

**ADVERTISEMENT  
FOR THE USE AND BENEFIT OF  
NESHOPA COUNTY, MISSISSIPPI**

The NESHOPA COUNTY BOARD OF SUPERVISORS will receive competitive, sealed bids in the Office of the Chancery Clerk of Neshoba County, Mississippi in the Neshoba County Courthouse, 401 Beacon Street, Suite 107, Philadelphia, Mississippi 39350 until 11:00 a.m., on the 18<sup>th</sup> day of April, 2016 for the purposes of acquiring the following equipment and lease-purchase financing proposals on said equipment:

- a. One (1) or more, new, 2016 39,000 lb Excavator for the use and benefit of Neshoba County.
- b. Lease Purchase Financing proposals for the acquisition of the above described equipment.
- c. Option for Boom Mounted Mulcher Attachment.
- d. Option for Configuration of Excavator (Hydraulic System) for Boom Mounted Mulcher Attachment, less Attachment itself.

Detailed specifications for the above described equipment and lease-purchase financing terms and bid forms may be obtained from the Neshoba County Board of Supervisors office at the Neshoba County Courthouse, 401 Beacon Street, Suite 201, Philadelphia, Mississippi 39350, by calling 601-656-6281 or by Neshoba County's website at [www.neshobacounty.net](http://www.neshobacounty.net). Neshoba County, Mississippi will determine if compliance with the specifications exist before accepting any bid.

**INSTRUCTIONS TO BIDDERS:**

All bids shall be placed on the Neshoba County Bid Form and along with the detailed proposal be placed in a sealed envelope marked "April 2016 39,000# Excavator Bids" along with the date and time of bid opening, and filed with the Neshoba County Board of Supervisors C/O Chancery Clerk Guy Nowell, 401 Beacon Street, Suite 107, Philadelphia, Mississippi 39350. The proposals submitted for the lease-purchase financing of said vehicle(s) must be in compliance with the laws of the State of Mississippi. Neshoba County will not be responsible for opening of bids not properly marked.

It shall be incumbent upon each bidder to understand the specifications as listed herein and to obtain clarification when necessary. It is not the intent of these specifications to limit the bidding to any particular make or manufacturer of equipment or provider of services, but rather to select such equipment or services to provide for

specific needs and specific tasks. Any reference to name-brand materials or equipment is intended to establish the minimum necessary standards only and bids submitted on materials and equipment there to, at the sole discretion of Neshoba County, shall be considered.

Bidders may submit bids for the equipment only, the lease-purchasing financing only or both the equipment and lease-purchasing. If only one bid is received for lease purchase financing, the Neshoba County Board of Supervisors reserves the right to solicit and obtain at least one other written competitive bid to be in compliance with the requirements of the laws of the State of Mississippi.

Additionally, for the equipment solicited herein the vendor shall offer a guaranteed buy back provision for said equipment at the end of three (3), four (4) and five (5) year periods which will also be utilized in the determination of the lowest and best bid for said equipment.

Published by Order of the Board of Supervisors of Neshoba County, Mississippi on the 7<sup>th</sup> day of March, 2016.

/s/ GUY NOWELL  
GUY NOWELL, CLERK  
BOARD OF SUPERVISORS  
NESHOPA COUNTY, MISSISSIPPI

Publication dates: 3/16/2016 & 3/23/2016

## **INVITATION TO SUBMIT COMPETITIVE BIDS**

The Neshoba County Board of Supervisors is soliciting competitive, sealed bids from qualified vendors for the purchase of One (1) or more new, 2016 39,000 lb Excavator for the use and benefit of Neshoba County.. Neshoba County reserves the right to reject any and/or all bids. Neshoba County also reserves the right to accept the bid most advantageous to Neshoba County, Mississippi.

The attached specification defines the MINIMUM specifications for a new, 2016, 39,000 pound hydraulic excavator. All bids must equal in performance and quality to the following specifications, which are not intended to exclude any manufacturer. Any reference to manufacturer's make or series of equipment stated are intended only to establish an acceptable standard and are not intended to limit the bidding. It shall be incumbent upon each bidder to understand the specifications as listed herein and to obtain clarification when necessary. It is not the intent of the specifications to limit the bidding process to any particular make or manufacturer, but to set a minimum standard, fill a specific need and to perform a specific task. Any questions or clarifications in regard to this solicitation must be sent to Neshoba County Road Manager Eddie Posey in writing, up to 48 hours (two business days) of the Bid opening, by e-mail to [eposey@neshobacounty.net](mailto:eposey@neshobacounty.net) or Fax to 601-656-3343.

