BID SUBMITTAL FORM
Alabama County Joint Bidding Program
BID ITEM – LIGHT DUTY MOTOR GRADER – OPTION A

Company Name: Warrior Tractor & Equipment Company, Inc.

Address: 6801 McFarland Blvd. W.

Northport, AL 35476

Bid Submitted by: David Patterson
(Name of company representative)

Title: Sales Manager e-mail address: davidp@warriortractor.com

Phone: 205-339-0300 Fax: 205-333-0101

By submitting this bid, we agree: Initials

The equipment model number identified below meets the bid specs for this bid item

That the bid price will be honored for all counties for the period from Jan. 1, 2019 to Dec. 31, 2019.

The equipment will be delivered at the bid price to all counties participating in the joint bid program

The company representative listed above will be the contact person for purchasing this bid item under the joint bid program

The bid is accompanied by a current catalog or model specification document for the model number identified below

The bid is accompanied by a copy of the manufacturer's standard warranty as required in the bid specifications

The bid includes the e-verify documentation required by Alabama law

If awarded the bid, a performance bond will be provided upon request

The bid documents include the **Manufacturer's Suggested Retail Price Sheet (MSRP) for the Standard Machine**

LIGHT DUTY MOTOR GRADER – OPTION A

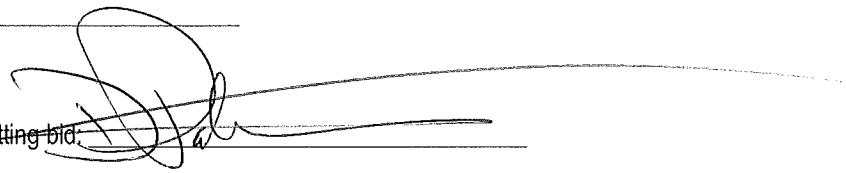
Total Bid Price for Standard Machine: $ 228,955.00
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs)*

Freight Preparation and Delivery: $ 6,350.00
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: $ 437,202.00

Equipment Model #: John Deere 622G

Description: Motorgrader

Signature of company representative submitting bid: 

Title: Sales Manager

* **NOTE:** Award will be made based on the total cost of the **Standard Machine**. The total cost of the standard machine is to include the freight preparation, delivery and standard warranty cost. Freight preparation, delivery will be excluded from the total bid price of the standard machine in determining the percentage discount for any available options.

BID SUBMITTAL FORM: OPTION COST SHEET
LIGHT DUTY MOTOR GRADER –OPTION A

By submitting this bid, we agree:

To offer any available options at the percent difference between the Manufacturer's Suggested Retail Price Sheet and the actual bid price on the Standard Machine*

The bid documents include the Manufacturer's Suggested Retail Price Sheet (MSRP) with **any available Options** for the Standard Machine

Equipment Model #: John Deere 622G

Description: Motorgrader

Signature of company representative submitting bid: _____

Title: Sales Manager

***Note:** The percent difference between the **Manufacturer's Suggested Retail Price Sheet (MSRP)** for the standard machine as specified by these **Bid Specifications** and the actual price bid by the vendor will be calculated to determine the percentage discount to be applied to any available options. The bid price of the freight preparation, delivery cost shall be excluded in determining the percentage discount to be applied to available options. Any individual county may choose to add any available option to the standard machine at the percentage discount at the time of purchase.

BID SPECIFICATIONS
FOR
LIGHT DUTY MOTOR GRADER – OPTION A

GENERAL

These specifications shall be construed as the minimum acceptable standards for a light duty motor grader. Should the manufacturer's current production data or specifications exceed these standards, the manufacturer's standards shall be considered minimum and shall be furnished. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished. Additionally, the machine offered for bid shall include all standard manufacturers' equipment. The motor grader must be a new current production model and shall meet Current EPA standards and other applicable standards at the time of manufacture.

The use of specific names or numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer, but is intended solely for the purpose of indicating the type, size, and quality of equipment considered best adapted to the uses of counties participating in this joint bid.

BID SUBMITTAL FORM

Each bidder must submit his or her bid on the Bid Submittal Form included in the invitation to bid package. All written warranties to be submitted shall be attached to the Bid Submittal Form.

BID PRICE

The price bid shall include all destination charges, delivery charges, title fees, rebates and all other applicable costs and refunds.

MANUALS

Each unit shall be provided with one (1) copy of the operator's manual, one (1) copy of the repair manual and one (1) copy of the current parts manual. Units will not be accepted for delivery until the manuals as outlined above are received by the purchaser.

REPLACEMENT PARTS AVAILABILITY

Parts must be available for 5 years or 7,500 hours of use for the piece of equipment bid. If replacement parts are not delivered within three (3) working days of an order being placed, the bidder will deliver an equivalent machine for the County to use at no cost to the County until such time as the parts are delivered to the County so it can affect repairs to its machine.

