



## **Request for Proposals**

# **EXCAVATOR AND ROTARY MOWER**

**Issue Date: Thursday April 20, 2021**

**JONES COUNTY BOARD OF COMMISSIONERS  
166 INDUSTRIAL BLVD./P.O. BOX 1359  
GRAY, GA 31032  
PHONE: (478) 986-6405  
ATTN: JASON RIZNER, COUNTY ADMINISTRATOR**

**BIDS WILL BE RECEIVED UNTIL MAY 20, 2021 AT 4:00 P.M.**

**PROPOSALS ARE TO BE SEALED AND MAILED VIA USPS, FEDEX OR UPS TO THE ABOVE ADDRESS OR HAND DELIVERED TO THE COUNTY ADMINISTRATOR'S OFFICE LOCATED IN THE JONES COUNTY GOVERNMENT CENTER AT 166 INDUSTRIAL BLVD., GRAY, GA 31032. ENVELOPES SHOULD BE MARKED WITH "RFP – EXCAVATOR."**



The Jones County Board of Commissioners is requesting proposals to provide one (1) excavator and a rotary mower for the Jones County Public Works Department. Proposals will be accepted until 4:00 PM on Thursday, May 20, 2021 when they will be opened and read aloud in the Jones County Government Center Conference Room (166 Industrial Blvd., Gray, GA 31032). **Any questions should be directed to Leslie Faulk via e-mail at [leslie.faulk@jonescountyga.org](mailto:leslie.faulk@jonescountyga.org).**

## 1. BACKGROUND

The Jones County Public Works Department is seeking to purchase an excavator and a rotary mower attachment that will allow the Department to perform excavating tasks and mow various areas around the County. Money from the 2015-2021 SPLOST has been allocated for this purchase.

It shall be the intent of these specifications to cover the furnishing and delivery of a complete piece of equipment and a mower attachment that is new and from the most current model year. These detailed specifications cover the requirements to which the equipment shall conform.

## 2. RESPONSE TO RFP

### 2.1. Responses to the RFP must be submitted as follows:

- 2.1.1. Sealed proposals including the forms attached to this RFP document
- 2.1.2. One digital copy of proposal on USB drive
- 2.1.3. Plainly marked with proposer's name, title, and time for submission
- 2.1.4. Company name
- 2.1.5. Indicate "RFP – Excavator" on the package
- 2.1.6. Specification information on the proposed equipment that is sufficient to determine if the proposed equipment complies with the specifications outlined below.
- 2.1.7. Cost of vehicles and equipment
- 2.1.8. Any other required materials identified in this document.

### 2.2. Additional Instructions for Bidders

- 2.2.1. The purchaser will utilize this advertised specification to compare all submitted bid proposals. To facilitate comparison, all bid proposal specifications shall be submitted in the same sequence as the advertised specification.
- 2.2.2. The purchaser's specification shall, in all cases, govern the construction of the apparatus, unless a properly documented exception or deviation was approved. Any bid indicating that the manufacturer's proposal shall supersede the purchaser's specification will be considered a complete substitute and immediately rejected.
- 2.2.3. **THE PURCHASER HAS THE RIGHT TO REJECT ANY BIDS WHICH DOES NOT MEET THESE SPECIFICATIONS AND IS THE SOLE DECIDER TO DEEM WHICH BID IS IN THE BEST INTEREST OF THE PURCHASER.**

## 3. Questions



**3.1. Questions regarding this request for proposals shall be directed to Leslie Faulk via email at [leslie.faulk@jonescountyga.org](mailto:leslie.faulk@jonescountyga.org). Vendors are responsible for monitoring the Jones County website (Vendor Registry) for any addenda that may be issued.**

**3.2. Exceptions**

3.2.1. Bidders shall indicate in the "yes/no" column on the proposal submission form whether their proposal complies on each item (paragraph) specified. Bidders shall note any exceptions or other pertinent information in the "Notes/Exceptions" column. Additional information may be attached if necessary.

3.2.2. If a product brand name is specified and is commercially available to all bidders, an exception to such items is not acceptable and such bid may be rejected.

3.2.3. Exceptions shall be allowed if they are equal to or superior to that specified and provided they are listed and fully explained on a separate page. **All deviations, no matter how slight, shall be clearly explained on a separate sheet, in the bid sequence, citing the page and paragraph number(s) of the specifications, how the proposal deviation is different, how the deviation meets or exceeds the specifications and why it is necessary, and entitled "EXCEPTIONS TO SPECIFICATIONS".**

3.2.4. The buyer reserves the right to require a bidder to provide proof in each case that a substituted item is equal to that specified. The buyer shall be the sole judge in determination of acceptable substitutes.

3.2.5. Proposals that are found to have deviations without listing them or bids taking total exceptions to these advertised specifications will be rejected (no exception).

**4. Manuals and Service Information**

**4.1.** The manufacturer shall supply at time of delivery, complete operation and maintenance manuals covering the complete apparatus as delivered.

**5. Service and Warranty Support (Dealership)**

**5.1. TO INSURE FULL SERVICE AFTER DELIVERY, THE SELLING BIDDER/DEALERSHIP MUST BE CAPABLE OF PROVIDING SERVICE WHEN REQUIRED.**

**5.2.** The bidder/dealership shall show that the company is in position to render prompt service and to furnish replacement parts.