This invitation is extended to all qualified vendors/manufacturers that are specifically in the business of building heavy equipment for use in road and bridge construction and maintenance activities.

### **INSTRUCTIONS TO BIDDERS:**

The bid format shall include a complete and detailed proposal from the vendor along with answering the following specifications questionnaire with a positive (YES) or negative (NO) answer which will be included with all bids submitted. If the vendor answers negative or NO to the specification provided, the vendor shall explain in detail why the specification is not met by their proposed equipment and provide an explanation as to why they are proposing an exception to such specification. Vendors who propose a bid taking total or general exceptions will be considered non-responsive and the bid will be rejected at the sole discretion of Neshoba County, Mississippi.

## **SPECIFICATIONS FOR SOLICITATION**

GENERAL CONDITIONS:

PARTY IDENTIFICATION:

AGENCY: "Agency" is hereinafter defined as the customer. The customer is Neshoba County, Mississippi and the Neshoba County Road Department who has been charged with the responsibility of purchasing one or more hydraulic excavators.

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

BIDDER: "Bidder" is hereinafter defined as the equipment manufacturer and/or its authorized dealer/representative. The bidder is an assigned representative who is authorized to commit to a contract with the "Agency".

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

VENDOR: "Vendor" is synonymous with "Bidder".

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

NOTICE TO BIDDERS: Bidders shall thoroughly examine any specifications, schedule, instructions and any other documents supplied as part of this invitation to bid.

Bidders shall make all investigations necessary to thoroughly inform themselves regarding the content of the written specifications and instructions supplied herein. No pleas of ignorance by the bidder pertaining to the content of the specifications, schedule or instructions will be considered by the agency once the deadline for bid submission has occurred. Failure or omission on the part of the bidder to make the necessary examinations and investigations into the content of the specifications AND make all clarifications or explanations of exceptions and conditions that exist or that may exist hereafter shall NOT be accepted as a basis for making variations to the requirements of the agency or compensation to the bidder.

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

CLARIFICATIONS: Clarifications shall be written correspondence between the bidder, the agency and all other qualified bidders. A Clarification shall include the paragraph number, page number, the text with unclear content (as written in the specification) and the definition of the clarification requested. Verbal clarifications shall be documented in writing and distributed to all other qualified bidders at least two business days prior to the deadline for bid submission.

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

EXPLANATION OF EXCEPTIONS: Bidders may take exceptions to any part of the bid contained herein with a written itemized schedule. The schedule shall include the paragraph number(s), the text that the bidder feels he can not comply with an explanation why the bidder feels that the requirement is not in the best interest of the agency and/or an alternate bidder solution. Alternate bidder solutions may be considered by the agency, if the bidder can show the agency that the alternate solution is, in quality and quantity, equal to OR better than the specified item. This agency will share the exception/alternate solution with all other Qualified Bidders. Explanation of exceptions shall be documented in writing at least two business days prior to the deadline for bid submission.

Bidder Complies exactly as written YES\_\_\_\_\_ NO\_\_\_\_\_

CORE DESIGN INTENT: The core design intent of the specifications supplied herein is to purchase heavy equipment with the highest level of engineering excellence. The "Core Design" intent of this vehicle shall be centered on providing specific equipment to the Neshoba County Road Department to perform a specific task.

Bidder Complies exactly as written YES\_\_\_\_\_ NO\_\_\_\_\_

OPTIONS: There are two options for this solicitation – option "c" and option "d" which shall not be included in the base bid price for the excavator solicited. Option "c" is for a complete boom mounted mulcher system for the excavator solicited including all necessary components and equipment necessary to provide for functional use of a boom mounted mulcher, including a Cab/Operator Protection Kit and necessary hydraulic components to power the mulcher head.

Option "d" is for configuration of the excavator, more particularly, the hydraulic components and Cab/Operator Protection Kit for use with a boom mounted mulcher head, less the boom mounted mulcher head itself which could be acquired at a later date.

Either of these two options may be selected by the Agency to be added as an additional component to the excavator or both may be rejected as an option to the excavator.

Bidder Complies exactly as written YES\_\_\_\_\_ NO\_\_\_\_\_

**BID PACKAGES SHALL NOT TAKE TOTAL EXCEPTIONS:** Bidders are required under this bid invitation to give, for the consideration of the agency, a proposal that will comply with the written specifications and schedules supplied herein. The specifications supplied represent a compilation of input from all disciplines of users, maintenance and management personnel who are directly affected by the vehicle's performance.

Careful consideration pertaining to safety, configuration, construction, and workmanship are based on working experiences by all the personnel who have direct, working contact with the subject equipment specified herein.

