



# West Virginia Purchasing Division

2019 Washington Street, East  
Charleston, WV 25305  
Telephone: 304-558-2306  
General Fax: 304-558-6026  
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

## Header

List View

- General Information**
- Contact
- Default Values
- Discount
- Document Information

Procurement Folder: 95330

SO Doc Code: CRFQ

Procurement Type: Central Master Agreement

SO Dept: 0803

Vendor ID: VS0000005600

SO Doc ID: DOT1500000092

Legal Name: Diamond Mowers Inc

Published Date: 6/2/15

Alias/DBA:

Close Date: 6/3/15

Total Bid: \$8,154,221.60

Close Time: 13:30

Response Date: 06/03/2015

Status: Closed

Response Time: 11:29

Solicitation Description:

Total of Header Attachments: 0

Total of All Attachments: 0



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

**State of West Virginia  
 Solicitation Response**

**Proc Folder :** 95330

**Solicitation Description :** ADDENDUM 2 CLASS 131 - 2 WHEEL DRIVE TRACTOR

**Proc Type :** Central Master Agreement

Date issued	Solicitation Closes	Solicitation No	Version
	2015-06-03 13:30:00	SR 0803 ESR05281500000004062	1

**VENDOR**

VS0000005600  
 Diamond Mowers Inc

**FOR INFORMATION CONTACT THE BUYER**

Crystal Rink  
 (304) 558-2402  
 crystal.g.rink@wv.gov

**Signature X** **FEIN #** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	CLASS 131-2 WHEEL DRIVE TRACTOR	80.00000	EA	\$101,927.77	\$8,154,221.60

Comm Code	Manufacturer	Specification	Model #
21100000			

<b>Extended Description :</b>	CLASS 131 - 2 WHEEL DRIVE TRACTOR WITH MID MOUNTED ARTICULATED BOOM MOWER AND 60" SIDE MOUNTED ROTARY GRASS DECK
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Pricing Page

Item	Estimated Quantity	Unit Price
Two wheel drive tractor with boom mower	80	\$ 101,927.77

Vendor should also supply the year, make, and model of the following:

2 wheel drive tractor with boom mower

John Deere 6105M Tractor with a Diamond Mowers Boom Mower and Sic

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Grand Total	
\$	8,154,221.60

de Rotary Mower



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
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State of West Virginia  
 Request for Quotation  
 13 – Equipment

Proc Folder: 95330

Doc Description: ADDENDUM 2 CLASS 131 - 2 WHEEL DRIVE TRACTOR

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2015-06-02	2015-06-03 13:30:00	CRFQ 0803 DOT1500000092	4

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Name, Address and Telephone Number:

Diamond Mowers Inc  
 27134 S. Parklane Drive  
 Sioux Falls, SD 57106  
 (605) 368-5865

**FOR INFORMATION CONTACT THE BUYER**

Crystal Rink  
 (304) 558-2402  
 crystal.g.rink@wv.gov

Signature X

FEIN # 46-0457129

DATE June 2, 2015

All offers subject to all terms and conditions contained in this solicitation

INVOICE TO		SHIP TO	
DIVISION OF HIGHWAYS EQUIPMENT DIVISION RT 33 83 BRUSHY FORK RD CROSSING BUCKHANNON WV26201 US		DIVISION OF HIGHWAYS EQUIPMENT DIVISION 33 BRUSHY FORK RD CROSSING BUCKHANNON WV 26201 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	CLASS 131-2 WHEEL DRIVE TRACTOR	80.00000	EA		

Comm Code	Manufacturer	Specification	Model #
21100000	John Deere 6110M, 2WD cab tractor with Diamond Mowers boom and side rotary attachment		

**Extended Description :**

CLASS 131 - 2 WHEEL DRIVE TRACTOR WITH MID MOUNTED ARTICULATED BOOM MOWER AND 60" SIDE MOUNTED ROTARY GRASS DECK



<b>DOT1500000092</b>	<b>Document Phase</b> Final	<b>Document Description</b> ADDENDUM 2 CLASS 131 - 2 WHEEL DRIVE TRACTOR	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

REQUEST FOR QUOTATION  
**2 WHEEL DRIVE TRACTOR W/MID MOUNTED ARTICULATED  
BOOM MOWER AND 60" SIDE MOUNTED ROTARY GRASS DECK**

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**SPECIFICATIONS**

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids On behalf of the West Virginia Division of Highways, Department of Transportation to establish an open-end contract for a Two (2) Wheel Drive Utility Tractor with Mid Mounted Articulated Boom Mower and 60" Side Mounted Rotary Grass Deck.
  