**6. Equipment Specifications**

**6.1. Excavator Specifications**

**6.1.1. Basic Specifications**

6.1.1.1. Net horsepower at 2200 rpm shall be at least 65 hp according to ISO 9249

6.1.1.2. SAE rated gross horsepower at 2200 rpm shall be at least 70 hp according to ISO 14396

6.1.1.3. The machine must be a compact radius, short radius, or short tail swing model with a maximum of 18" of overhang over the side of the tracks in the standard configuration

6.1.1.4. Operating weight with the cab option less bucket shall be between 18,000 lbs and 22,000 lbs

6.1.1.5. Lift capacity without bucket fitted, blade down, and standard stick shall be no less than 7000 lbs at 14'8" (4.5 m) over the front and no less than 3000 lb at 14'8" (4.5 m) over the side.



- 6.1.1.6. Maximum digging depth with a long stick shall be at least 14'
- 6.1.1.7. Maximum digging height with a long stick shall be at least 22'
- 6.1.1.8. Maximum dump clearance shall be at least 15' 6" with a long stick
- 6.1.1.9. Maximum reach with a long stick shall be at least 24'
- 6.1.1.10. Ground clearance shall be not less than 13".
- 6.1.1.11. Manufacturer must offer an optional counterweight on the back of the machine
- 6.1.2.Engine
  - 6.1.2.1. Engine shall be US EPA Tier 4 Final compliant
  - 6.1.2.2. Machine shall be a Turbo Charged, Water-cooled, 4 stroke, 4 cylinder diesel engine.
  - 6.1.2.3. Engine displacement shall not be less than 175 cubic inches.
  - 6.1.2.4. Engine shall have automatic engine idle that automatically lowers engine revolutions when machine is not in use to save fuel
  - 6.1.2.5. Electrical system voltage shall be 12 volt
  - 6.1.2.6. Machine shall have a 900 CCA maintenance free battery
  - 6.1.2.7. Alternator shall not be rated at less than 60 amps.
  - 6.1.2.8. The machine's electrical system shall incorporate a resettable 'circuit breaker' switch.
  - 6.1.2.9. All wire harnesses shall be encased in nylon mesh bindings.
  - 6.1.2.10. Machine shall have sealed electrical connectors
  - 6.1.2.11. All wiring shall utilize color coded wires.
  - 6.1.2.12. The cooling system fan shall incorporate a guard.
  - 6.1.2.13. Water separator in fuel line shall be factory-installed standard equipment.
  - 6.1.2.14. A factory installed high-ambient temperature cooling package capable of working conditions up to 110° F shall be standard.
  - 6.1.2.15. The air cleaner shall incorporate both primary and safety elements.
  - 6.1.2.16. Machine shall have adjustable automatic engine shutdown
  - 6.1.2.17. Machine shall have automatic swing break
  - 6.1.2.18. Machine shall be equipped with battery disconnect standard
  - 6.1.2.19. Engine shall be equipped with a standard ecology drain
- 6.1.3.Powertrain/Transmission
  - 6.1.3.1. Travel speed shall be at least 1.5 mph in low and 3 mph in high
  - 6.1.3.2. Traction force shall be at least 15,000 lbf in low and 6,000 lbf in high
  - 6.1.3.3. Factory installed, standard auto two speed
- 6.1.4.Hydraulic System
  - 6.1.4.1. Machine shall have one variable displacement piston pump with an output of at least 40 gal/m at 2400 rpm
  - 6.1.4.2. Equipment operating pressure shall be at least 4,000 psi.
  - 6.1.4.3. Travel operating pressure shall be at least 4,000 psi.
  - 6.1.4.4. Operating swing pressure shall be at least 3,500 psi.
  - 6.1.4.5. Primary circuit shall have an output of at least 35 gal/min
  - 6.1.4.6. Secondary circuit shall have an output of at least 9 gal/min
  - 6.1.4.7. An accumulator shall be provided to allow the boom and stick to be lowered to the ground in the case of a dead engine. Also to allow depressurization of hydraulic system in ordered to attach work tools.
  - 6.1.4.8. All fittings shall be of the O Ring Face Seal type.



- 6.1.4.9. The boom cylinder circuit shall come standard with zero leak boom section valve for zero boom drift
- 6.1.4.10. Factory installed combined function (one-way/two-way) auxiliary high pressure hydraulic circuit shall be standard.
- 6.1.4.11. Factory installed hydraulics to operate a hydraulic quick coupler shall be included.
- 6.1.4.12. The bucket service shall have a relief valve fitted to protect the cylinder against shock loading.
- 6.1.4.13. Machine shall come standard with a trim feature that can be adjusted.
- 6.1.4.14. The machines travel and throttle functions shall be electro over hydraulic controlled to maintain modulation throughout the machine's life.
- 6.1.4.15. Machine shall have a load sensing, flow sharing, variable margin displacement piston pump system
- 6.1.4.16. Auxiliary hydraulic valve shall be standard with standard hydraulic quick disconnects on the stick
- 6.1.4.17. Machine shall be equipped with smart tech electronic pump that monitors Hydraulic flows, pressure, temperature and ambient temperature
- 6.1.5.Undercarriage
  - 6.1.5.1. Machine shall come equipped with 18" (450 mm) rubber tracks.
  - 6.1.5.2. An idler guard shall be provided to maintain track alignment while traveling or working on slopes.
  - 6.1.5.3. Machine shall come standard with hydraulic track adjusters
  - 6.1.5.4. Machine shall come standard with tie down eyes on track frame
- 6.1.6.Operators Station
  - 6.1.6.1. A color LCD monitor system which includes as standard - Fuel level and coolant temperature gauges, maintenance and machine monitoring, performance and machine adjustments, numeric security code, multiple languages, camera ready, hour meter with wake up switch, and jog dial control with interface.
  - 6.1.6.2. The cab shall be sealed and pressurized to maximize operator comfort.
  - 6.1.6.3. Continuous flow must be able to be activated with flow in either direction and at any flow rate
  - 6.1.6.4. Machine must have adjustable auxiliary flow control for better controllability of attachments
  - 6.1.6.5. Pump flow shall decrease (auto-idle) when controls are in neutral
  - 6.1.6.6. Machine must be equipped with a standard power on demand
  - 6.1.6.7. A pattern control changer between ISO and SAE shall be standard within LCD Monitor.
  - 6.1.6.8. Proportional auxiliary control and proportional boom swing control shall be on the joystick
  - 6.1.6.9. The throttle shall be easily adjustable by means of a dial.
  - 6.1.6.10. All controls shall be isolated when the control consoles are raised for entrance or exit of the operator station.
  - 6.1.6.11. The machine shall not be able to start when any of the controls are 'live'.
  - 6.1.6.12. The upper body swing lock shall be automatically applied upon travel or lowering the arm bar.