This agency makes no claim that ALL potential issues or improvements are included in the specifications supplied herein. This agency will consider any VALID concern by any bidder and will consider minor specification exceptions or alternates of equal or better performance, provided that the exception(s) are steered toward meeting the "Core design" intent AND the exception(s) are cleared up not less than two days prior to the bid opening date.

**Caution:**

A bidder who submits a bid that takes "Total Exception" and makes an offering of some "Standard" or "Stock" unit will be viewed by the agency as a bidder who did not make, and is not prepared to make, a valid bid, and is not qualified to manufacture the heavy equipment as specified herein. Alternate bids will **NOT** be considered. Any bidder desiring to provide a response to this solicitation shall only submit one bid for their best product meeting the specifications herein.

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

**DEBARMENT STATUS:**

By submission of this bid response, the Bidder and/or its authorized representatives, certify under penalty of perjury, that to the best of their knowledge and belief they are not currently debarred from submitting bids or bid on contracts by any agency within the State of Mississippi, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency within the State of Mississippi.

**WARNING:**

This agency will not tolerate Vendors who state compliance to specifications but deliver an incomplete product and/or sub-standard materials and workmanship. Vendors who have made delivery of such equipment without making every reasonable effort to remedy the defects found at the time of delivery or within the warranty period will be notified that they are DEBARRED from submitting bids to this agency in the future. This agency will not waste valuable time (more than once) trying to recover legal costs and deal with lost in-service time of new equipment, working with vendors who are unresponsive to the needs of this agency.

Bidder Complies exactly as written    YES\_\_\_\_\_ NO\_\_\_\_\_

*Compliant: Specification:*

**BASIC SPECIFICATIONS**

- Y\_\_\_ N\_\_\_ Engine flywheel horsepower shall be no less than 113 hp according to ISO 9249
- Y\_\_\_ N\_\_\_ Operating weight for a long undercarriage, 10' 2" stick and 28" shoes shall be no less than 39,140 lb
- Y\_\_\_ N\_\_\_ Lift capacity at 20' over the front at ground level shall be not less than 10,250 lb with 28" shoes, long undercarriage, and 10' 2" stick.
- Y\_\_\_ N\_\_\_ Lift capacity at 20' over the side at ground level shall be not less than 6200 lb with 24" shoes, long undercarriage, and 10' 2" stick.
- Y\_\_\_ N\_\_\_ Ground clearance shall be not less than 17".
- Y\_\_\_ N\_\_\_ Track length shall be 13' 0" for a long undercarriage.
- Y\_\_\_ N\_\_\_ Maximum digging depth shall be 21' 7" with a 10' 2" stick.

**ENGINE**

- Y\_\_\_ N\_\_\_ Engine shall meet US EPA Tier 4 Interim and EU Stage IIIB emission requirements.
- Y\_\_\_ N\_\_\_ Four-cylinder diesel engine shall be provided.
- Y\_\_\_ N\_\_\_ Engine displacement shall be not less than 269 cubic inches.
- Y\_\_\_ N\_\_\_ Machine shall have a one touch low idle system.
- Y\_\_\_ N\_\_\_ To reduce fuel consumption, the machine shall be equipped with an Automatic Engine Control system that reduces engine speed by 100 rpm if a no load or light load condition is detected for more than 3 seconds. The system shall also have a second stage activated by a cab switch, which reduces engine speed significantly further (almost to low idle) under the same conditions.
- Y\_\_\_ N\_\_\_ For ease of operation the machine shall only offer one optional power setting other than the default (max power). This optional setting shall be used to reduce fuel consumption for light duty applications while still maintaining full breakout force and lift capacity.
- Y\_\_\_ N\_\_\_ Water separator 4 micron filter in fuel line shall be factory installed standard equipment.
- Y\_\_\_ N\_\_\_ Alternator shall not be rated at less than 80 amps.
- Y\_\_\_ N\_\_\_ Machine shall have a key-operated master electrical disconnect switch that cuts all electrical power to all circuits.
- Y\_\_\_ N\_\_\_ A backup system switch shall be provided for the electronic throttle control.
- Y\_\_\_ N\_\_\_ All wire harnesses shall be encased in nylon mesh bindings.
- Y\_\_\_ N\_\_\_ Engine and hydraulic pumps shall be completely separated by a steel wall to reduce the possibility of oil contacting hot engine parts in the event of a hydraulic line rupture.
- Y\_\_\_ N\_\_\_ A factory installed high-ambient temperature option capable of working conditions up to 126° F.
- Y\_\_\_ N\_\_\_ Engine must have the capability of running on either ultra-low sulfur diesel (ULSD) fuel with 15 ppm of sulfur or less or biodiesel (B20) fuel blended with ULSD that meets ASTM 6751 or EN 14214 standards.
- Y\_\_\_ N\_\_\_ Fuel tank must have a standard overfill indicator which rises when the fuel tank is full to help service technicians avoid spilling.

