative unit to be observed and evaluated on each order to insure compliance with specification YES NO

ADD:

X6.2 OPERATING AND SERVICE MANUALS AND PARTS LISTS
(LAST PARAGRAPH - LAST SENTENCE ONLY)

Will a CD Rom for truck and sweeper be furnished in lieu of parts or service manuals YES NO

LEAVE AS WRITTEN:

X6.5 WARRANTY AND SERVICE POLICY

Will the warranty and service you provide comply with all areas as stated in Section 6.5 of specifications YES NO

Is warranty literature attached? YES NO

Is a minimum two (2) year bumper to bumper basic parts and labor warranty included? YES NO

Describe: See attached warranty information

FROM:

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.

SPECIFICATIONS – CAB AND CHASSIS

Manufacturer: _____ Model: _____

TO:

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.

SPECIFICATIONS – CAB AND CHASSIS

Manufacturer: Isuzu Model: FVR

Is it the cab over truck design YES NO

LEAVE AS WRITTEN:

X7.2 Cab to Axle Dimensions: Distance from centerline of the rear axle to the rear of the sweeper without the wander hose 121 inches

LEAVE AS WRITTEN:

X7.4.1 Frame steel: 80,000 psi

LEAVE AS WRITTEN:

X7.5 Cab: Maximum visibility, forward line of sight from the chassis front bumper to the point on the ground visible to the operator 8 feet for an ASE 98th percentile size operator

LEAVE AS WRITTEN:

X7.5.18 Front mudflaps are manufacturers standard for unit bid YES NO

FROM:

X7.6 Engine:

TO:

X7.6 Engine:

Will you supply justification for changes to future engine emission requirements

YES NO

LEAVE AS WRITTEN:

X7.6.1 Diesel engine: 215 HP @ 2200 RPM

LEAVE AS WRITTEN:

X7.10 Transmission: Allison 2500 5 speed with overdrive YES NO

FROM:

X7.11 Rear Axle: Is it two (2) 8 speed with ratios of 5.29 to 5.86/7.21 to 8.17:1 for proper sweeping and transport speeds YES NO

TO:

X7.11 Rear Axle: Is it two (2) speed with ratios of 5.29 to 5.86/7.21 to 8.17:1 for proper sweeping and transport speeds YES NO

LEAVE AS WRITTEN:

X7.11.4 Is unit equipped with manufacturers heavy duty rear shock absorbers YES NO
Are they required YES NO

LEAVE AS WRITTEN:

X7.12.1 Capacity: 12,000 lbs. I beam type

LEAVE AS WRITTEN:

X7.12.2 Front spring capacity: 12,000 lbs.

ADD:

X7.20 Will you furnish temporary license and inspection sticker YES NO

LEAVE AS WRITTEN:

X8.0 SPECIFICATIONS OF SWEEPER MODULE

Does New Regenerative Air Street Sweeper have a 6 wheeled, truck chassis with dual diesel engines, sweeper controls and switches, 8.0 cubic yard hopper, automatic transmission, 220 gallon water tank, left and right side broom with variable down pressure controlled from cab YES NO

Manufacturer: Allianz Sweeper Co. Model: RT655

LEAVE AS WRITTEN:

X8.2.2 Horsepower: 115 HP @ 2500 RPM; torque 291 lb. ft @ 1400 RPM

FROM:

X8.2.6 Does the sweeper engine drive the blower fan by a heavy duty five (5) "V" groove power belt YES NO

TO:

X8.2.6 Does the sweeper engine drive the blower fan by a heavy duty five (5) "V" groove power belt YES NO or by gearbox drive YES NO

LEAVE AS WRITTEN:

X8.2.7 Is sweeper engine in an enclosure for sound attenuation, enclosure to include doors for access to serviceable items or tilt hopper YES NO

LEAVE AS WRITTEN:

X8.3.3 Is blower of the closed or open face turbine type YES NO

Number of vanes 9 diameter 31 3/8"

LEAVE AS WRITTEN:

X8.3.4 Blower constructed of abrasion resistant steel YES NO

LEAVE AS WRITTEN:

X8.3.5 Blower housing constructed of 10 gauge steel and lined with Linafex or 3/8 inch corded rubber YES NO

Is part of the hopper YES NO

LEAVE AS WRITTEN:

X8.3.6 Does blower housing have an inspection door (air exhaust opening) YES NO

LEAVE AS WRITTEN:

X8.3.7 Is blower mounted and supported on both sides by heavy duty greasable bearing YES NO
Automatic greasing system

LEAVE AS WRITTEN:

X8.3.8 Are bearings greasable from ground level without tilting the hopper YES NO
Automatic greasing system

FROM:

X8.4.4 High: _____ inches

TO:

X8.4.4 Front to back: 30 inches

LEAVE AS WRITTEN:

X8.4.8 In cab electric operated pressure relief valve/vacuum enhancer/leaf bleeder for optimum leaf and light debris sweeping supplied on pressure side YES NO

FROM:

X8.4.13 Is a center broom in the rear or front of pick up head supplied _____ YES _____ NO

And controlled by rocker switch in cab _____ YES _____ NO

TO:

X8.4.13 Is a center broom in the rear or front of pick up head supplied _____ YES _____ NO

And controlled by rocker switch in cab _____ YES _____ NO

Unless gutter brooms move in from both sides to sweep directly in front of regan head _____ YES _____ NO

*Our machine does not need
a center broom.*

FROM:

X8.5.1 Right and left broom are of a free floating trailing arm design with inward motion safety to prevent damage when sweeping and encountering fixed obstacles _____ YES _____ NO

TO:

X8.5.1 Right and left broom are of a free floating trailing arm design for free floating forward facing digger style design to prevent damage when sweeping and encountering fixed obstacles YES _____ NO

FROM:

X8.5.9 Does transport hook hold side broom assemblies in storage position _____ or hydraulic lock in system _____

TO:

X8.5.9 Does transport hook hold side broom assemblies in storage position _____ or Hydraulic lock in system _____ or pneumatic lock system

FROM:

X8.5.12 Does right broom tilt inward and outward from cab while sweeping by means of electrically controlled linear actuator _____ YES _____ NO

TO:

X8.5.12 Does right broom tilt inward and outward from cab while sweeping by means of electrically controlled linear actuator YES _____ NO or by means of a hydraulic cylinder _____ YES _____ NO

LEAVE AS WRITTEN:

X8.6.4 Dump angle 55 °

LEAVE AS WRITTEN:

X8.6.5 Dump angle achieved by use of 2 stage telescopic cylinder or dual hydraulic cylinders YES _____ NO

LEAVE AS WRITTEN:

X8.6.7 Abrasion resistant "scoop" style steel deflector located at the suction inlet to direct material to the center of hopper YES _____ NO

LEAVE AS WRITTEN:

X8.6.9 Hopper rear door opening 125 ° angle

FROM:

X8.6.10 Right hand side (passenger side) of hopper has hydraulic valve levers to operate hydraulic cylinder movement _____ YES _____ NO

TO:

X8.6.10 Right hand side (passenger side) YES _____ NO OR
left hand side _____ YES _____ NO
of hopper has hydraulic valve levers YES _____ NO OR
switches _____ YES _____ NO
to operate hydraulic cylinder movement YES _____ NO

FROM:

X8.6.11 Hopper rear door has internal door prop _____ YES _____ NO

TO:

X8.6.11 Hopper rear door has internal or external door prop _____

LEAVE AS WRITTEN:

X8.6.18 An 8 inch diameter by 4 foot long catch basin nozzle with water injection and quick clamp is provided YES NO

An additional 8 inch diameter by 4 foot aluminum extension with quick clamps is provided YES NO

FROM:

X8.6.19 Is a push button finger tip hydraulic control on the nozzle handles to raise and lower nozzle provided YES NO

TO:

X8.6.19 Is a push button finger tip hydraulic or pneumatic control on the nozzle handles to raise and lower nozzle to be supplied YES NO