- 6.1.6.13. Operator's manual for the machine shall be permanently attached to the machine and stored in a lockable container.
  - 6.1.6.14. The rear window shall be able to be removed for escape in case of emergency.
  - 6.1.6.15. Lower front window shall be able to be removed and secured within the cab.
  - 6.1.6.16. Cab door shall be a hinged door design and shall have a mechanism that will lock the door in the open position.
  - 6.1.6.17. Material for all windows shall be polycarbonate.
  - 6.1.6.18. The cab shall have a polycarbonate skylight for visibility when loading at height.
  - 6.1.6.19. Travel pedals shall be available and removable for ease of operation.
  - 6.1.6.20. A four-way adjustable air suspension seat as standard
  - 6.1.6.21. Travel alarm shall be standard
  - 6.1.6.22. HVAC shall be standard with automatic temperature control with sealed and pressurized cab
  - 6.1.6.23. Heater shall have variable heat settings with sealed and pressurized cab
  - 6.1.6.24. Machine shall have multi-function capability of boom swing and upper body swing for extra machine versatility in tight areas
  - 6.1.6.25. Air conditioning shall be standard on cab units with sealed and pressurized cab
  - 6.1.6.26. Boom swing and upper body swing shall be able to be operated at the same time
  - 6.1.6.27. Cab air conditioner shall have a primary filter that can be removed for inspection without any tools.
  - 6.1.6.28. Factory installed AM/FM stereo radio shall be standard includes use of Bluetooth®, USB, auxiliary, and microphone devices.
  - 6.1.6.29. Machine shall have a 3" (76 mm) wide florescent retractable seat belt as standard.
  - 6.1.6.30. Customizable operator settings including speed and response of boom, bucket and stick to adjust per operator preference.
  - 6.1.6.31. Cab shall have a beverage holder capable of holding a standard 12 oz soft drink can.
  - 6.1.6.32. A 12 volt, 5 amp power supply with a cigar lighter type outlet shall be available for use of cell phones and two-way radios.
  - 6.1.6.33. Machine shall have adjustable armrests that can be adjusted without tools
  - 6.1.6.34. Adjustable courtesy lighting shall come standard.
  - 6.1.6.35. Machine shall come standard with removable washable floor mat with molded foot rests
  - 6.1.6.36. Machine shall come standard with coat hook
- 6.1.7. Boom and Stick
- 6.1.7.1. The ability to order the machine with standard or long stick option shall be available.
  - 6.1.7.2. Machine shall come standard with a swing boom
  - 6.1.7.3. Digging force with a standard stick shall be at least 9,000 lb
  - 6.1.7.4. Digging force with a long stick shall be at least 7,500 lb
  - 6.1.7.5. Bucket digging force shall be at least 13,000 lb
  - 6.1.7.6. Bucket rotation angle shall be 180 degrees
  - 6.1.7.7. The stick shall be fitted with a dedicated 8000 lb rated lifting eye
  - 6.1.7.8. A dual lock coupler shall be standard on mechanical or hydraulic quick couplers.



- 6.1.7.9. Machine shall come equipped with a hydraulic thumb
- 6.1.7.10. Machine shall have one piece boom
- 6.1.8. Blade
  - 6.1.8.1. Blade width shall be a minimum of 85"
  - 6.1.8.2. Blade height shall be at least 16" (431 mm)
  - 6.1.8.3. Dozer float shall be standard
  - 6.1.8.4. Blade shall come standard with bolt-on reversible wear edge
- 6.1.9. Swing System
  - 6.1.9.1. Machine shall have a spring applied, hydraulic release automatic swing break
- 6.1.10. Work Tool Options
  - 6.1.10.1. Machine shall come equipped with a hydraulic quick coupler system with lines installed from the factory.
- 6.1.11. Serviceability
  - 6.1.11.1. All daily maintenance areas shall be situated where they can be easily reached from ground level
  - 6.1.11.2. Fuse box shall be easily opened without tools.
  - 6.1.11.3. Track rollers and carrier rollers shall be lifetime lubricated
  - 6.1.11.4. Grease lubricated track shall be provided as standard equipment
  - 6.1.11.5. Track shall have a split-pin type master pin
  - 6.1.11.6. Scheduled oil sampling port for the main hydraulic system shall be provided for hydraulic oil
  - 6.1.11.7. An engine coolant sampling port shall be provided to allow engine coolant to be tested for antifreeze and additive strengths.
  - 6.1.11.8. Radial seal air filter with double layered filter core shall be provided
  - 6.1.11.9. One maintenance-free battery shall be provided.
  - 6.1.11.10. Hydraulic system pressure taps shall be included
  - 6.1.11.11. The engine fan guard shall fully enclose (360°) the engine fan.
  - 6.1.11.12. An electronic priming fuel pump shall be standard.
- 6.1.12. Minimum Service Fill Capacities
  - 6.1.12.1. Fuel tank capacity shall not be less than 20 gal
  - 6.1.12.2. Cooling system shall not hold less than 2.5 gal
  - 6.1.12.3. Engine oil shall not hold less than 3.0 gal
  - 6.1.12.4. Each final drive shall have a capacity of 0.25 gal
  - 6.1.12.5. Hydraulic tank shall not hold less than 14 gal of hydraulic oil.
  - 6.1.12.6. Hydraulic system shall not hold less than 20 gal.
- 6.1.13. Additional Features
  - 6.1.13.1. Must include hydraulic thumb controlled by a thumbwheel located on the joystick
  - 6.1.13.2. Equipped with a 24" Heavy Duty Bucket
  - 6.1.13.3. Equipped with a 48" Ditch Cleaning Bucket
  - 6.1.13.4. Shielded by a Polycarbonate windows
- 6.2. Specifications for 50" Rotary Excavator Mower**
  - 6.2.1. General
    - 6.2.1.1. It is the purpose of the following specifications to describe a self-propelled, hydraulically driven, rotary excavator, which will extend by means of an articulated, two-section excavator boom. The unit will be of the manufacturer's current



