

**BID SPECIFICATIONS
FOR
WHEELED EXCAVATOR
VOLVO EW210
\$294,483.00 (INCLUDING OPTIONS) TIER 4**

GENERAL

These specifications shall be construed as the minimum acceptable standards for a wheeled excavator. Should the manufacturer's current published 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 excavator must be a new current production model and shall meet all EPA and other applicable standards at the time of manufacture.

The use of specific names and 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 the 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. If any 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.

FILTERS

The cost of all filters required to perform scheduled maintenance as outlined in the manufacturer's service schedule and to meet warranty requirements shall be included in the bid price of the machine for the period three years or 3,600 hours of use. The filters shall be furnished with each machine purchased or at the option of the purchasing county, may be picked up at the dealership as needed. Assume 1200 annual hours of use to determine filter requirements.

WARRANTY

Bidders shall submit a copy of the manufacturer's standard warranty and a 3-year, 3600 hour power train warranty along with a complete explanation of the warranty with their bid. Warranty shall include service response time of maximum of 36 hours within notification by county.

Yes ___ No ___
Page # _____
or
Attachment _____

WEIGHT

Minimum 45,000 lbs.

Yes ___ No ___
Page # _____

ENGINE

Six (6) cylinders, turbo charged, diesel engine with minimum of 164 NET flywheel horsepower

Yes ___ No ___
Page # _____

Oil and fuel filters of spin-on type, vertically mounted, accessible from ground level

Yes ___ No ___
Page # _____

Automatic engine speed control

Yes ___ No ___
Page # _____

Factory installed fuel line water separator

Yes ___ No ___
Page # _____

Variable speed on-demand fan type cooling system

Yes ___ No ___
Page # _____

Engine designed and produced by equipment manufacturer

Yes ___ No ___
Page # _____

TRANSMISSION

Two-speed power shift, all-wheel drive in both speed ranges with creeper speed

Yes ___ No ___
Page # _____

Maximum travel speed not less than 15 mph

Yes ___ No ___
Page # _____

Travel speed lock

Yes ___ No ___
Page # _____

HYDRAULICS

Variable displacement, closed center, load sensing hydraulic system Yes ___ No ___
Page # _____

Minimum 43 gallon hydraulic oil tank Yes ___ No ___
Page # _____

Travel circuit maximum pressure not less than 5,075 psi Yes ___ No ___
Page # _____

Implement circuit maximum pressure not less than 5,075 psi Yes ___ No ___
Page # _____

High pressure hydraulics circuit capable of powering high speed cutting attachment Yes ___ No ___
Page # _____

Single rocker pedal controls Yes ___ No ___
Page # _____

Plumbed and equipped with all hydraulic lines necessary to run saw attachment. Yes ___ No ___
Page # _____

AXLES/BRAKES

Front steering axle pivotally mounted to the frame and free to oscillate not less than 9° in either direction Yes ___ No ___
Page # _____

Minimum Turning Radius (Outside of Tire) 26.7 ft. Yes ___ No ___
Page # _____

Minimum 14" ground clearance Yes ___ No ___
Page # _____

Maximum tractive force/drawbar pull 25,175 lb. Yes ___ No ___
Page # _____

ELECTRONICS, ELECTRONIC CONTROLS, ELECTRIC SYSTEM

Electronic fluid level check at machine start-up with operator warning for the following fluids: engine coolant, hydraulic oil Yes ___ No ___
Page # _____

Lighter/Power Supply Yes ___ No ___
Page # _____

24 volt electrical starting system Yes ___ No ___
Page # _____

Alternator rated at not less than 75 amps Yes ___ No ___
Page # _____

Two 12 Volt Heavy Duty, Maintenance Free Batteries Yes ___ No ___
Page # _____

Central diagnostic function to record system parameters and faults Yes ___ No ___
Page # _____

Cab monitor warning display when oil and filter maintenance interval is due Yes ___ No ___
Page # _____

Cab monitor text warning messages of problems and international fault codes display Yes ___ No ___
Page # _____

Central diagnostic function to record system parameters and faults Yes ___ No ___
Page # _____

Master electrical disconnect switch that cuts all electrical power to all circuits Yes ___ No ___
Page # _____