- Y\_\_\_ N\_\_\_ Engine must have an U.S. EPA tier 4 Interim engine emission system featuring an after treatment regeneration solution that ensures the machine works as normal with no operator intervention needed. The regeneration process automatically starts once the filtering system detects soot buildup-with not interruption to machine performance or the work process.
- Y\_\_\_ N\_\_\_ The engine cooling system must have an air-to-air aftercooler and A/C condenser that tilt up and swing out of the way for easy servicing.
- Y\_\_\_ N\_\_\_ Engine shall have a standard electric fuel priming pump.

**POWERTRAIN/TRANSMISSION**

- Y\_\_\_ N\_\_\_ Travel speed shall be at least 3.2 mph
- Y\_\_\_ N\_\_\_ Maximum drawbar pull shall be 35,115 lb ft.

**HYDRAULIC SYSTEM**

- Y\_\_\_ N\_\_\_ An accumulator shall be provided to allow the boom and stick to be lowered to the ground in the case of a dead engine.
- Y\_\_\_ N\_\_\_ Not less than two main implement pumps shall be provided and pumps shall be variable displacement piston type.
- Y\_\_\_ N\_\_\_ Total combined flow from the two implement pumps shall not be less than 79.2 gal per minute.
- Y\_\_\_ N\_\_\_ The hydraulic system shall be of open center type to provide excellent control and modulation.
- Y\_\_\_ N\_\_\_ Machine shall be equipped with a hydraulic cross sensing system for faster implement speeds and quicker, stronger pivot turns.
- Y\_\_\_ N\_\_\_ Hydraulic snubbers shall be at the rod-end of boom cylinders and both ends of the stick cylinders to cushion shocks, reduce sound and increase cylinder life.
- Y\_\_\_ N\_\_\_ A boom and stick regeneration circuit shall be standard to save energy during boom-down and stick-in operation
- Y\_\_\_ N\_\_\_ Standard boom and available sticks shall have mounting accommodations/bosses already provided for auxiliary hydraulics lines
- Y\_\_\_ N\_\_\_ An auxiliary hydraulic valve shall be standard for use with optional hydraulic circuits
- Y\_\_\_ N\_\_\_ Machine must regenerate the hydraulic oil flow from the head of the boom cylinder to the rod end of the boom cylinder during a boom down operation to save energy, which helps improve fuel efficiency. It is optimized for any dial speed setting being used by the operator, which results in less pressure loss for higher controllability, more productivity, and lower operating costs.
- Y\_\_\_ N\_\_\_ Machine shall have a reverse swing dampening valve.
- Y\_\_\_ N\_\_\_ Machine shall have an automatic swing parking brake.
- Y\_\_\_ N\_\_\_ Hydraulic system shall have the capability of installing an additional auxiliary pump and circuit.
- Y\_\_\_ N\_\_\_ Hydraulic system shall have a Fine Swing Control available as standard equipment.

**UNDERCARRIAGE**

- Y\_\_\_ N\_\_\_ An idler guard shall be provided to maintain track alignment while traveling or working on slopes.
- Y\_\_\_ N\_\_\_ Machine shall have as standard equipment a Grease Lubricated Track .

- Y\_\_\_ N\_\_\_ Machine shall have as standard equipment a Towing Eye on the base frame.
- Y\_\_\_ N\_\_\_ Machine shall have as standard equipment a Swivel Guard.
- Y\_\_\_ N\_\_\_ Machine shall have 28 inch triple grouser shoes
- Y\_\_\_ N\_\_\_ Machine shall have a Heavy-duty bottom guard.
- Y\_\_\_ N\_\_\_ Machine shall have a Center track guiding guard.