production heavy duty model, meeting or exceeding the terms of these specifications. Unit(s) will be the manufacturer's most heavy-duty model available. The manufacturer will furnish parts and operation manuals for the unit(s) bid. The manufacturer will also guarantee equipment against defects in workmanship and materials for a period of 1 year. For any offer to be considered, all items must be standard production model, and not modified for bid purposes.

#### 6.2.2. Cutting Head

- 6.2.2.1. Cutting head will weigh not less than 1300 lbs., and cutting width will be 50" of actual cut.
- 6.2.2.2. Cutting head deck will have heavy duty steel housing, with full length replaceable skid shoes on inner and outer ends. Deck and side plates will be a minimum of 1/2" thickness.
- 6.2.2.3. Hydraulic motor will have a rating of 99 hp.
- 6.2.2.4. Cutting head will be attached to the spindle by (6) 5/8" grade-8 bolts with tapered bolt protector.
- 6.2.2.5. Cutting assembly will be a 23.25" solid 1" thick steel disk with (3) radial cutouts, and (3) case hardened, threaded inserts welded into place with 3/4" thick full length bolt protector (Optional: heavy duty cutting assembly will include (2) 4" diameter hardened weld in blade bolt inserts in a 27.25" solid 1" thick steel elliptical disk with 3/4" thick full length bolt protector.)
- 6.2.2.6. Cutting assembly will accommodate (3) 5/8"x5"x17-3/16" 360° swinging, single edged, brush or grass suction knives, attached to the dish with hexagonal blade bolts, castle nuts, and roll pins. (Optional: heavy duty cutting assembly will accommodate (2) 3/4"x6"x17-1/4" 360° swinging, single edged, brush knives, attached to the dish with larger, extra-heavy duty blade bolts that are 1.75" shanked, 5 5/8" shouldered, with key-way.)
- 6.2.2.7. Pin on mounting bracket will be included (pin on data sheet required with order.)

#### 6.2.3. Spindle

- 6.2.3.1. Spindle will be one piece forged steel, mounted in straight roller bearings.
- 6.2.3.2. Spindle for power to cutting assembly will be 6.5" in diameter at its largest area x 13" long with bearing diameter of 2.755" with a minimum of 4.5" between bearing centers.
- 6.2.3.3. Spindle housing will be attached to the cutting head so as to absorb 240,000 lbs. of shear strength, and distribute this load over an area of 169 inches squared.
- 6.2.3.4. Minimum spindle speed is 1,500 rpm, and directly coupled with a splined end.

#### 6.2.4. Mount

- 6.2.4.1. Mount will be constructed of high strength steel, and may be a standard design or a custom design as needed.

#### General Information:

- The County reserves the right to reject and or all bids or proposals, to waive technicalities, and to make a selection and final award as deemed to be in the best interest of the County.





- Provider selection will be based on the information contained in the bids or proposals, and incomplete or inaccurate information may result in disqualification of a proposal or a bidder.
- The Jones County Board of Commissioners reserves the right to amend or revise bid documents. It shall be the duty of each vendor to monitor the County's website (Vendor Registry) for any addenda that may be issued.
- The proposal submitted by each proposed service provider will be treated as best and final. There will be no opportunity to negotiate fees during the selection process.
- If you plan to use subcontractors to perform any of the work described above, please identify the subcontractors you plan to use and explain the role they would play in this project.
- The County does not guarantee the purchase of any/all equipment.
- The County reserves the right to terminate any contract for this equipment and/or services for any of the following reasons:
  - a. If the equipment/service is not delivered/completed on an agreed-upon schedule.
  - b. If the equipment/services delivered is not the same equipment/services bid.
  - c. Receipt of substandard product/service.
  - d. Poor workmanship.



## DRUG FREE WORKPLACE CERTIFICATION

The signer of the Jones County Contract certifies that the provisions of code sections 50-24-1, through 50-24-6 of the Official Code of Georgia Annotated relating to the \*\* Drug Free Workplace Act \*\* have been complied with in full. The signer further certifies that:

- (1) A drug-free workplace will be provided for the contractor's employees during the performance of the contract: and
- (2) Each contractor who hires a subcontractor to work in a drug-free workplace shall secure from that subcontractor the following written certification:

Subcontractor certifies to the contractor that a drug-free workplace will be provided for the subcontractor's employees during the performance of this contract pursuant to paragraph (7) of subsection (b) of code section, 50-24-3. Also the signer further certifies that he will not engage in the unlawful manufacture, sale, distribution, dispensation, possession or use of a controlled substance or marijuana during the performance of the contract.