2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
  - 2.1 **"Contract Item" or "Contract Items"** means the list of items identified in Section 3, Subsection 1 below.
  - 2.2 **"Pricing Pages"** means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A, and used to evaluate the Solicitation responses.
  - 2.3 **"Solicitation"** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
  - 2.4 **"WVDOH"** means West Virginia Division of Highways.
  - 2.5 **"EPA"** means Environmental Protection Agency.
  - 2.6 **"PTO"** means Power Take Off.
  - 2.7 **"OSHA"** means Occupational Safety and Health Act.
  - 2.8 **"MPH"** means miles per hour.
  - 2.9 **"GPM"** means gallons per minute.
  - 2.10 **"PSI"** means pounds per square inch.
  - 2.11 **"ROPS"** means Roll-over Protection Structures.
  - 2.13 **"RPM"** means Revolutions per minute.
  - 2.14 **"CCA"** means cold cranking amps.

REQUEST FOR QUOTATION  
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BOOM MOWER AND 60" SIDE MOUNTED ROTARY GRASS DECK**

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**3. GENERAL REQUIREMENTS:**

**3.1 Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract items must meet or exceed the mandatory requirements as shown below.

**3.1.1 General** – 2 Wheel Drive Tractor general mandatory requirements.

3.1.1.1 Unit shall be 2 wheel drive.

3.1.1.2 Wheelbase shall be 80 inches minimum.

3.1.1.3 Tractor dry weight (without ballast): shall be 8,700 lbs. minimum.

3.1.1.4 All daily checks shall be done from ground level.

3.1.1.5 Vendor must certify that unit offered will meet or exceed the “Occupational Safety and Health Act of 1970” or subsequent changes that are in effect at the time of manufacture of the unit. Please see Exhibit C.

3.1.1.6 The unit specified herein and offered shall be manufactured on or after January 1, 2015 and will be clearly identified and marked with date of manufacture.

**3.1.2 Engine** – The following are mandatory requirements related to the tractor’s engine.

3.1.2.1 Engine shall be; Tier 4 Interim Compliant, minimum.

3.1.2.2 Shall have 80 PTO horsepower minimum.

3.1.2.3 Shall be Manufacturers standard water cooled, diesel powered engine.

3.1.2.4 Shall be Manufacturers standard governor with engine key shut off, wire sealed by Manufacturer.

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**3.1.3 Engine Lubrication System** – The following are mandatory requirements related to engine's lubrication system.

3.1.3.1 The engine shall have full pressure lubrication with oil filter and oil by pass system.

3.1.3.2 Shall have engine oil cooler

**3.1.4 Engine Cooling System** – The following are mandatory requirements related to the engine's cooling system.

3.1.4.1 Shall have manufacturer's largest cooling system offered.

3.1.4.2 Cooling system shall be equipped with a coolant recovery tank and sight glass.

3.1.4.3 Shall have engine air filtration system.

3.1.4.4 Dry type dual element (2 stage) air cleaner with self dumping valve shall be provided.

3.1.4.5 Unit shall have dash mounted air filter restriction indicator with light that is operator visible when service is required.

**3.1.5 Exhaust System** – The following are mandatory items related to the exhaust system.

3.1.5.1 The muffler shall be mounted in compliance with Tier 4 Interim standards and not interfere with the articulated boom mower and 60" side mounted rotary grass deck.

**3.1.6 Electrical System** – The following are mandatory items related to the electrical system.

3.1.6.1 Unit's electrical system shall be manufacturer's noise suppression wiring, and must have 12 volts negative ground.

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3.1.6.2 Neutral start switch (for safety purposes) shall be provided.

3.1.6.3 Shall have minimum 1200 cold cranking amp (CCA) battery.

3.1.6.4 OSHA approved back up alarm shall be provided on unit.

**3.1.7 Charging System** – The following are mandatory items related to the charging system.

3.1.7.1 Charging system shall be manufacturer heavy duty for model bid.

**3.1.8 Engine Fuel System** – The following are mandatory requirements related to the engine's fuel system.

3.1.8.1 If fuel tank is exposed, manufacturers skid plate must be provided.

3.1.8.2 Dual stage fuel filtering shall be provided.

3.1.8.3 Unit shall have a fuel water separator.

**3.1.9 Lighting** – The following are mandatory requirements related to the lights.

3.1.9.1 Unit shall have Class 1 LED amber beacon; mounted in rear by use of brackets.

3.1.9.2 Shall have two (2) high-low beam head light (halogen) with manufacturers heavy duty console mounted switch.

3.1.9.3 Shall have four (4) roof mounted work lights; two (2) front and two (2) rear.

3.1.9.4 Shall have fender mounted rear tail lights and turn signals. Lights shall be shock mounted.

3.1.9.5 Unit shall have seven (7) factory installed terminal out sockets to provide lighting for towed equipment.

3.1.9.6 Shall have four (4) roof mounted flashing warning lights; two (2) front and two (2) rear .

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3.1.9.7 Unit shall be provided with console and dome lighting.

**3.1.10 Unit Instrumentation** – The following are mandatory requirements related to the units instrument panel.

3.1.10.1 Unit Instrumentation shall include:

- A. Tachometer
- B. Speedometer
- C. Hour meter operable from engine operation not key switch
- D. Coolant temperature indicator with audible buzzer or warning light
- E. Oil pressure indicator with audible buzzer or warning light
- F. Hydraulic oil temperature indicator with audible buzzer or warning light, to warn operator when manufacturers recommended hydraulic oil temperature is exceeded.

