

**DESCRIPTION:**

South Delta Bulldozer

**SOLICITATION NUMBER:**

1464-18-R-IFBD-00013

**BID DUE DATE AND TIME:**

December 21, 2017 AT 2:00 P.M. local time  
The Mississippi Department of Wildlife,  
Fisheries and Parks will accept sealed bids until  
**2:00 p.m., December 21, 2017** to be opened  
immediately.

**Bid Opening Location:**

**MS Department of Wildlife, Fisheries and  
Parks  
Attn: Purchasing Department  
1505 Eastover Dr.  
Jackson, MS 39211-6374**

For questions regarding  
Specifications and General Terms  
and Conditions contact:

**Keith Harkins  
Office of Purchasing, Travel, &  
Asset Management  
(601) 432-2119  
KeithH@mdwfp.state.ms.us**

## **1.1 INTRODUCTION**

1.1.1 The Mississippi Department of Wildlife, Fisheries and Parks requests sealed bids for the purchase and delivery of new, 2017 or newer Crawler Dozer(s).

1.1.2 The initial purchase described by this Invitation to Bid shall be for new, current-year Crawler Dozer(s).

1.1.3 The agency reserves the right to define equals, reject any and/or all bids, or any part of any/all bids, and to waive any informality.

1.1.4 Awards will be made based on the lowest and best bid. It is the intent of the agency to purchase new, current-year Crawler Dozer(s). The Invitation to Bid consists of one (1) bid proposal form. Bidders must submit a completed bid proposal form. However, we reserve the right to award in the best interest of the Mississippi Department of Wildlife, Fisheries and Parks.

1.1.5 The bidder agrees to begin delivery within **60 days** of award. Failure to do so may result in cancellation of award. If cancellation of award occurs, new award will be made to the next lowest bidder meeting required specifications.

## **1.2 GENERAL SPECIFICATIONS**

1.2.1 The specifications set forth herein represent a minimum of required equipment and operational needs of the Mississippi Department of Wildlife, Fisheries and Parks. The bidder may propose options above and beyond these specifications that best suit MDWFP's interests as determined by the agency.

1.2.2 Please respond "Yes" or "No" to indicate compliance to the specifications for each listed criterion, and add comments as needed.

## **1.3 SUBMISSION REQUIREMENTS**

1.3.1 Bids may be submitted electronically. Please refer to the links below for the Vendor Registration website as well as tutorials. Please contact the MASH Help Desk (601-359- 1343) if you require any assistance.

Bid Submissions may be mailed to: Keith Harkins at 1505 Eastover Drive, Jackson, MS 39211. Please write the solicitation number, 1464-18-R-IFBD-00013, on the outside of the envelope. Bid responses received after the bid opening date and time will be returned unopened.

### **Terms and Conditions**

1. The Mississippi Department of Wildlife, Fisheries and Parks reserves the right to reject any and/or all bids, to waive any informality in bids, and unless otherwise specified by the bidders, to accept any items on the bid. If the bidders fail to state the time within bids must be

accepted, it is understood and agreed that the Mississippi Department of Wildlife, Fisheries and Parks shall have sixty (60) days to accept.

2. A written purchase order or contract award letter mailed or otherwise furnished to the successful bidder within the time of acceptance specified in the Invitation to Bid, results in a binding contract without further action by either party.
3. No bid shall be altered or amended after the specified time for opening bids.
4. Contracts and purchases will be made or entered into with the lowest, responsible bidder meeting specifications.
5. If purchase orders or contracts are canceled because of the awarded vendor's failure to perform or request for price increase, that vendor shall be removed from our bidders' list for a period of twenty-four (24) months.
6. Bid openings will be conducted open to the public. However, they will serve only to open bids. No discussion will be entered into with any vendor as to the quality or provisions of the specifications, and no award will be made either stated or implied at the bid opening. All bidders are invited and encouraged to attend the bid opening meeting to review the submitted bids. After the close of the bid opening meeting, the bids will be considered to be in the evaluation process and will not be available for review by bidders. Questions shall not be answered as a result of telephone inquiries.
7. Invoices are to be mailed to:

Accounts Payable  
Mississippi Department of Wildlife, Fisheries and Parks  
1505 Eastover Drive, First Floor  
Jackson, Mississippi 39211-6374

Payment will be made 45 days after receipt of merchandise and original invoice.