## Proposal Submission Form

### Checklist

- References attached
- "Meets Spec?" List Completed and Attached
- Detailed specification document included for both excavator and mower
- Detailed warranty information attached
- E-Verify Affidavit attached
- Application for Public Benefit attached

	Meets Spec?		Notes/Exceptions
	Yes	No	
<b>Excavator Specifications</b>			
<b>Basic Specifications</b>			
Net horsepower at 2200 rpm shall be at least 65 hp according to ISO 9249			
SAE rated gross horsepower at 2200 rpm shall be at least 70 hp according to ISO 14396			
The machine must be a compact radius, short radius, or short tail swing model with a maximum of 18" of overhang over the side of the tracks in the standard configuration			
Operating weight with the cab option less bucket shall be between 18,000 lbs and 22,000 lbs			
Lift capacity without bucket fitted, blade down, and standard stick shall be no less than 7000 lbs at 14'8" (4.5 m) over the front and no less than 3000 lb at 14'8" (4.5 m) over the side.			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Maximum digging depth with a long stick shall be at least 14'			
Maximum digging height with a long stick shall be at least 22'			
Maximum dump clearance shall be at least 15' 6" with a long stick			
Maximum reach with a long stick shall be at least 24'			
Ground clearance shall be not less than 13".			
Manufacturer must offer an optional counterweight on the back of the machine			
<b>Engine</b>			
Engine shall be US EPA Tier 4 Final compliant			
Machine shall be a Turbo Charged, Water-cooled, 4 stroke, 4 cylinder diesel engine.			
Engine displacement shall not be less than 175 cubic inches.			
Engine shall have automatic engine idle that automatically lowers engine revolutions when machine is not in use to save fuel			
Electrical system voltage shall be 12 volt			
Machine shall have a 900 CCA maintenance free battery			
Alternator shall not be rated at less than 60 amps.			
The machine's electrical system shall incorporate a resettable 'circuit breaker' switch.			
All wire harnesses shall be encased in nylon mesh bindings.			
Machine shall have sealed electrical connectors			



	Meets Spec?		Notes/Exceptions
	Yes	No	
All wiring shall utilize color coded wires.			
The cooling system fan shall incorporate a guard.			
Water separator in fuel line shall be factory-installed standard equipment.			
A factory installed high-ambient temperature cooling package capable of working conditions up to 110° F shall be standard.			
The air cleaner shall incorporate both primary and safety elements.			
Machine shall have adjustable automatic engine shutdown			
Machine shall have automatic swing break			
Machine shall be equipped with battery disconnect standard			
Engine shall be equipped with a standard ecology drain			
<b>Powertrain/Transmission</b>			
Travel speed shall be at least 1.5 mph in low and 3 mph in high			
Traction force shall be at least 15,000 lbf in low and 6,000 lbf in high			
Factory installed, standard auto two speed			
<b>Hydraulic System</b>			
Machine shall have one variable displacement piston pump with an output of at least 40 gal/m at 2400 rpm			
Equipment operating pressure shall be at least 4,000 psi.			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Travel operating pressure shall be at least 4,000 psi.			
Operating swing pressure shall be at least 3,500 psi.			
Primary circuit shall have an output of at least 35 gal/min			
Secondary circuit shall have an output of at least 9 gal/min			
An accumulator shall be provided to allow the boom and stick to be lowered to the ground in the case of a dead engine. Also to allow depressurization of hydraulic system in ordered to attach work tools.			
All fittings shall be of the O Ring Face Seal type.			
The boom cylinder circuit shall come standard with zero leak boom section valve for zero boom drift			
Factory installed combined function (one-way/two-way) auxiliary high pressure hydraulic circuit shall be standard.			
Factory installed hydraulics to operate a hydraulic quick coupler shall be included.			
The bucket service shall have a relief valve fitted to protect the cylinder against shock loading.			
Machine shall come standard with a trim feature that can be adjusted.			
The machines travel and throttle functions shall be electro over hydraulic controlled to maintain modulation throughout the machine's life.			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Machine shall have a load sensing, flow sharing, variable margin displacement piston pump system			
Auxiliary hydraulic valve shall be standard with standard hydraulic quick disconnects on the stick			
Machine shall be equipped with smart tech electronic pump that monitors Hydraulic flows, pressure, temperature and ambient temperature			
<b>Undercarriage</b>			
Machine shall come equipped with 18" (450 mm) rubber tracks.			
An idler guard shall be provided to maintain track alignment while traveling or working on slopes.			
Machine shall come standard with hydraulic track adjusters			
Machine shall come standard with tie down eyes on track frame			
<b>Operators Station</b>			
A color LCD monitor system which includes as standard - Fuel level and coolant temperature gauges, maintenance and machine monitoring, performance and machine adjustments, numeric security code, multiple languages, camera ready, hour meter with wake up switch, and jog dial control with interface.			
The cab shall be sealed and pressurized to maximize operator comfort.			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Continuous flow must be able to be activated with flow in either direction and at any flow rate			
Machine must have adjustable auxiliary flow control for better controllability of attachments			
Pump flow shall decrease (auto-idle) when controls are in neutral			
Machine must be equipped with a standard power on demand			
A pattern control changer between ISO and SAE shall be standard within LCD Monitor.			
Proportional auxiliary control and proportional boom swing control shall be on the joystick			
The throttle shall be easily adjustable by means of a dial.			
All controls shall be isolated when the control consoles are raised for entrance or exit of the operator station.			
The machine shall not be able to start when any of the controls are 'live'.			
The upper body swing lock shall be automatically applied upon travel or lowering the arm bar.			
Operator's manual for the machine shall be permanently attached to the machine and stored in a lockable container.			
The rear window shall be able to be removed for escape in case of emergency.			
Lower front window shall be able to be removed and secured within the cab.			