**3.1.11 Clutch** - The following are mandatory requirements related to the clutch.

3.1.11.1 Clutch shall be wet type.

**3.1.12 Transmission** – The following are mandatory requirements related to the transmission's design and arrangement.

3.1.12.1 Shall have power shift design and must have a transmission that can be shifted on the go without using a clutch (within the speed gears).

3.1.12.2 Shall have transmission forward and reverser that can be shifted from forward to reverse without the use of a clutch and shifted on the go.

3.1.12.3 The unit shall have a minimum of 12 forward speeds and 12 reverse speeds.

3.1.12.4 Gear range selections requires clutch usage, but can be shifted while moving.

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**3.1.13 Differential** – The following are mandatory requirements related to the differential.

3.1.13.1 Differential shall be manufacturer's heavy duty.

3.1.13.2 Shall have manufacturer's differential lock engagement and disengagement capability and must be able to engage differential lock on the go.

**3.1.14 Front Axle** – The following are mandatory requirements related to the front axle.

3.1.14.1 Front axle shall be manufacturer's heavy duty for use with boom mounted mower.

3.1.14.2 Right side stabilizer for front axle shall be included.

**3.1.15 Rear Axle** – The following are mandatory requirements related to the rear axle.

3.1.15.1 The rear axle shall be heaviest duty available.

**3.1.16 Planetary Final Drives** – The following are mandatory requirements related to the tractor's planetary final drives.

3.1.16.1 Planetary final drives shall be in board type.

**3.1.17 Hydraulic System** – The following are mandatory requirements related to the tractor's hydraulic system.

3.1.17.1 Tractor hydraulic system shall provide sufficient pressure and flow to operate all tractor functions at peak efficiency.

3.1.17.2 Tractor shall have two (2) control valves with three (3) detent position and flow.

3.1.17.3 Shall have hydraulic hoses that can be coupled and uncoupled while under pressure.

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3.1.17.4 Tractor hydraulic system shall be separate from attachment hydraulic system.

3.1.17.5 Quick coupler attachments shall be furnished for both the boom mower and grass deck.

**3.1.18 Brakes** – The following are mandatory requirements related to the brakes.

3.1.18.1 Manufacturer's standard emergency braking system shall be provided.

3.1.18.2 Tractor shall have hydraulic actuated service brakes.

3.1.18.3 Tractor shall have wet-type disk brakes which must be both adjusting and equalizing.

**3.1.19 Tires** – The following are mandatory requirements related to the tires.

3.1.19.1 Manufacturer's standard size tires for unit bid.

A. Front Tires shall be F2 tread design

B. Rear Tires shall be R1W tread, design radial

**3.1.20 Three Point Hitch** – The following are mandatory requirements related to the hitch.

3.1.20.1 Hitch shall have external switch to control raising and lowering from rear of tractor for safety purposes.

3.1.20.2 Hitch lift capacity shall be 3,190 lbs. minimum at 24 inches behind lift point.

3.1.20.3 Hitch shall be electro-hydraulically operated.

3.1.20.4 Three point hitch shall be Category 2.

**3.1.21 Cab and Related Accessories** – The following are mandatory requirements related to the cab and accessories.

3.1.21.1 Cab shall be OSHA approved ROPS.



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- 3.1.21.2 Cab shall be mounted by the manufacturer, insulated and pressurized.
- 3.1.21.3 Cab shall have Lexan, or equal safety glass, tinted at all locations.
- 3.1.21.4 Cab unit shall be equipped with heater, defroster, and air conditioning and shall be installed by the manufacturer.
- 3.1.21.5 Cab shall have two (2) lockable entry doors keyed alike; one (1) left and one (1) right.
- 3.1.21.6 Seat shall be cloth covered type protected with scotch guard (or equal) and equipped with a seat belt.
- 3.1.21.7 Seat shall have a height and swivel adjustment.
- 3.1.21.8 Seat shall be equipped with adjustable arm rests.
- 3.1.21.9 Unit shall be equipped with a tilt/telescoping steering wheel.
- 3.1.21.10 Tool box shall be provided, weather resistant, lockable, and mounted for operator convenience.
- 3.1.21.11 Cab unit shall have front and rear windshield wipers and washers.
- 3.1.21.12 Left and right side view mirrors and in cab rear view mirror shall be provided.
- 3.1.21.13 Cab and tractor shall have a type of non-skid step (steps) and hand holds for safety purposes.
- 3.1.21.14 Unit shall be equipped with a first aid kit mounted inside of cab.
- 3.1.21.15 All features that are considered to be manufacturer's standard equipment that are not specifically addressed above shall be provided.
- 3.1.21.16 Unit shall be delivered to the WVDOH with all manufacturers recommended safety related decals and safety features intact.

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**3.1.22 PTO Requirements** – The following are mandatory requirements related to the PTO (power take off).