WARRANTY

Bidders shall submit a copy of the manufacturer's standard warranty. Warranty shall include service response time of maximum of 36 hours within notification by county. Yes X No ____

Page #_____

Attachment X

ENGINE -
The engine shall be a four cycle, six-cylinder turbocharger. Engine shall be in current production and the engine displacement shall not be less than **403 cu. in** and shall develop, as standard, a rated variable net power of at least **138-182 HP**.

Yes X No ___
Page # 14

STARTING SYSTEM
Shall be equipped with a **24-volt** electrical system.

Yes X No ___
Page # 15

TRANSMISSION
Direct drive power shift

Yes X No ___
Page # 14

Eight speeds forward and **six speeds** reverse

Yes X No ___
Page # 14

Shall be designed and built by the machine manufacturer and shall be a direct drive, power shift, counter-shaft type transmission.

Yes X No ___
Page # 14

Shall be equipped with built-in self-diagnostic capability

Yes X No ___
Page # SEE ATTACHED

A controlled throttle shifting system shall be standard to smooth directional gear changes without use of the inching pedal.

Yes X No ___
Page # 14

Final drive shall be a planetary design.

Yes X No ___
Page # 14

Machine shall be equipped with an electronic inching pedal for improved modulation and machine control, and with electronic over-speed protection to protect the engine and transmission from over speeding.

Yes X No ___
Page # 14

Also must be equipped with transmission guard

Yes X No ___
Page # SEE ATTACHED

FINAL DRIVE
The final drive shall be a tandem type with power being transmitted from the transmission to the ground all four rear tandem wheels.

Yes X No ___
Page # 14

The final drive shall include a lock/unlock differential.

Yes X No ___
Page # 15

CONTROLS AND HYDRAULICS

Hydraulics system shall be a closed center, load sensing type, with a variable Displacement, axial piston-type pump.

Yes X No ___
Page # 15

Implement valves shall be electro-hydraulic, designed and built by the machine manufacturer.

Yes X No X
Page # 15

Lock valves shall be integrated into the main implement valve to prevent cylinder drift.

Yes X No ___
Page # 15

Joystick hydraulic controls right/left blade lift with float position, circle drive,

blade side shift and tip, center shift, front wheel lean, articulation and steering.

Yes X No ___
Page # 31

Joystick, adjustable armrests

Yes X No ___
Page # 31

Joystick gear selection

Yes X No ___
Page # 31

The hydraulic system shall have sufficient power to permit simultaneous operation of at least two components without loss of component travel speed and/or power and without requiring the engine speed to be increased.

Yes X No ___
Page # 15

Shall have an accumulator blade lift to protect against blade damage.

Yes X No ___
Page # 31

BLADES

The moldboard shall be **14' x 24" x 0.87"** with hydraulic power tilt, hydraulic power side shift and replaceable end bits

Yes X No ___
Page # 31

Shall also include reversible overlay end bits

Yes X No ___
Page # 30

DRAWBAR AND CIRCLE

The circle shall be steel construction with **6** replaceable wear shoes.

Yes X No ___
Page # 31

Rear drawbar shall be equipped with slip clutch designed to protect the circle, drawbar, and moldboard from shock when end of blade encounters, hidden objects.

Yes X No ___
Page # 31

Drawbar shall feature welded protective wear plates to prevent lift group contact with the primary drawbar structure.

Yes X No ___
Page # 30/31

FRAME

Articulated type main frame.

Yes X No ___
Page # 30/31

Articulation joint shall have mechanical locking device to prevent frame articulation while servicing or transporting machine.

Yes X No ___
Page # 30/31

Shall be that of a flanged box section type frame that runs from the front bolster to the articulation joint.

Yes X No ___
Page # 30/31

STEERING

The motor grader shall have a hydraulic steering system capable of providing stopped engine steering as required by SAE codes, J53 and J1511.

Yes X No ___
Page # 14

TIRES

All six wheels shall be **10 in** by **24 in** size multi-piece tire rims and shall provide mounting for **14.00 R24** tires.

Yes X No ___
Page # SEE ATTACHED/16

Tires shall be Goodyear, Bridgestone/Firestone, or Michelin only **14.00 x R24 12PR** Bias Tires.

Yes X No ___
Page # SEE ATTACHED

BRAKES

The service brakes shall be foot operated, hydraulic power boosted sealed oil disc brakes on all four rear tandem wheels.

Yes X No ___
Page # 14

The service brakes shall be a dual brake system with accumulators for a secondary braking system for stopped engine braking.

Yes X No ___
Page # 14

WEIGHT (STANDARD OPERATING)

Minimum of **35,700** pounds which includes enclosed ROPS cab (low profile) with factory installed air conditioner/heater (standard arrangement). This is factory specified operating weight only. No additional weights may be added for purpose of meeting these specifications.

Yes X No ___
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