### **OPERATORS STATION**

- Y\_\_\_ N\_\_\_ Machine shall have a Certified ROPS cab meeting ISO 12117-2 specifications.
- Y\_\_\_ N\_\_\_ Machine shall have a ROPS Certified cab that allows an Operator Protective Guard (OPG) to be bolted directly to it.
- Y\_\_\_ N\_\_\_ A rotary dial shall be provided to control engine speed.
- Y\_\_\_ N\_\_\_ Machine shall have a system that checks the following fluid levels upon machine start-up and warns the operator if the levels are not within acceptable ranges: Engine oil level, engine coolant level and hydraulic oil level.
- Y\_\_\_ N\_\_\_ Machine shall have a monitor located in front of the operator with gauges indicating fuel level, engine coolant temperature, hydraulic oil temperature and governor setting.
- Y\_\_\_ N\_\_\_ Machine shall have a monitor located in front of the operator with ability to display text messages as well as symbols.
- Y\_\_\_ N\_\_\_ Machine shall have a monitor located in front of the operator with ability to display working hours for the engine, pumps, travel motors and work tools.
- Y\_\_\_ N\_\_\_ Machine shall have a monitor located in front of the operator with ability to provide diagnostic information such as fault codes, engine speed, main pump pressure, main pump powershift pressure and main pump negative flow control pressure when the tool control system is being used.
- Y\_\_\_ N\_\_\_ Machine shall have a monitor located in front of the operator with ability to provide maintenance interval information for engine oil and oil filter, fuel filter, swing drive lubricant, pilot oil filter, case drain filter, main hydraulic oil return filter, final drive lubricant, hydraulic oil and engine coolant.
- Y\_\_\_ N\_\_\_ Machine shall have a 7 inch Color LCD monitor display with indicators that identify the filter. Fluid change intervals and the working hour information.
- Y\_\_\_ N\_\_\_ For ease of operation, boom and swing priority shall be automatically provided based on operator input to joysticks.
- Y\_\_\_ N\_\_\_ Operator's manual for the machine shall be provided.
- Y\_\_\_ N\_\_\_ Machine sound performance in the cab for the Operator shall not exceed the following sound measurements:  
 1. Operator in the cab with the doors and windows closed according to ANSI/SAE J1166 OCT98 per ISO 6396: 71dB(A).  
 2. Spectator-ISO 6395: 101 dB(A).  
 These Sound Performance tests meet the OSHA and MSHA requirements for operator sound exposure limits in effect at the time of manufacture.
- Y\_\_\_ N\_\_\_ Cab air conditioner shall have a primary filter that can be removed for inspection without any tools
- Y\_\_\_ N\_\_\_ Cab HVAC system shall allow the user the choice of recirculated air or filtered outside air and the machine shall have a separate air filter for the outside air inducted in the cab.
- Y\_\_\_ N\_\_\_ Cab HVAC system shall have the capacity, with its fan on, to pressurize the cab sufficiently to meet ISO specification for a "pressurized cab".

- Y\_\_\_ N\_\_\_ Machine shall have a windshield wiper mounted in the right front cab pillar to improve visibility and not require the wiper motor wires to be disconnected when raising the front window.
- Y\_\_\_ N\_\_\_ Cab shall have an automatic climate control system.
- Y\_\_\_ N\_\_\_ A transparent skylight shall be provided for improved overhead visibility and shall be supported by gas cylinders during opening and closing. Skylight shall have built-in sliding sunshade.
- Y\_\_\_ N\_\_\_ A fully enclosed storage space shall be provided within the cab.
- Y\_\_\_ N\_\_\_ The rear window shall be easily removed for escape in the event of emergency.
- Y\_\_\_ N\_\_\_ Machine shall not be capable of being started with the hydraulic lock lever in the "live" or "run" position.
- Y\_\_\_ N\_\_\_ Storage for the lower windshield shall be provided within the cab.
- Y\_\_\_ N\_\_\_ Cab shall have a beverage holder capable of holding a standard 12 oz (340 g) soft drink can.
- Y\_\_\_ N\_\_\_ Factory installed, automatic climate control air conditioning shall be standard.
- Y\_\_\_ N\_\_\_ Factory installed AM/FM stereo radio shall be standard.
- Y\_\_\_ N\_\_\_ Windshield wiper shall have a choice of 2 "intermittent" settings (3 sec or 6 sec delay)
- Y\_\_\_ N\_\_\_ Machine shall have a 3" (76.2 mm) wide retractable seat belt as standard.
- Y\_\_\_ N\_\_\_ A suspended four-way adjustable seat with vertically adjustable armrests shall be standard.
- Y\_\_\_ N\_\_\_ Seat and consoles shall slide forward and backward independently, so they can be adjusted to comfortably fit any operator.
- Y\_\_\_ N\_\_\_ A straight travel pedal shall be available from the factory for ease of operation.
- Y\_\_\_ N\_\_\_ A 12V, 10 amp power supply with TWO power outlets shall be available for use of cell phones and two-way radios.
- Y\_\_\_ N\_\_\_ Machine shall be capable of accepting a bolt-on FOGS system without further cab reinforcement.
- Y\_\_\_ N\_\_\_ A pattern control changer.
- Y\_\_\_ N\_\_\_ A washer/wiper for the lower front windshield shall be available.
- Y\_\_\_ N\_\_\_ Rain protector shall be available for the front windshield to prevent rain from entering the cab when operating with the front window open.
- Y\_\_\_ N\_\_\_ Cab shall have a coat hook, beverage holder, and literature holder.
- Y\_\_\_ N\_\_\_ Machine shall have an MP3 auxiliary audio port.
- Y\_\_\_ N\_\_\_ Machine shall have two 12V stereo speakers.
- Y\_\_\_ N\_\_\_ Machine shall have as standard equipment adjustable arm rests and height adjustable joystick consoles to ensure maximum operator comfort.
- Y\_\_\_ N\_\_\_ Machine shall have a cab hatch emergency exit.
- Y\_\_\_ N\_\_\_ Machine shall have a reclining back, upper and lower seat slide adjustments, and height and tilt angle adjustments to meet operator needs for comfort and productivity.
- Y\_\_\_ N\_\_\_ Machine shall have Halogen lights for greater visibility.
- Y\_\_\_ N\_\_\_ Machine shall have a Monitor Warning System which features a buzzer in the monitor that tells the customer when critical events such as a plugged filter or low hydraulic pressure needs to be immediately addressed.

