



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

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

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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 RFQ 708EC012 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	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

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 Linaflex 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:

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: _____ Model: _____

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 _____ inches

LEAVE AS WRITTEN:

X7.4.1 Frame steel: _____ 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 _____ 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: _____ HP @ _____ RPM

LEAVE AS WRITTEN:

X7.10 Transmission: _____ 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: _____ lbs. I beam type

LEAVE AS WRITTEN:

X7.12.2 Front spring capacity: _____ 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: _____ Model: _____

LEAVE AS WRITTEN:

X8.2.2 Horsepower: _____ HP @ _____ RPM; torque _____ lb. ft @ _____ 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 _____ diameter _____

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

LEAVE AS WRITTEN:

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

FROM:

X8.4.4 High: _____ inches

TO:

X8.4.4 Front to back: _____ 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

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 _____ °

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 _____ ° 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 _____ inch diameter by _____ foot long catch basin nozzle with water injection and quick clamp is provided _____ YES _____ NO

An additional _____ inch diameter by _____ 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: _____ 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: _____

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 _____ spray nozzles at each side broom for dust control provided YES NO

LEAVE AS WRITTEN:

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

LEAVE AS WRITTEN:

X8.8.14 Suction hose had _____ 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 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 _____ inches wide x _____ inches tall x

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

_____ YES _____ NO