3.1.22.1 Tractor shall have a minimum of 540 PTO R.P.M.

3.1.22.2 PTO shall be able to be engaged and disengaged on the go.

**3.1.23 Advertisement** – The following are mandatory requirements related to advertising.

3.1.23.1 Manufacturer shall attach a metal plate on the unit stating manufacturer, serial number, or model number, etc. No decals or painted advertisement are permitted.

**3.1.24 Paint** – The following are mandatory items related to the color of unit.

3.1.24.1 The tractor shall be painted manufacturer's standard color.

**3.2 17 Foot Minimum Universal Mid-Mounted Articulated Hydraulic Powered Boom Mower** – The following are general mandatory requirements related to the above mower.

**3.2.1 General**

3.2.1.1 Mower shall have universal frame.

3.2.1.2 Vendor must certify that unit offered will meet or exceed the "Occupational Safety and Health Act of 1970" or subsequent changes that are in effect at the time of manufacture of the unit. See Exhibit C attached.

3.2.1.3 The unit specified herein and offered shall be manufactured on or after January 1, 2015 and will be clearly identified and marked with date of manufacture.

**3.2.2 Frame** – The following are mandatory items related to the frame.

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3.2.2.1 Frame shall be mid-mounted to underside of tractor utilizing a modular center weldment with attaching rails adequately secured to the front bolster and rear axle.

3.2.2.2 Unit shall be counterweighted to maintain the most possible ground pressure of tires on opposite side of mower during all reach out, up, and down operations of boom with specified head.

3.2.2.3 Frame shall accept 50" side mounted grass deck

**3.2.3 Hydraulic Reservoir** – The following are mandatory items related to the hydraulic reservoir.

3.2.3.1 Shall have Manufacturer's properly sized hydraulic oil reservoir that is capable to operate all mower functions including forward, backward, up, down, and rotary head.

3.2.3.2 Tank shall have a built-in oil level sight glass and thermometer.

3.2.3.3 Hydraulic filter shall be capable of providing suitable filtration for system.

3.2.3.4 Tank shall be equipped with a shut off valve for closing when changing filter or hoses and for draining of tank.

3.2.3.5 Unit shall be equipped with manufacturer's standard recommended hydraulic pump to run the mower head and a piggy back pump shall be gear or piston to operate all other mower functions. The mower and its control shall have their own independent hydraulic system.

3.2.3.6 Hydraulic GPM shall be manufacturer's standard specified to operate all mower functions at maximum efficiency.

3.2.3.7 All motor circuit hoses shall be a minimum of 1 inch diameter, four (4) wire braided.

3.2.3.8 Deck hoses shall be four (4) wire braid fitted with cordura sleeving for brush protection.

3.2.3.9 Mower controls shall be a five (5) section valve controlled through a single electronic joystick.

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3.2.3.10 Valve shall allow a minimum of four (4) functions simultaneously.

3.2.3.11 The swing, lift, and dipper sections shall have individual relief valves to give breakaway protection.

3.2.3.12 Mower cutter shall have a 6 second maximum emergency shutdown.

3.2.3.13 Mower head motor shall take 6 seconds minimum to wind up to full RPM for a "no-shock-load startup".

**3.2.4 Boom Rest** – The following are mandatory items related to the boom rest.

3.2.4.3 When in stow, tractor and mower shall be maximum 108 inches width, with 50 inch rotary mower, and 12 foot high maximum.

**3.2.5 Boom** – The following are mandatory items related to the boom.

3.2.5.1 Boom shall be two (2) piece design, with all hinge points of the arm and mast shall have minimum 2" diameter steel pins with greasable, replaceable steel bushings.

3.2.5.2 Pivot pins shall be a minimum of 2 inch diameter.

3.2.5.3 Inner boom shall be made of 6 inch x 6 inch x 3/8 inch steel tubing minimum, with a 50,000 lb. per square inch minimum yield strength.

3.2.5.4 Dipper boom shall be made of 5 inch x 5 inch x 3/8 inch steel tubing minimum, with a 50,000 lb. per square inch minimum yield strength.

3.2.5.5 All hinge points shall be T-1 steel reinforcement.

3.2.5.6 Boom swing from stow position shall be 140 degrees forward minimum.

3.2.5.7 Boom reach up shall be minimum 16' feet.

3.2.5.8 Boom reach out shall be minimum 16' feet from tractor centerline to outside edge or cutting blade arc.

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3.2.6.9 Boom mower head shall be capable of mowing within inches of rear tractor tire allowing tractor to stay further out of traffic lane.

**3.2.6 Brush Head** – The following are mandatory items related to the brush head.

3.2.6.1 Cutting width shall be minimum 50 inches.

3.2.6.2 Top deck shall be A606 alloy steel 10 gauge or equal.

3.2.6.3 Side skirts shall be a minimum of 3/8 inch steel.

3.2.6.4 Top deck shall be reinforced with channel frame with a reinforced spindle mount plate.

3.2.6.5 Deck shall have replaceable bolts on full length skid shoes.

3.2.6.6 Spindle bearings shall be tapered roller type in a sealed housing, to support 4 1/2" minimum diameter spindle drive shaft.