8. It shall be incumbent upon the bidders to understand the specifications. Any requests for clarifications shall be in writing and shall be submitted to our Purchasing Office at least five (5) days prior to the date and time set for the bid opening. Requests for clarifications and/or questions should be emailed to our Purchasing Office Email Address:  
[KeithH@mdwfp.state.ms.us](mailto:KeithH@mdwfp.state.ms.us)

9. Questions or problems arising from bid procedures or subsequent order and delivery procedures should be directed to:

Keith Harkins  
1505 Eastover Drive, First Floor  
Jackson, MS 39211  
Email address: KeithH@mdwfp.state.ms.us

10. The minimum specifications are used to set a standard and in no case are used with the intention to discriminate against any manufacturer. Bidders should note the name of the manufacturer and model number of the product they propose to furnish and **submit descriptive literature.**
11. Protests. Protest regarding this Invitation to Bid is governed by the Mississippi Procurement Manual, Section 6.

The manual may be viewed at  
<http://www.dfa.state.ms.us/Purchasing/ProcurementManual.html>

Pursuant to Section 6.101.02 and 6.101.03, Vendors must protest within seven (7) days after they know or should have known of the facts giving rise to the protest. Protests involving the Invitation to Bid and any of its contents should be made within seven (7) days of the posting of the Invitation to Bid. When all *Proposals* have been read, recorded and results posted, a Proposing Firm may choose to protest the award.

All protests must be made in writing to the Mississippi Department of Wildlife, Fisheries and Parks contact provided herein above (page 2), with copy to:

Chief Procurement Officer  
Woolfolk Building, Suite 701  
501 North West Street  
Jackson, Mississippi 39201

No protests will be considered later than seven (7) days following the posting of the INTENT TO AWARD notification.

The letter of protest should identify the Project, include what is being protested, why it is being protested, and be signed by the individual who is protesting.

12. E-Verify. Contractor/Seller represents and warrants that it will ensure its compliance with the Mississippi Employment Protection Act, Section 71-11-1, et seq of the Mississippi Code Annotated (Supp 2008), and will register and participate in the status verification system for all newly hired employees. The term "employee" as used herein means any person that is hired to perform work within the State of Mississippi. As used herein, "status verification system" means the illegal Immigration Reform and Immigration Responsibility Act of 1996 that is operated by the United States Department of Homeland Security, also known as the EVerify Program, or any other successor electronic verification system replacing the E-Verify Program. Contractor/Seller agrees to maintain records of such compliance and, upon

request of the State and approval of the Social Security Administration or Department of Homeland Security, where required, to provide a copy of each such verification to the State. Contractor/Seller further represents and warrants that any person assigned to perform services hereunder meets the employment eligibility requirements of all immigration laws of the State of Mississippi. Contractor/Seller understands and agrees that any breach of these warranties may subject Contractor/Seller to the following: (a) termination of this Agreement and ineligibility for any state or public contract in Mississippi for up to three (3) years, with notice of such cancellation/termination being made public, or (b) the loss of any license, permit certification or other document granted to Contractor/Seller by an agency, department or governmental entity for the right to do business in Mississippi for up to one (1) year, or (c) both. In the event of such termination/cancellation, Contractor/Seller would also be liable for any additional costs incurred by the State due to contract cancellation or loss of license or permit."

The State requires the Contractor to submit invoices electronically throughout the term of the agreement. Vendor invoices shall be submitted to the state agency using the processes and procedures identified by the State. Payments by state agencies using the Mississippi Accountability System for Government Information and Collaboration (MAGIC) shall be made and remittance information provided electronically as directed by the State. These payments shall be deposited into the bank account of the Contractor's choice. Contractor understands and agrees that the State is exempt from the payment of taxes. All payments shall be in United States currency.