	Meets Spec?		Notes/Exceptions
	Yes	No	
Cab door shall be a hinged door design and shall have a mechanism that will lock the door in the open position.			
Material for all windows shall be polycarbonate.			
The cab shall have a polycarbonate skylight for visibility when loading at height.			
Travel pedals shall be available and removable for ease of operation.			
A four-way adjustable air suspension seat as standard			
Travel alarm shall be standard			
HVAC shall be standard with automatic temperature control with sealed and pressurized cab			
Heater shall have variable heat settings with sealed and pressurized cab			
Machine shall have multi-function capability of boom swing and upper body swing			
Air conditioning shall be standard on cab units with sealed and pressurized cab			
Boom swing and upper body swing shall be able to be operated at the same time			
Cab air conditioner shall have a primary filter that can be removed for inspection without any tools.			
Factory installed AM/FM stereo radio shall be standard includes use of Bluetooth®, USB, auxiliary, and microphone devices.			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Machine shall have a 3" (76 mm) wide florescent retractable seat belt as standard.			
Customizable operator settings including speed and response of boom, bucket and stick to adjust per operator preference.			
Cab shall have a beverage holder capable of holding a standard 12 oz soft drink can.			
A 12 volt, 5 amp power supply with a cigar lighter type outlet shall be available for use of cell phones and two-way radios.			
Machine shall have adjustable armrests that can be adjusted without tools			
Adjustable courtesy lighting shall come standard.			
Machine shall come standard with removable washable floor mat with molded foot rests			
Machine shall come standard with coat hook			
<b>Boom and Stick</b>			
The ability to order the machine with standard or long stick option shall be available.			
Machine shall come standard with a swing boom			
Digging force with a standard stick shall be at least 9,000 lb			
Digging force with a long stick shall be at least 7,500 lb			
Bucket digging force shall be at least 13,000 lb			
Bucket rotation angle shall be 180 degrees			



	Meets Spec?		Notes/Exceptions
	Yes	No	
The stick shall be fitted with a dedicated 8000 lb rated lifting eye			
A dual lock coupler shall be standard on mechanical or hydraulic quick couplers.			
Machine shall come equipped with a hydraulic thumb			
Machine shall have one piece boom			
<b>Blade</b>			
Blade width shall be a minimum of 85"			
Blade height shall be at least 16" (431 mm)			
Dozer float shall be standard			
Blade shall come standard with bolt-on reversible wear edge			
<b>Swing System</b>			
Machine shall have a spring applied, hydraulic release automatic swing break			
<b>Work Tool Options</b>			
Machine shall come equipped with a hydraulic quick coupler system with lines installed from the factory.			
<b>Serviceability</b>			
All daily maintenance areas shall be situated where they can be easily reached from ground level			
Fuse box shall be easily opened without tools.			
Track rollers and carrier rollers shall be lifetime lubricated			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Grease lubricated track shall be provided as standard equipment			
Track shall have a split-pin type master pin			
Scheduled oil sampling port for the main hydraulic system shall be provided for hydraulic oil			
An engine coolant sampling port shall be provided to allow engine coolant to be tested for antifreeze and additive strengths.			
Radial seal air filter with double layered filter core shall be provided			
One maintenance-free battery shall be provided.			
Hydraulic system pressure taps shall be included			
The engine fan guard shall fully enclose (360°) the engine fan.			
An electronic priming fuel pump shall be standard.			
<b>Minimum Service Fill Capacities</b>			
Fuel tank capacity shall not be less than 20 gal			
Cooling system shall not hold less than 2.5 gal			
Engine oil shall not hold less than 3.0 gal			
Each final drive shall have a capacity of 0.25 gal			
Hydraulic tank shall not hold less than 14 gal of hydraulic oil.			
Hydraulic system shall not hold less than 20 gal.			
<b>Additional Features</b>			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Must include hydraulic thumb controlled by a thumbwheel located on the joystick			
Equipped with a 24" Heavy Duty Bucket			
Equipped with a 48" Ditch Cleaning Bucket			
Shielded by a Polycarbonate windows			
<b>Specifications for 50" Rotary Excavator Mower</b>			
<b>Cutting Head</b>			
Cutting head will weigh not less than 1300 lbs., and cutting width will be 50" of actual cut.			
Cutting head deck will have heavy duty steel housing, with full length replaceable skid shoes on inner and outer ends. Deck and side plates will be a minimum of 1/2" thickness.			
Hydraulic motor will have a rating of 99 hp.			
Cutting head will be attached to the spindle by (6) 5/8" grade-8 bolts with tapered bolt protector.			
Cutting assembly will be a 23.25" solid 1" thick steel disk with (3) radial cutouts, and (3) case hardened, threaded inserts welded into place with 3/4" thick full length bolt protector (Optional: heavy duty cutting assembly will include (2) 4" diameter hardened weld in blade bolt inserts in a 27.25" solid 1" thick steel elliptical disk with 3/4" thick full length bolt protector.)			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Cutting assembly will accommodate (3) 5/8"x5"x17-3/16" 360° swinging, single edged, brush or grass suction knives, attached to the dish with hexagonal blade bolts, castle nuts, and roll pins. (Optional: heavy duty cutting assembly will accommodate (2) 3/4"x6"x17-1/4" 360° swinging, single edged, brush knives, attached to the dish with larger, extra-heavy duty blade bolts that are 1.75" shanked, 5 5/8" shouldered, with key-way.)			
Pin on mounting bracket will be included (pin on data sheet required with order.)			
<b>Spindle</b>			
Spindle will be one piece forged steel, mounted in straight roller bearings.			
Spindle for power to cutting assembly will be 6.5" in diameter at its largest area x 13" long with bearing diameter of 2.755" with a minimum of 4.5" between bearing centers.			
Spindle housing will be attached to the cutting head so as to absorb 240,000 lbs. of shear strength, and distribute this load over an area of 169 inches squared.			
Minimum spindle speed is 1,500 rpm, and directly coupled with a splined end.			
<b>Mount</b>			