3.2.6.7 Blade carrier shall be triple bar type with bottom bar being T-1 steel.

3.2.6.8 Blades shall be a minimum of 4 inch wide x 5/8 inch thick double edge tempered steel and full swing 360 degrees.

3.2.6.9 Blade bolts shall be minimum 1 1/8 inch x 3 heat treated, Grade 8 shoulder bolt with a castle nut and roll pin.

3.2.6.10 Hydraulic Motor shall be cast steel and shall be sized to match the hydraulic pump proposed by the mower manufacturer.

3.2.6.11 Brush head shall have a front safety shield, hydraulic actuated, center feed metal door operational from joystick control.

3.2.6.12 Cutter deck tilt rotation shall be 160 degrees minimum.

3.2.6.13 Rear shield shall be rubber/fabric material.

**3.2.7 Paint** – The following are mandatory items related to the color.

3.2.7.1 Mower shall be manufacturer's standard color.

**3.2.8 Advertising** – The following is a mandatory requirement related to advertising.

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3.2.8.1 Shall have only one (1) manufacturer name plate, which must include model number, may appear on exterior of unit. Logos created through the stamping or casting process of manufacturer are also acceptable. No decals or painted advertisement are permitted.

**3.2.9 Miscellaneous** – The following mandatory items are related to the mower.

3.2.9.1 Complete unit shall be delivered with all manufacturers' safety features intact.

3.2.9.2 Vendor must certify that unit offered will meet or exceed the "Occupational Safety and Health Act of 1970" or subsequent changes that are in effect at the time of manufacture of the unit. Please see Exhibit C.

3.2.9.3 The unit specified herein and offered shall be manufactured on or after January 1, 2015 and will be clearly identified and marked with date of manufacture.

**3.3 FULLY HYDRAULIC 60" SIDE MOUNTED ROTARY GRASS DECK** –  
The following are mandatory requirements pertaining to the above mower.

**3.3.1 General:**

3.3.1.1 Actual cutting width shall be 60" minimum.

3.3.1.2 Spindle drive shall be direct flexible coupler.

3.3.1.3 Cutting height shall be 1 ½" inches minimum to 7" inches maximum.

3.3.1.4 Cutter assembly shall be one piece formed dish type with one piece forged spindle assembly.

3.3.1.5 Shall have cutter disc, dish type ¾" x 3 x 7 ½" diameter minimum attached to spindle with six 5/8" grade 8 bolts minimum.

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3.3.1.6 Shall have two (2) cutter knives 14 x 3 x ½" minimum, full swinging heat treated knives.

3.3.1.7 Shall have skid shoes, replaceable full length inner and outer.

**3.3.2 Paint** – The following are mandatory items related to the color

3.3.2.1 Mower shall be manufacturer's standard paint color

**3.3.3 Advertising** – The following are mandatory requirements related to advertising.

3.3.3.1 Shall have only one (1) manufacturer name plate, which must include model number, may appear on exterior of unit. Logos created through the stamping or casting process of manufacturer are also acceptable. No decals or painted advertisement are permitted.

**3.3.4 Miscellaneous** – The following mandatory items are related to the mower.

3.3.4.1 Complete unit shall be delivered with all manufacturers' safety features intact.

3.3.4.2 Vendor must certify that unit offered will meet or exceed the "Occupational Safety and Health Act of 1970" or subsequent changes that are in effect at the time of manufacture of the unit. Please see Exhibit C.

3.3.4.3 The unit specified herein and offered shall be manufactured on or after January 1, 2015 and will be clearly identified and marked with date of manufacture.

#### **4. CONTRACT AWARD:**

**4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price on all Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.

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- 4.2 **Pricing Pages:** Vendor should complete the Pricing Pages (Exhibit A) by completing the Year, Make, Model, and inserting quoted unit price. Vendor should take estimated Quantity and multiply by unit price to get grand total. Vendor should complete the pricing pages in their entirety as failure to do so may result in Vendor's bids being disqualified.

The Pricing Page contains a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address:  
[Crystal.G.Rink @wv.gov](mailto:Crystal.G.Rink@wv.gov).

## **5. ORDERING AND PAYMENT:**

- 5.1 **Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written forms of communication. Vendor may, but is not required to accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.
- 5.2 **Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

## **6. DELIVERY AND RETURN:**

- 6.1 **Delivery Time:** Vendor shall deliver standard orders within **120** working days after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met. A completed pilot model for inspection must be provided within **90** working day(s)



REQUEST FOR QUOTATION  
**2 WHEEL DRIVE TRACTOR W/MID MOUNTED ARTICULATED  
BOOM MOWER AND 60" SIDE MOUNTED ROTARY GRASS DECK**

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after receipt of the purchase agreement by the successful vendor. Working day is defined as any week day, Monday thru Friday, excluding Federal and State Holidays. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

- 6.2 **Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

- 6.3 **Delivery Payment/Risk of Loss:** Standard order delivery shall be F.O.B. Destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

- 6.4 **Representative Unit for Test:** The successful vendor must (if specified) provide the DOH one (1) completed representative unit to be observed and evaluated on each order to insure compliance with specification. If requested, the time period for testing and evaluation shall be seven (7) working days following receipt of the unit. DOH will incur no obligation for deterioration of surfaces, finishes, seals, and mechanical or electrical parts on the unit resulting from operation and testing within the limits of these specifications; nor will DOH incur obligation for damage to the unit resulting from failure to meet specifications when due care and attention is given by DOH and testing is done within the limits of these specifications. Failure of the pilot unit to satisfactorily meet specifications as bid may be cause for cancellation of the purchase order, and return of the delivered unit along with all associated equipment to the vendor at the vendor's expense.