13. If the agency is closed for any reason, including but not limited to: acts of God, strikes, lockouts, riots, acts of war, epidemics, governmental regulations superimposed after the fact, fire, earthquakes, floods, or other natural disasters (the "Force Majeure Events"), which closure prevents the opening of bids at the advertised date and time, all bids received shall be publicly opened and read aloud on the next business day that the agency shall be open and at the previously advertised time. The new date and time of the bid opening, as determined in accordance with this paragraph, shall not be advertised, and all Vendors/Contractors, upon submission of a bid proposal, shall be deemed to have knowledge of and shall have agreed to the provisions of this paragraph. Bids shall be received by the agency until the new date and time of the bid opening as set forth herein. The agency shall not be held responsible for the receipt of any bids for which the delivery was attempted and failed due to the closure of the agency as a result of a Force Majeure Event. Each Vendor/Contractor shall be required to ensure the delivery and receipt of its bid by the agency prior to the new date and time of the bid opening

**Specifications for One (1) or Two (2), New, Current-Year Crawler Dozer(s)**  
**(Must meet or exceed the following minimum specifications and requirements)**

**Compliance**

<b>Engine</b>		
yes___	no___	The crawler engine shall be Tier 4 Final emissions standard with at least 4 cylinders and turbocharger with air to air aftercooling.
yes___	no___	Engine horsepower will be a minimum SAE Net Rated of 127 hp (95 kW).
yes___	no___	Dozer engine shall have a programmable automatic engine shutdown system.
yes___	no___	Dozer shall have an automatic turbo cool-down system that protects the engine from damage.
yes___	no___	The fuel system shall have a fuel shut-off valve to prevent fuel loss during filter changes. The system shall have a water separator located between the fuel tank outlet and the fuel filters.
yes___	no___	Primary fuel-water separator includes a heating element to prevent freezing of separated water.
yes___	no___	Fuel system shall include an automatic electronic priming pump to eliminate manual priming.
yes___	no___	Air intake shall be pre-screened through perforated side shields.
<b>Cooling</b>		
yes___	no___	Unit shall have a proportionally controlled, hydraulically driven, swing-out or tilt-out radiator fan.
yes___	no___	The unit will have at least one hinged engine panel door for easy access.
yes___	no___	Unit shall have a coolant recovery tank provided.
yes___	no___	Unit shall have a fan-guard.
yes___	no___	The pressurized liquid cooling system shall have a water pump driven with an automatically adjusting belt. Radiator shall be filled with manufacturer's approved anti-freeze solution that provides protection to at least -34° F (-37° C).
<b>Electrical</b>		
yes___	no___	Batteries shall have a minimum capacity of 900 CCA. Electrical system must be 24 volts.
yes___	no___	Alternator shall be a minimum of 85 amps.
yes___	no___	The unit shall have a solid-state electrical power distribution system using circuit board technology and solid-state switches.
yes___	no___	Unit shall have a minimum of two front and two rear work lights and a lighted instrument panel.
yes___	no___	Sealed transmission electrical connectors.
yes___	no___	The unit shall be provided with a master electrical disconnect switch.
<b>Transmission</b>		