**STICK AND BOOM**

- Y\_\_\_ N\_\_\_ SAE Bucket digging force shall not be less than 22,000 lb
- Y\_\_\_ N\_\_\_ SAE Stick digging force shall not be less than 15,500 lb with a 10' 2" stick.

- Y\_\_\_ N\_\_\_ Maximum reach at ground level shall be at least 30' 5" with at 10' 2" stick.
- Y\_\_\_ N\_\_\_ Maximum loading height shall be at least 21' 7" with a 10' 2" stick.

**SWING SYSTEM**

- Y\_\_\_ N\_\_\_ Swing torque shall be at least 32,900 lb-ft
- Y\_\_\_ N\_\_\_ Swing speed shall be at least 9.3 rpm.

**WORK TOOL OPTIONS**

- Y\_\_\_ N\_\_\_ The bucket linkage shall include a lifting eye on the power link.
- Y\_\_\_ N\_\_\_ The bucket shall be a 48" 1.9 cu-yd bucket with side cutters and replaceable tips
- Y\_\_\_ N\_\_\_ Hydraulic Thumb matched to bucket also to be built by manufacturer and installed.

**SERVICEABILITY**

- Y\_\_\_ N\_\_\_ Fuse box shall be located inside the cab.
- Y\_\_\_ N\_\_\_ Anti-skid steel plates shall cover the entire normal walking surface of the upper structure to help prevent the operator from slipping during maintenance or inspection. Sandpaper style, stuck-on anti-skid material is not acceptable.
- Y\_\_\_ N\_\_\_ Track rollers and carrier rollers shall be lifetime lubricated for increased service life.
- Y\_\_\_ N\_\_\_ Grease lubricated track shall be provided for increased service life.
- Y\_\_\_ N\_\_\_ Machine shall have a swing-out condenser for easy access and cleaning of the radiator and oil cooler cores.
- Y\_\_\_ N\_\_\_ Scheduled oil sampling ports for the main hydraulic system and pilot hydraulic system shall be provided for hydraulic oil to simplify sampling.
- Y\_\_\_ N\_\_\_ An engine coolant sampling port shall be provided to allow engine coolant to be tested for antifreeze and additive strengths.
- Y\_\_\_ N\_\_\_ Radial seal air filter with double layered filter core shall be provided for better filtration.
- Y\_\_\_ N\_\_\_ A clogged hydraulic return filter alert shall be provided through a monitor located in front of the operator.
- Y\_\_\_ N\_\_\_ A clogged engine air filter alert shall be provided through a monitor located in front of the operator.
- Y\_\_\_ N\_\_\_ Two separate valves shall be used for track tension adjustment on each side of the machine, one valve shall be dedicated as a grease inlet fitting and the other as a relief valve (allows grease to escape during adjustment)
- Y\_\_\_ N\_\_\_ Hydraulic system pressure taps shall be included for quick, easy, efficient system diagnostics.
- Y\_\_\_ N\_\_\_ A capsule style hydraulic return filter shall be accessible from outside the hydraulic tank to prevent contamination.
- Y\_\_\_ N\_\_\_ The engine fan guard shall fully enclose (360°) the engine fan.
- Y\_\_\_ N\_\_\_ Engine shall have a standard electric fuel priming pump.
- Y\_\_\_ N\_\_\_ The left rear service door shall allow access to the engine radiator and the hydraulic oil cooler.
- Y\_\_\_ N\_\_\_ A service door on the right side of the upper structure shall allow ground-level access to the pump and pilot filter
- Y\_\_\_ N\_\_\_ Engine shall be accessible from the upper structure or from under the machine.