- 6.5 **Condition of Unit(s) Upon Delivery:** All units must arrive at the prescribed delivery point having been completely pre-serviced with oil, lubricants, and coolant. All prescribed precautions pertaining to first operations and break-in of the unit are to be posted conspicuously on the unit for ready observance by the operator.

- 6.6 **Delivery Point:** Delivery point of the completed representative unit will be the WVDOH, Equipment Division, Rt. 33 and Brushy Fork Road, Buckhannon, WV 26201.

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BOOM MOWER AND 60" SIDE MOUNTED ROTARY GRASS DECK**

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**7. MISCELLANEOUS:**

**7.1 No Substitutions:** Vendor shall supply only Contract Items submitted in Response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

**7.2 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.

**7.3 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

**Contract Manager:** Tim Kubista  
**Telephone Number:** 605-368-5865  
**Fax Number:** 605-498-1222  
**Email Address:** tkubista@diamondmowers.com

**7.4 Operating and Service Manuals and Parts Lists:** An operator's manual must be included with each unit upon delivery. A "line sheet" (if applicable) and the "Equipment Preventative Maintenance Questionnaire", (Exhibit "B") must be with pilot unit upon delivery, Attn: Marcia Lee. There must be 12 service/shop/maintenance manuals and 14 parts manuals; CD-ROM is preferred in lieu of parts manuals. Manuals shall be delivered upon completion of delivery of total units. Failure to do so will delay payment.

**7.5 Training:** Manufacturers and/or dealers will be required to stage a thorough seminar on the subjects of Preventative Maintenance, Operator, and Mechanic Training. In order to keep operators and mechanics updated, the successful vendor shall conduct training sessions covering the operation, maintenance, trouble

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shooting with each purchase order against this open end contract.  
Manufacturers and/or dealers shall be required to furnish the Training Academy with one (1) Operator's Manual to be shipped direct to

**WVDOH**  
Training Academy  
P.O. Box 610  
Buckhannon, West Virginia 26201

Prior to delivery of the pilot unit. Training seminar to be held at the WVDOT, Equipment Division, Buckhannon, WV.

- 7.6 **Preventative Maintenance & Operator Procedures:** Manufacturers and/or dealers will be required to submit to the Equipment Division, in addition to the operating and service manuals, booklets and pamphlets explaining the Preventative Maintenance and Operator Procedures to be used by the operators of this equipment, and must include such things as daily prestart inspection procedure, service schedule, and routine maintenance required, safety precautions, etc. The successful vendor shall furnish all training aids; i.e. videos, projectors as required in conducting the training.
- 7.7 **Warranty and Service Policy:** The unit must be accompanied upon delivery by the unit's manufacturers executed warranty and service policy.
- 7.8 **Unspecified Accessories & Features:** All parts, equipment, accessories, Material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, must be furnished with each unit and required to conform to strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry. All parts and accessories advertised and regularly supplied as standard shall be included, except those which would represent duplication of these specified and except those which, by specification, are not to be furnished. All standard safety features, required by Federal and State Law, shall be included.

**8. VENDOR DEFAULT:**

- 8.1 The following shall be considered a vendor default under this Contract.

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BOOM MOWER AND 60" SIDE MOUNTED ROTARY GRASS DECK**

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8.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.

8.1.2 Failure to comply with other specifications and requirements contained herein.

8.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

8.1.4 Failure to remedy deficient performance upon request.

**8.2** The following remedy shall be available to Agency upon default.

8.2.1 Immediate cancellation of the contract.

8.2.2 Immediate cancellation of one or more release orders issued under this Contract.

8.2.3 Any other remedies available in law or equity.

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**BOOM MOWER AND 60" SIDE MOUNTED ROTARY GRASS DECK**

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ADDENDUM ACKNOWLEDGEMENT FORM  
SOLICITATION NO.: CRFQ DOT150000092

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

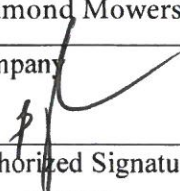
Addendum Numbers Received:  
(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3            | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further 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.

Diamond Mowers Inc.

