

MINUTES OF THE AUGUST 7, 2017 MEETING OF THE
GRENADA COUNTY BOARD OF SUPERVISORS

AUTHORITY TO ADVERTISE
USDA RURAL DEVELOPMENT COMMUNITY FACILITIES GRANT
DISTRICT # 2

Chad Bridges made a motion, seconded by **Columbus Hankins** to approve the following advertisement:

"PUBLIC NOTICE TO EQUIPMENT DEALERS"

The Grenada County Board of Supervisors will receive and open bids for One or more New Backhoe Loader for Grenada County District # 2, at 10:00 A.M. September 5, 2017 in the Board Room in the Grenada County Courthouse as follows: specifications or equivalent.

Bidder's Instructions for the purchase of One or more New Equal Size Class Backhoe Loader for use in Grenada County.

The conditions and specifications listed are not intended to prohibit qualified vendors from submitting a bid on an equal or larger in size class model. The specifications related to operating weight and net flywheel horsepower describe a minimum acceptable size class to meet Grenada County requirements. A bidder shall include an attachment "Exceptions to Bid Conditions & Specifications" sheet listing any variations or exception to the conditions or technical (non size class) or operation feature specifications for the machine model offered. Bidders will be responsible for establishing equality and offering only its manufacturer's model that is equal to or larger in size class. Each non-size class exception must be listed on separate page titled Exceptions and will be evaluated and accepted or declined individually. Grenada County may refer to a manufacturer's internet site to confirm that the model being bid is the correct model that meets our minimum Horsepower and Operating weight requirements.

Specification for the Backhoe Loader may be obtained from:

Grenada Co. Chancery Clerk
59 Green Street Suite #1
Grenada MS 38901
662) 226-1821
jhayward@grenadacountymys.org

Purchases will be made from the best bidder. In determining the best bid, Grenada County may take into consideration documented auction resale value, local parts/service support, warranty, prior experience with make and dealer and any other relevant information when making this determination.

The Bidder shall satisfy Grenada County that he maintains a store within **100 miles** of the working location of the machine and staffed with factory trained service technicians and parts support. Successful Bidder must have provisions for storing and securing parts including from the manufacturer within a reasonable length of time.

Each bidder will state the manufacturer's standard comprehensive warranty. Additionally, each bidder will include a minimum Three-year or 3000-hour powertrain plus Hydraulic warranty in purchase price. **Bidders are required to provide a copy of Standard and Extended Warranty Statements showing coverage required. Warranty may be a consideration in determining the best bid.**

Prices shall include all delivery charges fully prepaid to Grenada County. Bidder must guarantee maximum delivery date in days. Delivery date may be one consideration in determining the final best bid.

Grenada County reserves the right to reject any and all bids and exceptions taken to minimum specifications.

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Grenada County will seek outside financing from all sources after bids are received. Machine Bidders shall state cash price to Grenada County and include contact information for its manufactures financing arm that offers municipal government terms

*Sealed Bids should be marked One or more New Backhoe Loader for Grenada County District # 2, Bid Opening 10:00 A.M. September 5, 2017 and contain all required bid information.

Bids may be withdrawn upon written notice received from the bidder prior to the time and date designated for the opening.

Bidder shall comply with all applicable bidding requirement of the Mississippi code of 1972, as amended.

*****BIDS MUST BE SIGNED.*****

This the 7th day of August, 2107
GRENADA COUNTY BOARD OF SUPERVISORS

/s/ Darrell Robinson

Darrell Robinson
President

Publish: August 11, 2017
August 15, 2017

A vote was called for with the following results:

Michael Lott	Yea
Chad Bridges	Yea
Christopher C. Hankins	Yea
Darrell Robinson	Yea
Chad Gray	Yea

The motion carried.

Cc: Grant Folder
Bookkeeping
GrenadaStar
MS Procurement

Specifications for a New Backhoe Loader

Engine

Bid machine shall have a four cylinder, turbocharged engine, isolation mounted that is designed and built by the manufacturer.

Engine shall be certified to EPA Final Tier 4 Emissions

Engine displacement shall be no less than 4.5 liters (276 cu in.)

Engine rated net peak power shall be no less than 99 hp at 2,200 rpm.

Daily check points shall be accessible from the right side of the engine and shall be done from ground level.

Engine shall have a serpentine belt with automatic belt tensioner reducing required maintenance.

Backhoe shall have a tilt hood for easy engine access.

Cooling

Engine coolant shall be rated -40 degrees F.

The backhoe shall be equipped with an oil-to-water engine oil cooler.

Unit shall have an electronically-controlled, variable rate suction type fan for reduced horsepower draw, reduced fuel consumption and quieter operation.