FROM:

X8.6.21 Is hopper hose heavy duty rubber YES NO

TO:

X8.6.21 Is hopper hose woven heavy duty rubber YES NO

Thickness: .315 inches

LEAVE AS WRITTEN:

X8.6.23 Does right side (curb side) of hopper have inspection door YES NO

LEAVE AS WRITTEN:

X8.6.25 Does rear of sweeper have bumper to protect against underride obstacles and designed as to not allow dumping debris on top of said bumper YES NO

LEAVE AS WRITTEN:

X8.6.27 Have you used any bare steels including stainless steels YES NO

NO CHANGED REQUIRED:

X8.6.28 Does protection system provide protection such that the hopper will be warranted for life of sweeper YES NO

Manufacturer of liner: Rhino liner or equal

LEAVE AS WRITTEN:

X8.7.4 Does dust separator have self opening door made of abrasion resistant steel to allow automatic discharge of debris when tilting hopper YES NO

LEAVE AS WRITTEN:

X8.8.7 Are water lines color coded YES NO

LEAVE AS WRITTEN:

X8.8.11 3 spray nozzles at each side broom for dust control provided YES NO

LEAVE AS WRITTEN:

X8.8.13 Inside the pick up head has 5 easily removable water spray nozzles YES NO

LEAVE AS WRITTEN:

X8.8.14 Suction hose had 2 easily removable spray nozzles YES NO

FROM:

X8.8.15 Is water flow to pick up head, suction hose, side brooms by two (2) electric 12 volt, diaphragm type pumps or electric roller pump, belt driven cat triplex YES NO

TO:

X8.8.15 Is diaphragm or roller style pump provided for standard dust suppression YES NO

DELETE:

X8.8.16 Diaphragm type pumps provide ___ GPM@ ___ PSI combined ___ YES ___ NO
 Roller style pump with up to ___ psi ___ YES ___ NO or
 Cat Triplex style pump with up to ___ PSI ___ YES ___ NO

LEAVE AS WRITTEN:

X8.8.18 Is an additional spray bar mounted under the front bumper with cab controls provided for extreme sweeping conditions YES NO

LEAVE AS WRITTEN:

X8.8.19 Is water spray line to the center broom provided for increased dust suppression

No Center Broom Needed ~~YES NO~~

DELETE:

X8.8.20 Is quick disconnect for high pressure wash down easily accessible on right side of sweeper YES NO

LEAVE AS WRITTEN:

X8.9.5 Is reservoir located within the enclosed auxiliary engine compartment

YES NO

FROM:

X8.10.2 Do sweeper air components have separator air tank YES NO

TO:

X8.10.2 Do sweeper air components have separator air tank YES NO
Is it needed YES NO

LEAVE AS WRITTEN:

X8.11.7 Is sweeper wiring harnesses color coded and function stamped every six (6) inches YES NO

LEAVE AS WRITTEN:

X8.11.9 Manufacturers recommended LED arrowboard rear mounted is provided

YES NO

LEAVE AS WRITTEN:

X8.12.4 Are controls for auxiliary engine ignition and throttle, side broom down pressure, and manual reset circuit breakers located in the control console

YES NO

FROM:

X8.14.4 A sweep resume feature is provided YES NO

Does it include automatic pickup of side brooms and pickup head and return to idle when sweep resume control is activated or when truck transmission is put in reverse, and return to previous sweeping positions when transmission is taken out of reverse or sweep resume control is returned to sweeping position

YES NO

TO:

X8.14.4 A sweep resume feature is provided YES NO

Does it include automatic pickup of side brooms and pickup head and return to idle when sweep resume control is activated or when truck transmission is put in reverse, and return to previous sweeping positions when transmission is taken out of reverse or sweep resume control is returned to sweeping position or sweeps in reverse vacuum head with automatic pick up of side brooms when truck is placed in reverse

YES NO

ADD:

X8.14.5 Mounted tool box for tool storage 18 inches wide x 24 inches tall x

36 inches deep, lockable tool box, mounted curb side for safety

YES NO