\_\_\_\_\_  
Company

  
\_\_\_\_\_  
Authorized Signature

June 2, 2015

\_\_\_\_\_  
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

**CERTIFICATION AND SIGNATURE PAGE**

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Diamond Mowers Inc

\_\_\_\_\_  
(Company)

Bill Doyle, President

\_\_\_\_\_  
(Authorized Signature) (Representative Name, Title)

605-368-5865 605-498-1222 June 2, 2015

\_\_\_\_\_  
(Phone Number) (Fax Number) (Date)

**CERTIFICATION AND SIGNATURE PAGE**

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Diamond Mowers Inc

\_\_\_\_\_  
(Company)

Bill Doyle, President

\_\_\_\_\_  
(Authorized Signature) (Representative Name, Title)

605-368-5865 605-498-1222 June 2, 2015

\_\_\_\_\_  
(Phone Number) (Fax Number) (Date)



STATE OF WEST VIRGINIA  
Purchasing Division

# PURCHASING AFFIDAVIT

**MANDATE:** Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

**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.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"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 exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Diamond Mowers Inc

Authorized Signature: [Signature] Date: 6/2/15

State of South Dakota

County of Lincoln, to-wit:

Taken, subscribed, and sworn to before me this 2 day of June, 2015.

My Commission expires October 8, 2016.



NOTARY PUBLIC [Signature]

DEMAND BRILLIANCE.



# The Dx2 Mainframe

*Diamond Brilliance x2.*

We understand that when you invest in a new asset you want to get the most you possibly can out of that resource. Now, when you order a Diamond Boom Mower mainframe you can rig it to do two jobs—boom and side mowing. Our Dx2 Mainframe System is a breakthrough proprietary innovation giving you the ability to boom mow and side mow from the same platform. This not only makes your asset extraordinarily more valuable and productive, it also makes you look amazing.

That's what we do at Diamond.



## **HARD WORK AND HANDSHAKES**

Every Diamond product is created with decades of dedicated hands-on, Made-In-The-USA experience. For over 40 years now, we've been offering a face-to-face, handshake guarantee on every product we build.

*Demand Better. Demand Diamond.*



## Resourceful x2

This mainframe upgrade is an industry first. Our Dx2 technology allows you to get the very most out of your resources. The Dx2 turns a great boom mower into a remarkable multi-tasking mowing marvel.

Simply choose the Dx2 Mainframe when ordering a Diamond Boom Mower and you instantly have the option of adding a side attachment. It's a no-hassle no-brainer. Double up efficiency, double up savings and double up smart with Diamond's proprietary Dx2.

## The Highlights of Dx2 Innovation:

- Increases utilization of tractor
- Accepts side attachments with boom in stow
- Accepts side rotary or flail attachments
- Attachments changed in less than 30 minutes
- Hydraulic Actuator comes standard with Dx2:
  - Longer life compared to traditional horizontal swing cylinder
  - Fully enclosed
  - Fewer moving parts and easy to maintain
  - Stronger than traditional pivot pin
  - Break-away protection in both forward & reverse
  - 180° range of motion versus 110° with traditional swing cylinder

## TIER 4 TRACTOR MID-MOUNT AVAILABLE NOW

*Tier 4 tractors are a sign of the times and represent a major design change. Diamond has led the way in meeting the challenge by re-engineering our booms to mid-mount on Tier 4 tractors. We are the first to do so in the industry and today we can mid-mount on Tier 4 New Holland, John Deere, Massey Ferguson, Case and Challenger tractors. Don't be caught without a solution and on a wait-list when the Tier 3 tractors are gone. Diamond has your answer – and we can deliver now.*

## Dx2 – MULTI-FUNCTION. MULTI-TASK. MULTI-INNOVATIVE.

*Diamond has a way of making great gear and making great gear go further and do more. Dx2 is just another example of our long history of making work easier, safer and better.*

*We innovate, build and live in the USA.  
We work everywhere.*



## DIAMOND MOWERS

27134 S. Parklane Drive | Sioux Falls, SD 57106

Phone: 800.658.5561 • Fax: 605.498.1222

diamondmowers.com • info@diamondmowers.com

**BOOM MOWERS**



**EXTEND, EXPAND,  
EXCEED YOUR REACH.**



**RAISE  
LOWER  
ADJUST**

# **THE BOOM.**

*Diamond is a company built from the ground up with American values and a Midwestern work ethic. Our first priority is to provide you with the toughest, smartest, most reliable and safest equipment in the market. Diamond's Boom Mowers are just another example of how we create innovative tools to help you get the job done right. This versatile solution is great for tricky environments like ditches, guardrails, fences, and slopes - and it works extremely well on smaller trees and heavy-duty brush.*

**DEMAND THE BEST. DEMAND DIAMOND.**

*With the ability to choose the boom size and cutter head that fits your needs, Diamond's Boom Mowers are available in a variety of lengths and mowing heads.*



**SIDE-FOLD BOOMS**

Available in 19-ft, 21-ft and 23-ft lengths



**REAR CRADLE BOOMS**

Available in 22-ft, 23-ft, 25-ft, 28-ft and 30-ft



## MOWER HEADS



### 50" AND 60" ROTARY HEADS

- Cuts up to 8" diameter brush and trees
- Diamond's exclusive Reinforcing Ring for longer life in heavy duty brush
- Proprietary Tri-Hex mulching disc provides greater inertia in tough conditions – and is covered by an unprecedented 5-year warranty