Y\_\_\_ N\_\_\_ Machine service doors shall have sturdy hinges, latches, superior sealing to prevent debris entry, and easy access to the engine and cooling compartments.

**MINIMUM SERVICE FILL CAPACITIES**

Y\_\_\_ N\_\_\_ Fuel tank shall have a capacity of 76.61 gal (290 L)

Y\_\_\_ N\_\_\_ Cooling system shall have a capacity of 6.34 gal (24 L)

Y\_\_\_ N\_\_\_ The hydraulic oil tank shall have a capacity of no less than 28 gal (106 L).

**OWNING AND OPERATING COSTS**

Y\_\_\_ N\_\_\_ Factory-fill long life coolant with a minimum life of 3,000 hours or three years, rated to – 34° F.

**ADDITIONAL FEATURES**

Y\_\_\_ N\_\_\_ Counterweight shall have built-in lifting eyes.

Y\_\_\_ N\_\_\_ Crane lifting points shall be clearly identified by decal on the machine.

Y\_\_\_ N\_\_\_ Factory installed steel side bumpers to protect the sides of the machine shall be available.

Y\_\_\_ N\_\_\_ Heavy-duty bottom guard

Y\_\_\_ N\_\_\_ Machine shall have a superior designed cellular communicated machine monitoring system available. This monitoring system shall be capable of monitoring machine and diagnostic codes as well as hours of use, fuel consumption, idle time, machine location, and other detailed information that is transmitted to a secure web based application.

***Options***

The following options – “C” and “D” are to be priced as optional components / configuration only and not included in the base bid price of the excavator itself. These components may be added or rejected at the sole selection of the Agency.

*Option “C”*

These are the minimum specifications for a Boom Mounted Mulcher Attachment for the excavator specified under this solicitation:

***Boom Mounted Mulcher Attachment***

Y\_\_\_ N\_\_\_ Mulcher must be installed with necessary hydraulic controls to power mulching head while walking, while booming out, stick out and swing. Mulcher must have a minimum cutting width of 47” and a maximum overall width of 65”.

Y\_\_\_ N\_\_\_ Stick mounted hydraulically actuated quick coupler for easy installation and removal of both bucket and mulcher. Must be Operator controlled from the cab.

- Y\_\_\_ N\_\_\_ Minimum Rotor speed of 3,000 RPM, diameter of 18", driven by cogged belt drive system. Rotor must be mounted longitudinal to the boom and stick for additional reach and safety. Head must hydraulically rotate 15 degrees to left 90 degrees to the right.
- Y\_\_\_ N\_\_\_ Attachment will have a Maximum Weight of 2,900 lb, including mounting bracket and rotation system.
- Y\_\_\_ N\_\_\_ Mulcher shall be driven by a variable displacement axial piston motor to minimize overheating and improve re-acceleration.
- Y\_\_\_ N\_\_\_ Continuous flow of no less than 25 GPM.
- Y\_\_\_ N\_\_\_ Minimum operating pressure of 3,500 PSI.
- Y\_\_\_ N\_\_\_ Quick connect on all hoses to and from the machine.
- Y\_\_\_ N\_\_\_ Minimum of 17 steel knives with carbide wear surface, heat-treated, bolt on knife blades on the rotor. Each knife to be held in place by a single bolt, nut and anti-vibration wedge-locking washer for easy replacement and safety. Mulcher shall have knife sharpening capability without removing knives from rotor for easy maintenance. Knives shall be chevron patterned to keep material feed back to the center of cutter head as opposed to the outside. Knife sharpener to be included. Protective rings of height at least equal to the height of the knife holders, to limit the size of the bite to reduce the size of debris and the risk of breakage of knife holders.
- Y\_\_\_ N\_\_\_ Cab/operator protection kit to include the windshield screen, and door glass to be included in price.
- Y\_\_\_ N\_\_\_ Factory tech shall be with the delivery and initial operation of unit to train the operator and maintenance people.

Option "D"

Option "D" shall be priced to provide for meeting the specifications in Option "C" less and except the Boom Mounted Mulcher head itself, which could be acquired at a later date. This would be configuration and equipping of the excavator to be acquired under this solicitation with all necessary components – particularly the hydraulic system – but also including the cab and operator protection kit for readiness to mount and operate a boom mounted mulcher head.

**Further Instructions to Bidders:**

1. The above described machinery must be in New (2016) and unused condition.
2. Any exceptions to the above specifications must be listed in the bidders bid, with Justification. Failure to do so will disqualify the bid.
3. All bids must state delivery time (which will be a factor used in determining the lowest and best bid), and bid price must include delivery to Neshoba County.