yes___	no___	Dual-path hydrostatic drive with infinite speed capability, dynamic braking, full-power turns and counter rotation is required. The dozer shall have minimum forward speed of 5.5 mph forward and reverse. Design must permit unrestricted speed and direction changes under full engine rpm and load.
yes___	no___	Transmission shall have the ability for the operator to easily adjust operating parameters such as: FNR shift rate, Steering rate, Steering Modulation, Decel pedal response and Reverse Ratio.
yes___	no___	A load sensing system that works to downshift and up shift automatically is required.
yes___	no___	In extreme cold weather the tractor shall include an automatic protection system to prevent over speeding the transmission until operating temperature is reached.
yes___	no___	Dozer shall have an automatic hill hold feature that automatically applies the parking brake when the transmission is in neutral and motion is detected. Parking must automatically be released upon shifting from neutral.
yes___	no___	The single pedal decelerator will allow the operator to choose between slowing travel speed and engine rpm or travel speed only to help maintain traction without affecting engine power and hydraulic response. Fully depressing the pedal applies the brakes.
yes___	no___	Transmission shall automatically derate if an extreme overheat condition is detected.
yes___	no___	A sight gauge shall be provided for checking the hydrostatic fluid.
yes___	no___	Transmission filter restriction shall be displayed in the cab.
yes___	no___	There shall be adequate filtration and cooling of the transmission system to support 2,000 hour oil and filter changes.
<b>Steering</b>		
yes___	no___	Hydrostatic drive is required for full power turns and counter rotation. Steering will have a single lever and shall be fully modulated at all speeds to provide smooth operation. Steering brakes shall be oil-cooled.
<b>Final Drive</b>		
yes___	no___	Triple reduction, double reduction, or planetary bull gear final drives must be isolated from the track frames.
<b>Hydraulic System</b>		
yes___	no___	There shall be adequate filtration and cooling of the hydraulic system to support 2,000 hour oil and filter changes.
yes___	no___	If equipped, the grade control interface shall be factory installed regardless of machine control supplier.
yes___	no___	All hoses shall be of an o-ring seal design to reduce leakage and facilitate repairs.
<b>Tracks and Undercarriage</b>		
yes___	no___	Minimum of seven track rollers per side with front and rear track guides and sprocket guards. Sealed and life-time lubricated rollers, idlers and track chain.
yes___	no___	Track must be designed to extend undercarriage life in abrasive working conditions. Undercarriage must be the maximum life system available from the bidder for the unit being bid.
yes___	no___	The track gauge shall be a minimum of 74 inches for an LGP machine.

yes ___	no ___	The track length on the ground shall be a minimum of 101 inches.
yes ___	no ___	Ground pressure not to exceed 5.2 psi for an LGP machine.
yes ___	no ___	The crawler will have a minimum grouser width of 28 inches and maximum width of 30 inches (LGP), closed center, single bar.
yes ___	no ___	The ground clearance with single-bar grouser shall be at least 15 inches (excluding grouser height).
yes ___	no ___	Smooth-surface track frame covers shall cover the full length of the track.
yes ___	no ___	Front and rear chain guides.
yes ___	no ___	Rock guards, full length.

### Dozer

yes ___	no ___	The dozer shall be a hydraulically actuated, inside mounted, all hydraulic blade (power-angle-tilt PAT). The blade hydraulic system shall provide raise, lower, tilt, angle and float. The blade capacity shall be a minimum -of 4.1 yd <sup>3</sup> for an LGP machine.
yes ___	no ___	The minimum blade height shall be 36 inches.
yes ___	no ___	The minimum blade width shall be 132 inches for an LGP machine.
yes ___	no ___	The dozer moldboard must be equipped with replaceable cutting edges.

### Operator's Station

yes ___	no ___	ROPS CAB and shall be compliant with OSHA/MSHA regulation and meet ROPS/FOPS criteria, and be isolation mounted for vibration reduction.
		Operators' station shall include air-conditioning and heat with air recirculation and fresh air filters.
yes ___	no ___	The footrests and full-length armrests shall be adjustable.
yes ___	no ___	The operator seat shall be cloth or vinyl, air suspension, comfort control with high back ride style and have adjustments for operator height and weight, and lumbar adjustment in the backrest.
yes ___	no ___	The operator station shall have an electronic monitor system with audible and visual warning for: low alternator voltage; engine oil pressure; engine coolant temperature; indicator; hydraulic oil filter restriction; transmission oil filter restriction; transmission oil temperature; engine air restriction indicator; fasten seat belt and park brake warning.
yes ___	no ___	Unit shall have dash mounted gauges and/or monitoring system that will include: transmission temperature, engine coolant temperature, engine oil pressure, transmission charge pressure, hydraulic filter restriction, transmission filter restriction, electric voltage, engine RPM, transmission speed range/direction and electric hour meter.
yes ___	no ___	Cab shall have cup holder. Personal cooler holder/storage compartment for operator's manual, and a rubber floor mat.
yes ___	no ___	The operator station shall have a padded headliner.
yes ___	no ___	The operator station shall have a standard rear-view mirror.
yes ___	no ___	The operator station shall have a rear-view camera system.

