

**BID SUBMITTAL FORM**  
**Alabama County Joint Bidding Program**  
**BID ITEM - MEDIUM DUTY AWD MOTOR GRADER**

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:

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**

Initials  


## MEDIUM DUTY AWD MOTOR GRADER

Total Bid Price for Standard Machine: \$ 263,095.00  
(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: \$ 440,533.00

Equipment Model #: John Deere 672G

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  
MEDIUM DUTY AWD MOTOR GRADER**

By submitting this bid, we agree:

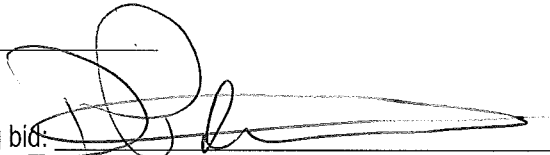
To offer any available options at the percent difference between the Manufacturer's Suggested Retail Price Sheet and the actual bid price on the Standard Machine\*

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



Equipment Model #: John Deere 672G

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 MEDIUM DUTY AWD MOTOR GRADER

## GENERAL

These specifications shall be construed as the minimum acceptable standards for a medium duty AWD 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 manufacturer's equipment. The motor grader must be a new current production model and shall meet all EPA and other applicable standards at the time of manufacturer.

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 **548 cu. in** and shall develop, as standard, a rated net power of at least **190 HP** in 1<sup>st</sup> gear (6WD on), **205 HP** in 2<sup>nd</sup> gear (6WD on), **220 HP** in 3<sup>rd</sup> gear (6WD on), **230 HP** in 4<sup>th</sup> gear (6WD on), **235 HP** in 5<sup>th</sup> gear (6WD on), **245 HP** in 6<sup>th</sup> gear (6WD on), **255 HP** in 7<sup>th</sup> gear (6WD on) and **245 HP** in 8<sup>th</sup> gear.

Yes  No   
Page # 18

**Engine must be designed and manufactured by the machine manufacture.**

**STARTING SYSTEM**

Shall be equipped with a **24-volt** electrical system with **100-amp** alternator.

Yes  No   
Page # 19

**TRANSMISSION**

Shift on-the-go, full power shifting as well as inching capability and direct drive

Yes  No   
Page # 18

**Eight speeds** forward and **Eight speeds reverse**

Yes  No   
Page # 18

Low effort inching pedal

Yes  No   
Page # 18

Over speed protection to prevent engine and transmission damage from premature downshifting and grade-induced over-speeding.

Yes  No   
Page # 18

Also must be equipped with transmission guard.

Yes  No   
Page # 31

**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. Inboard-mounted planetary sealed in cooled, filtered oil.

Yes  No   
Page # 18

The final drive shall include a lock/unlock differential.

Yes  No   
Page # 18

**CONTROLS AND HYDRAULICS**

Hydraulic system shall be load sensing closed center type with variable displacement piston pump.

Yes  No   
Page # 19

Circle drive shall be protected against impact damage by an overload cushion valve or an accumulator blade lift.

Yes  No   
Page # 31

**BLADES**

The moldboard shall be **14' x 24" x 7/8"** with hydraulic power tilt, hydraulic power side shift and replaceable end bits.

Yes  No   
Page # 21

Moldboard blade range shall have minimum lift above ground of **19"** and Minimum right and left side vertical cutting angle of 90 degrees.

Yes  No   
Page # 19

Shall also include reversible overlay end bits.

Yes  No   
Page # 21

**DRAWBAR AND CIRCLE**

Drawbar shall be equipped with a slip clutch designed to protect the drawbar, circle and moldboard from horizontal shocks when the blade encounters hidden objects.

Yes  No   
Page # 31

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

Yes  No   
Page # 19

**FRAME**

The main frame shall be of an all welded box type construction. The frame must be capable of articulating **22 degree** left or right

Yes  No   
Page # 18 & 19

The articulation joint shall be equipped with a locking device to prevent frame articulation while servicing or transporting the machine.

Yes  No   
Page # 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. A steering wheel must be provided.

Yes  No   
Page # 31

**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  No   
Page # 21

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

Yes  No   
Page # 21 7 ATTACHMENT

**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 # 18

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

Yes X No       
Page # 18 & 31

**SERVICE CAPABILITIES**

Shall have 24/7 wireless uplink capability with location, utilization, dashboard alerts, fuel consumption, diagnostic codes, and hours, etc.

Yes X No       
Page # 20 & 31

Quick –service bank for transmission, hydraulic, engine oil, and engine coolant fluid changes.

Yes X No       
Page # 30 & 31

Fluid sampling ports for engine oil and coolant, hydraulic, axle and transmission oil.

Yes X No       
Page # 30 & 31

**VANDAL PROTECTION/SAFETY**

Shall have key-less start with multiple security codes. Vandal protection locking for: Cab doors, top tank radiator access door, engine coolant surge tank, hydraulic reservoir cap, batteries disconnect switch, fuel tank door and cap and toolbox.

Yes X No       
Page # 30

**OIL ANALYSIS**

To be included at no cost for the duration of the purchased warranty period at intervals recommended by the manufacturer's warranty and maintenance schedule.

Yes X No       
Page # ATTACHMENT

**WEIGHT (STANDARD OPERATING)**

Minimum of **37,734** 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       
Page # 20