4. All bids must state warranty, which will be a factor used in determining the lowest and best bid. A minimum of (5) years or 7,500 hours warranty must be included in the bid price.
5. The offer of a guaranteed buy back provision at the end of three (3), four (4) and five (5) years will be used in determining the lowest and best bid. The County will not be responsible for maintaining any maintenance records for the purpose of this agreement nor shall the county sign any agreement based on the servicing or maintenance of said equipment. The county shall service this equipment in accordance with the Manufactures' recommendations of servicing the said equipment.

The county shall return this machine to the dealer with normal wear and tear for hours of use should they elect to do so. **All bidders must list any conditions and or limitations to buy back, if any, prominently in the response to this solicitation.** All Bidders must list any and all non performing buy backs in the last 10 years to any City or County in the State of Mississippi and the reason for such.

### ***Conditions for Lease Purchase Financing***

Bids for Lease purchase financing will be accepted at the same time and place, and may be from the vendor of the equipment or from a third party source. If only one bid is received for lease purchase financing, the Neshoba County Board of Supervisors reserves the right to solicit and obtain at least one other written competitive bid in order to be in compliance with the requirements of section 31-7-13 (e) Mississippi Code of 1972, Amended.

1. All bids will state the annual rate of interest which may not be greater than the overall maximum interest rate to maturity on general obligation indebtedness permitted under section 75-17-101 of the code (11%).
2. The term of such lease purchase financing should contain lease options for thirty-six (36), forty-eight (48), and sixty (60) months, and shall not exceed the useful life of the machinery per said section 31-7-13 (e).
3. The lease agreement shall contain the following annual allocation dependency clause or an annual allocation dependency clause which is substantially equivalent thereto: "The continuation of each equipment schedule to this agreement is contingent in whole or in part upon the appropriation of funds by the Neshoba County Board of Supervisors to make lease purchase payments required under such equipment schedule". If the Neshoba County Board of Supervisors fail to appropriate sufficient funds to provide for the continuation of the lease purchase payments under any such equipment schedule, then the

obligation of the lessee to make such lease purchase payments and the corresponding provisions of any such equipment schedule to this agreement shall terminate on the last day of the fiscal year for which appropriations were made.

4. The County will assume responsibility for expense of day to day parts and components such as oil, filters, grease, fuel, antifreeze, electrical components, glass, hydraulic and air hoses or lines, fan belts, tires and normal wear items.
5. The County will be responsible for liability insurance and physical damage insurance.

**NESHOBA COUNTY BID FORM**

**39,000 # Excavator** Bid Date: April 18, 2016 Bid Time: 11:00 AM

We are pleased to submit the following bid for:

Name of Bidder: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Make of Unit: \_\_\_\_\_ Model of Unit: \_\_\_\_\_

Selling Price of New Unit: \$\_\_\_\_\_

36 month lease payment: \$\_\_\_\_\_/month w/Balloon of: \$\_\_\_\_\_

48 month lease payment: \$\_\_\_\_\_/month w/Balloon of: \$\_\_\_\_\_

60 month lease payment: \$\_\_\_\_\_/month w/Balloon of: \$\_\_\_\_\_

Guaranteed buy back @ 36 months or 3,000 hours: \$\_\_\_\_\_

Guaranteed buy back @ 48 months or 3,000 hours: \$\_\_\_\_\_

Guaranteed buy back @ 60 months or 3,000 hours: \$\_\_\_\_\_

Interest Rate(APR) - 36 mo. @ \_\_\_\_%; 48 mo. @ \_\_\_\_%; 60 mo. @ \_\_\_\_%

5 Year / 5,000 hour maintenance contract - \$\_\_\_\_\_ per hour.

5 Year / 5,000 hour maintenance and repair contract - \$\_\_\_\_\_ per hour.

Option "C" Price: \$\_\_\_\_\_ Option "D" Price: \$\_\_\_\_\_

Delivery Date: \_\_\_\_\_

Warranty – Enclose Copy of Equipment Warranty with Response

BID IS: \_\_\_\_\_ as per specifications, taking no exceptions.

\_\_\_\_\_ taking only those specifications exceptions listed by letter attached and referenced to page numbers specified (no alternate bids accepted).

The undersigned bidder agrees that the signature submission of this bid represents the bidder's acceptance of all terms, conditions, and requirements of bid specifications and, if awarded, the bid will represent the agreement between the parties.

SIGNED: (sign manually, in ink) \_\_\_\_\_

NAME PRINTED: \_\_\_\_\_ TITLE: \_\_\_\_\_