### General Specifications



yes___	no___	Periodic maintenance and lube chart shall be posted for easy reference to ensure that maintenance is performed according to schedule.
yes___	no___	Operating weight with standard equipment shall be no more than 31,500 lbs (LGP).
yes___	no___	The fuel tank shall have a capacity no less than 69 gallons and be equipped with a lockable cap.
<b>Additional Equipment</b>		
		Unit shall be equipped with all standard equipment and shall include:
yes___	no___	Horn.
yes___	no___	12 Volt power port.
yes___	no___	Cold weather starting aid.
yes___	no___	Dry-type air cleaner with safety element and restriction indicator.
yes___	no___	Reverse warning alarm.
yes___	no___	Heavy duty engine fuel water separator with heating element.
yes___	no___	Mounting steps and safety hand holds.
yes___	no___	Vandal protection providing lockable protection to all openable panels and fuel fill.
yes___	no___	Fuel tank guard, heavy duty.
yes___	no___	Front pull hooks or eyes on ends of blade.
yes___	no___	Full forestry package to include: limb risers, front screens, side screens, and rear screens. Screens will meet minimum specifications of 3/16-inch, grade 50 plate with reinforcement where needed.
yes___	no___	External mounted shovel holder.
yes___	no___	Drawbar, extended rigid, with pin and pin locking mechanism.
yes___	no___	One pair of auxiliary hydraulic disconnects mounted above drawbar and plumbed to an in-cab control.
<b>Warranty</b>		
yes___	no___	Crawler unit shall include, in the original purchase price, a 60 month/3,000-hour (to expire whichever comes first) comprehensive, total machine warranty.
<b>Maintenance</b>		
yes___	no___	Crawler unit shall include, in the original purchase price, a comprehensive service and preventative maintenance (PM) agreements for a minimum of 36 months or up to 2,000 hours. The winning bidder must perform any and all of the preventative maintenance for the duration of the maintenance agreement. Preventative maintenance shall include any and all manufacturer's maintenance recommendations and shall include all parts, fluids, fluid sampling, labor, and travel. Preventative maintenance shall be performed at the recommended time intervals as per the manufacturer's specifications. However, engine oil change interval shall be no more than every 500 hours. The dealer shall be responsible for performing PM in the field or hauling the unit to a designated area. Although the units will be delivered to specific sites when purchased, the crawler units will be operated at multiple locations throughout the state of Mississippi. The dealer shall provide, for a minimum of 60 months, a GPS remote equipment monitoring and management system which provides for monitoring and recording machine

		maintenance and operational data, remote diagnostics and programming capability, maintenance tracking, equipment use and equipment load data, fuel consumption data, diagnostic trouble code alerts, and dealer third party access.
<b>Literature</b>		
yes___	no___	One (1) complete paper set of operator's manual, service and parts catalog per unit.
<b>Other Requirements</b>		
yes___	no___	Crawler dozer(s) is to be delivered fully assembled and ready to operate within 60 days of issuance of the purchase order.
yes___	no___	Winning bidder must provide parts/warranty/service within 90-mile radius of Mayersville, Mississippi.
yes___	no___	Must provide on-site equipment orientation training at delivery locations.
<b>Delivery Location(s)</b>		
yes___	no___	Delivery of the unit will be to the following location: (1) Shipland Wildlife Management Area, Hwy 1 near Mayersville, MS. Delivery location for any other unit that may be purchased will be determined at a later date.

**BID PROPOSAL FORM 1**

Mississippi Department of Wildlife, Fisheries, and Parks  
Attention: Keith Harkins  
1505 Eastover Drive  
Jackson, MS 39211

Having examined the specifications for New, Current-Year Crawler Dozer(s). To be delivered to:  
Shipland Wildlife Management Area  
Hwy 1 near Mayersville, MS..

The undersigned proposes to furnish as per specifications for the prices shown below.

**Description**

New, Current-Year Crawler Dozer(s)

**Proposed Item Unit Cost**

\_\_\_\_\_ \$ \_\_\_\_\_

**The undersigned agrees to begin delivery within 60 days of award. Failure to do so may result in cancellation of award. If cancellation of award occurs, new award will be made to the next lowest bidder meeting required specifications.**

Print Name \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number \_\_\_\_\_

Fax Number \_\_\_\_\_

Email \_\_\_\_\_