	Meets Spec?		Notes/Exceptions
	Yes	No	
Mount will be constructed of high strength steel, and may be a standard design or a custom design as needed.			

**TOTAL FOR EXCAVATOR: \$** \_\_\_\_\_

**TOTAL FOR MOWER: \$** \_\_\_\_\_

**GRAND TOTAL: \$** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
\_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_



**Receipt of Addenda**

**Number**

**Signature**

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---





**References**

**Government/Company:**

\_\_\_\_\_

**Contact Person:**

\_\_\_\_\_

**Title:**

\_\_\_\_\_

**Phone Number:**

\_\_\_\_\_

**Project Description:**

\_\_\_\_\_  
\_\_\_\_\_

**Date of Project:**

\_\_\_\_\_

---

**Government/Company:**

\_\_\_\_\_

**Contact Person:**

\_\_\_\_\_

**Title:**

\_\_\_\_\_

**Phone Number:**

\_\_\_\_\_

**Project Description:**

\_\_\_\_\_  
\_\_\_\_\_

**Date of Project:**

\_\_\_\_\_

---

**Government/Company:**

\_\_\_\_\_

**Contact Person:**

\_\_\_\_\_

**Title:**

\_\_\_\_\_

**Phone Number:**

\_\_\_\_\_

**Project Description:**

\_\_\_\_\_  
\_\_\_\_\_

**Date of Project:**

\_\_\_\_\_



## **Contractor Insurance Requirements**

**Contractor's Insurance Provisions:** During the life of the contract and for such additional time as may be required, the contractor will provide, pay for, and maintain in full force and effect the insurance outlined here for coverages at not less than the prescribed minimum limits of liability, covering the contractor's activities, those of any and all subcontractors, or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable.

**Certificate of Insurance:** Before starting work, the contractor will give the owner a certificate of insurance completed by a duly authorized representative of their insurer certifying that at least the minimum coverages required here are in effect and specifying that the liability coverages are written on an occurrence form and that the coverages will not be canceled, nonrenewed, or materially changed by endorsement or through issuance of other policy(ies) of insurance without 60 days advance written notice to:

Jones County Board of Commissioners  
P. O. Box 1359  
Gray, Ga. 31032

Failure of the owner to demand such certificate or other evidence of full compliance with these insurance requirements or failure of the owner to identify a deficiency from evidence provided will not be construed as a waiver of the contractor's obligation to maintain such insurance.

The acceptance of delivery by the owner of any certificate of insurance evidencing the required coverages and limits does not constitute approval or agreement by the owner that the insurance requirements have been met or that the insurance policies shown in the certificates of insurance are in compliance with the requirements.

If the contractor fails to maintain the insurance as set forth here, the owner will have the right, but not the obligation, to purchase said insurance at the contractor's expense. Alternately, the contractor's failure to maintain the required insurance may result in termination of this contract at owner's option.

**Insurance Primary:** All coverage required of the contractor will be primary over any insurance or self-insurance program carried by the owner.

**No Reduction or Limit of Obligation:** By requiring insurance, the owner does not represent that coverage and limits will necessarily be adequate to protect the contractor. Insurance affected or procured by the contractor will not reduce or limit the contractor's contractual obligation to indemnify and defend the owner for claims or suits which result from or are connected with the performance of this contract.



**Duration of Coverage:** All required coverage will be maintained without interruption during the entire term of this contract and following final acceptance of the property by the owner.

**Subcontractor's Insurance:** The contractor will cause each sub-contractor employed by contractor to purchase and maintain insurance of the types specified below. When requested by the owner, the contractor will furnish copies of certificates of insurance evidencing coverage for each subcontractor.

**Insurance Limits and Coverage:** To the extent applicable, the amounts and types of insurance will conform to the minimum terms, conditions, and coverages of Insurance Service Office (ISO) policies, forms, and endorsements.

If the contractor has any self-insured retentions, or deductible under any of the following minimum required coverages, the contractor must identify on the certificate of insurance the nature and amount of such self-insured retentions or deductible and provide satisfactory evidence of financial responsibility for such obligations. All self-insured retentions or deductible will be the contractor's sole responsibility.

**Commercial General Liability:** The contractor will maintain commercial general liability insurance covering all operations by or on behalf of the contractor on an occurrence basis against claims for personal injury (including bodily injury and death) and property damage (including loss of use). Such insurance will have these minimum limits and coverage:

Minimum limits:       \$1,000,000 each occurrence  
                              \$2,000,000 general aggregate with dedicated limits per project site  
                              \$2,000,000 products and completed operations aggregate

**Worker's Compensation:** The contractor will maintain workers' compensation and employer's liability insurance.

Minimum limits:       Workers' compensation – statutory limit  
                              Employer's liability:  
  \$1,000,000 bodily injury for each accident  
  \$1,000,000 bodily injury by disease for each employee  
  \$1,000,000 bodily injury disease aggregate



**Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1)**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of (Jones County) has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

\_\_\_\_\_  
Federal Work Authorization User Identification Number

\_\_\_\_\_  
Date of Authorization

\_\_\_\_\_  
Name of Contractor

\_\_\_\_\_  
Name of Project

\_\_\_\_\_  
Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on \_\_\_\_\_, \_\_, 20\_\_ in \_\_\_\_\_(city), \_\_\_\_\_(state).