### 44", 50" AND 63" FLAIL HEADS

- 44" and 50" cuts up to 6" diameter grass/brush
- 63" cuts up to 2" diameter grass/brush
- Protective bonnet for safer operation
- Ideal when a finished cut is desired



### DITCHER ATTACHMENT

- Ideal for ditches and culverts
- Equipped with hydraulic chute to direct exhausted material



### 48" SAW HEAD

- Delivers clean, finished cut
- Stand-alone head or saw blade can be used with a 50" Rotary head
- Replaceable Carbide teeth

All boom mowers come standard with a Lexan-made, shatterproof replacement window for the right-hand door, a tractor mainframe to mid-mount boom, and hydraulic components such as tank, line, pump, tubes and a control valve of your choice.

**Diamond can also mount our booms to all makes and models of Tier 4 tractors.**



## ROTARY MOWER HEAD

A rotary mower provides a faster cut for brush and trees leaving a rougher cut than the flail's finer finish. Although the rotary requires additional safety precautions, it can cost you less to operate over the long haul.



### 36" FORESTRY HEAD

- Cuts up to 18" diameter
- Very fast production (up to 10x faster than a rotary head)
- Cuts with both the perimeter and bottom surface
- Ability to mulch material
- Highly efficient, hardened steel, replaceable teeth

### DIAMOND MOWER HEAD SPECS:

Mower Head	Head Weight	Features
50" Rotary	831 lbs	Cuts up to 8" material
60" Rotary	965 lbs	Cuts up to 8" material
22" Ditcher	600 lbs	Includes three 3/8" thick replaceable knives
42" Flail	639 lbs	Cuts up to 2" material
44" Flail	950 lbs	Cuts up to 6" material
50" Flail	1,068 lbs	Cuts up to 6" material
63" Flail	753 lbs	Cuts up to 2" material
48" Saw	775 lbs	Cuts up to 10" material
36" Forestry	780 lbs	Cuts up to 18" material





### **DX2 MAINFRAME SYSTEM**

- Available on Rear Cradle Booms
- Accepts side attachments with boom in stow
- Standard on any cradle boom ordered with hydraulic actuator



### **BOOM KNUCKLE**

- Reduces transport width by stowing cutter head completely behind the tractor



### **4-FUNCTION PROPORTIONAL CONTROL JOYSTICK**

- Improved ergonomics
- Increased mowing speed in tough terrain because of shorter operator reaction time
- Decreased operator fatigue



### **MILLER LOADERS**

- [Available on many mid-mount booms]
- Easy on - easy off, simple attachment
  - Great for scooping sand or salt

#### **ADDITIONAL OPTIONS**

#### **5-FUNCTION CONTROL JOYSTICK**

- Provides additional control to the hydraulic trap door, 30-ft. telescopic boom or knuckle boom

#### **NON-PROPORTIONAL JOYSTICK**

- More intuitive than cables
- Quicker control
- Cost-effective

#### **OIL COOLER**

- For warmer environments or heavier loads

#### **FRONT, SIDE, OR FENDER HYDRAULIC TANK MOUNT**

#### **TRANSPORT LOCK**

- Keeps cutter head from settling when in the cradle

## BOOM OPTIONS AND UPGRADES



### HYDRAULIC ACTUATOR

- Longer life compared to a traditional horizontal swing cylinder
- Fully enclosed
- Fewer moving parts, easier to maintain
- Stronger than traditional pivot pin
- Break-away protection in both forward and reverse
- 180° range of motion versus 110° with traditional swing cylinder

### ADDITIONAL OPTIONS

#### AXLE STABILIZER

- Increases stability by eliminating oscillation on front axle
- Standard on booms 25-ft and longer, but can be added to shorter booms for operating on steep hillsides

#### HYDRAULIC TRAP DOORS

- Exposes blades to easily feed material into the cutter head
- Available for 50" and 60" rotary and 50" flail heads

#### GRILL GUARD

- To protect headlights from tree branches and debris

#### REAR CRADLE EXTENSION

- Allows cutter head to be placed out of the way of the 3-Point



## **PROUD TO BE AN AMERICAN COMPANY.**

*We have enormous pride in what we build, because we have enormous pride in how and where we build. Every Diamond product is loaded with decades of dedicated hands-on, Made-in-Sioux-Falls-SD experience. For over 40 years we've been offering a face-to-face, handshake guarantee on every product we construct.*



**DEMAND BRILLIANCE.**

*For more details, go to [DiamondMowers.com](http://DiamondMowers.com).*

**72-HOUR PARTS  
SHIPPING GUARANTEE**

**DIAMOND MOWERS**

27134 S. PARKLANE DRIVE  
SIOUX FALLS, SD 57106

**800-658-5561**

**100% SATISFACTION  
GUARANTEE**

★ GET IT, LOVE IT & LEAVE IT! ★