The bid machine shall have foldout, hinged cooling system that will allow for efficient clean out. The backhoe shall also have remote mounted transmission and hydraulic coolers that will offer better air exchange and fewer stacked cores.

Power Train

The transmission shall be a powershift with torque converter, clutch free, fully synchronized with a minimum of four forward, two reverse speeds.

The front axle shall be mechanical front wheel drive with electronic on/off controls.

The front axle shall be a traction control limited slip differential.

The front axle shall be sealed to protect against contamination.

The clutch engaged MFWD shall be able to be engaged on the fly during operation.

The machine shall automatically engage 4WD when brakes are applied for four wheel braking.

The rear axle shall have a differential lock, electric foot actuated as standard equipment.

Transmission oil cooler shall be provided at standard equipment

The backhoe shall have hydrostatic power steering with emergency steering.

The final drives shall be heavy duty outboard planetary distributing loads over three gears sealed in cooling oil bath for long life and trouble free service.

The front axle shall have a remote grease bank for ease of service.

The rear axle bearings shall be self lubricating and shall not need to be greased.

The service brakes shall be inboard, wet multiple disk, self adjusting, self equalizing and hydraulically actuated for a long and trouble free life, seal from water, mud and dust contamination.

The parking brake shall be independent of the service brakes, spring applied, hydraulically released, wet multiple disk, sealed from water, mud and dust contamination.

The parking brake shall automatically apply when engine is shut off.

The machine shall have 19.5x24 Rear Tires and 12.5/80-18 Front Tires.

Hydraulic System

The hydraulic fittings shall have "O" ring face seal connectors to secure a tight, leak free seal

The hydraulic pump shall produce a minimum of 36 gpm for the backhoe and a minimum of 28 gpm for the loader.

The hydraulic pump shall be a gear pump with an open center hydraulic system.

Electrical

The backhoe shall have a 12 volt electrical system.

A Single battery shall be included, 12 volt, 950 CCA, 190 min rated reserve

The starter shall have a bypass start safety cover.

The unit shall be equipped with four halogen front driving/working lights, four rear working lights and two side docking lights. All work lights shall be adjustable.

The unit shall be equipped with two front and two rear turn signal/flashing and two rear stop and tail lights with two rear reflectors.

Operator Station

The machine shall be equipped with an enclosed cab with air conditioning and heat. The cab shall have dual doors.

Access to the cab shall be from the right or left side with protected, wide, rigid, self-cleaning, slip resistant steps and ergonomically located hand holds.

Unit shall be equipped with illuminated electronic gauges with audible warning for: engine coolant temperature, oil temperature and fuel level.

The monitor system shall have audible and visual warnings for: engine air restriction, low alternator voltage, engine oil pressure, hydraulic oil filter restriction, parking brake on/off and low brake pressure.

The seat belt will have a visual warning.

The key start switch will have an electric fuel shut off.

Unit shall have a digital display for: engine rpm, engine hours and system voltage.

The foot throttle shall be suspended.

The machine shall have pilot backhoe controls with a control pattern changer. The control pattern shall be changed from the cab.

Unit shall have an AM/FM/WB Radio

General Specifications

Vandal protection shall cover the monitor, engine hood, tool box, hydraulic reservoir and the fuel tank shall be lockable.

An easy to read periodic maintenance and grease chart shall be posted at eye level prominently displayed on the frame.

The fuel tank capacity shall be no less than 40 gallons and shall be accessible from the ground.
The machine shall have an operating weight with standard equipment of at least 14,000 lbs.
Unit shall be equipped with a Telematics system that can provide fleet management, logistics and remote diagnostics capabilities, including remote reprogramming.

Backhoe

The machine shall be equipped with an extendable dipperstick
The maximum SAE digging depth with the dipperstick extended shall be no less than 18' 2".
The stabilizers will be equipped with anti-drift in both directions.
The stabilizers shall have reversible pads.
The backhoe boom design shall be a power curve for loading into the center of the truck bed.
The backhoe shall be equipped with a 24" Heavy Duty bucket with Teeth.
The backhoe shall have pilot backhoe controls with pattern changer.
The backhoe shall be equipped with a hydraulic thumb.

Loader

The unit shall have a minimum lift capacity to full height of 6200 lbs.
Dump clearance @ 45 degrees shall be no less than 8' 8".
Bucket break out force shall be no less than 9,700 lbs.
The loader shall have hydraulic self-leveling and bucket level indicator.
The loader shall have a non-removable, hinged loader boom service lock.
The loader will have a single control lever with electric clutch disconnect.
The loader shall have a minimum of a 1.00 cu yd Loader Bucket with a bolt on cutting edge.

Warranty

Bid machine shall have a minimum of 36 month 3000 hour Power Train plus Hydraulic warranty.