\_\_\_\_\_  
Signature of Authorized Officer or Agent

\_\_\_\_\_  
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME  
ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:  
\_\_\_\_\_



**Subcontractor Affidavit under O.C.G.A. § 13-10-91(b)(3)**

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract with (name of contractor) on behalf of Jones County has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the subcontractor with the information required by O.C.G.A. § 13-10-91(b). Additionally, the undersigned subcontractor will forward notice of the receipt of an affidavit from a sub-subcontractor to the contractor within five business days of receipt. If the undersigned subcontractor receives notice that a sub-subcontractor has received an affidavit from any other contracted sub-subcontractor, the undersigned subcontractor must forward, within five business days of receipt, a copy of the notice to the contractor. Subcontractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

**(THIS SHOULD BE 5 TO 6 NUMBERS)**

\_\_\_\_\_ **Federal Work Authorization User Identification Number**

\_\_\_\_\_ **Date of Authorization**

\_\_\_\_\_ **Name of Subcontractor**

\_\_\_\_\_ **Name of Project**

\_\_\_\_\_ **Name of Public Employer**

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on \_\_\_\_\_, \_\_\_\_, 20\_\_ in \_\_\_\_\_(city), \_\_\_\_\_(state).

\_\_\_\_\_ **Signature of Authorized Officer or Agent**

\_\_\_\_\_ **Printed Name and Title of Authorized Officer or Agent**

SUBSCRIBED AND SWORN BEFORE ME  
ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_.

\_\_\_\_\_ **NOTARY PUBLIC**

My Commission Expires:  
\_\_\_\_\_



**Affidavit Verifying Status  
County Public Benefit Application  
Jones County Board of Commissioners**

By executing this affidavit under oath, as an applicant for a Jones County Georgia Business Occupation Tax Certificate, Alcohol License, Taxi Permit or other public benefit as referenced in O.C.G.A. Section 50-36-1, I am stating the following with respect to my application for a Jones County Business Occupation Tax Certificate, Alcohol License, Taxi Permit or other public benefit for \_\_\_\_\_. [Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity]

1) \_\_\_\_\_ I am a United States citizen

OR

2) \_\_\_\_\_ I am a legal permanent resident 18 years of age or older or I am an otherwise qualified alien or non-immigrant under the Federal Immigration and Nationality Act 18 years of age or older and lawfully present in the United States.\*

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of Code Section 16-10-20 of the Official Code of Georgia.

Signature of Applicant:

Date

\_\_\_\_\_

\_\_\_\_\_

Printed Name:

\_\_\_\_\_

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE

\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_

\*

\_\_\_\_\_

Alien Registration number for non-citizens

Notary Public \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

**\*Note:** O.C.G.A. § 50-36-1(e)(2) requires that aliens under the federal Immigration and Nationality Act, Title 8 U.S.C., as amended, provide their alien registration number. Because legal permanent residents are included in the federal definition of "alien", legal permanent residents must also provide their alien registration number. Qualified aliens that do not have an alien registration number may supply another identifying number below:

\_\_\_\_\_



**OPTIONAL — FOR NON-BIDDERS ONLY**

**JONES COUNTY BOARD OF COMMISSIONERS – PURCHASING DEPARTMENT  
NO BID STATEMENT**

In an effort to make the procurement of goods and services for the County as competitive as possible, we are soliciting information from contractors and/or vendors who cannot bid. Your responsiveness and constructive comments will be appreciated. Completion of this form will assist us in evaluating factors which relate to the competitiveness of our bids. Please check any of the boxes below which may apply. Please explain any issues that you feel needs to be addressed.

- Specifications - Restrictive, too light", unclear, specialty item, geared toward one (1) brand or manufacturer only. *(Please explain in detail below).*
- Manufacturing - Unique item, production time for model has expired, etc.
- Bid Time - Insufficient time to properly respond to bid or proposal.
- Delivery Time - Specified delivery time cannot be met.
- Payment - Payment terms unacceptable. *(Please be specific)*
- Bonding - We are unable to meet bonding requirements.
- Insurance - We are unable to meet insurance requirements.
- Removal - Remove our firm from your bidders list for the particular commodity or service.
- Keep - Please keep our company on your bidders list for future reference.
- Project is: \_\_\_\_\_ / Too Large \_\_\_\_\_ / Too Small \_\_\_\_\_ / Site or Location is Too Distant
- Miscellaneous - Do not wish to bid, do not handle this type of item(s) or services, unable to compete, Contract clauses are unacceptable, etc. *(Please be specific)*
- Our company would only be interested in this project as a subcontractor or supplier.

**VENDOR STATEMENT:**

---



---



---

Bid Description: \_\_\_\_\_

Company Name: \_\_\_\_\_

Company Official Name: \_\_\_\_\_

Company Official Signature: \_\_\_\_\_

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

Email Address: \_\_\_\_\_

**JONES COUNTY BOARD OF COMMISSIONERS – PURCHASING DEPARTMENT  
(478) 986-6405 x 161  
leslie.faulk@jonescountyga.org**