BOOM STICK AND PERFORMANCE

One piece boom 18'4" minimum length with 9'6" minimum stick length

Maximum reach at ground level not less than 32' 5" Yes ___ No ___
Page # _____

Maximum digging depth not less than 21'-3" Yes ___ No ___
Page # _____

Maximum bucket digging force with standard trenching bucket not less than 29,000 lbs. Yes ___ No ___
Page # _____

Maximum stick digging force not less than 23,379 lbs. Yes ___ No ___
Page # _____

Maximum lifting capacity at ground level 20' from machine with two stabilizers down not less than 18,000 lbs. Yes ___ No ___
Page # _____

Anti-drift valves for stick and bucket cylinders Yes ___ No ___
Page # _____

Approx. 1 cubic yard rigid ditching bucket

Yes ___ No ___
Page # _____

SWING MECHANISM

Max. Swing Speed not less than 9 rpm

Yes ___ No ___
Page # _____

Swing Torque not less than 41,303 ft-lb

Yes ___ No ___
Page # _____

Automatic swing brake

Yes ___ No ___
Page # _____

OUTRIGGERS

Four (4) pin-on and interchangeable, independently controlled (Front/Rear)
(Note: Either front or rear will be deleted if the Dozer Blade option is chosen)

Yes ___ No ___
Page # _____

CAB

Roading, tail, and turn lights

Yes ___ No ___
Page # _____

Falling objects guard

Yes ___ No ___
Page # _____

Suspension seat with lumbar support

Yes ___ No ___
Page # _____

Sliding door window

Yes ___ No ___
Page # _____

Control levers mounted to suspension seat

Yes ___ No ___
Page # _____

Shock reducing dampening mounts

Yes ___ No ___
Page # _____

Factory installed CD/MP3/radio

Yes ___ No ___
Page # _____

Factory installed air conditioning with easy removable primary filter

Yes ___ No ___
Page # _____

Tiltable left-hand control console

Yes ___ No ___
Page # _____

All hydraulic controls locked out when console is in raised position.

Yes ___ No ___
Page # _____

Console must be in raised position for engine start-up

Yes ___ No ___
Page # _____

Sky-light/Transparent Roof

Yes ___ No ___
Page # _____

Tilt able steering column

Yes ___ No ___
Page # _____

Back-up alarm

Yes ___ No ___
Page # _____

Rear View Camera

Yes ___ No ___
Page # _____

Retractable seat belt

Yes ___ No ___
Page # _____

TIRES

11.00-20, 16ply dual wheels

Yes ___ No ___
Page # _____

GENERAL:

Anti-skid, punched steel star plate covering the entire normal walking surface of the upper structure

Yes ___ No ___
Page # _____

Centralized maintenance and greasing points accessible from ground level

Yes ___ No ___
Page # _____

Wiper and washer for lower windshield

Yes ___ No ___
Page # _____

Fuel capacity not less than 78 gal.

Yes ___ No ___
Page # _____

OPTIONS

Bid must include the following:

BRUSH CUTTING ATTACHMENT:

52" mulching blade disc/cutter with cupped and bullet teeth, made of astralloy 28 teeth on cutting disc, Extra set of teeth supplied with unit, Flex coupling between hydraulic motor and bearing housing, Heavy-duty 3/8" steel shroud and 3/8" T1 reinforced wear plates under bearing housing, Drive hub allowing change to 3 blade disc from disc operation, HD Cast steel bearing housing, high alloy retaining bolts, and sealed spherical roller bearings, quick connect/disconnect coupling to allow quick change of cutting attachment and bucket. Shall include all necessary auxiliary hydraulic capacity and controls for proper operation and function of this attachment.

Yes ___ No ___
Page # _____

Front or Rear Dozer Blade in lieu of one set of outriggers, which shall include all necessary components for this attachment to be fully functional.

Yes ___ No ___
Page # _____

Additional 2 years of filters based on 1200 hours per year use

Yes ___ No ___
Page # _____

An extended power train warranty that covers an additional two (2) years or an additional 2400 hours, whichever occurs first.

Yes ___ No ___
Page # _____

NOTE: Award will be made on the basis of the total cost of the machine with all options included. However, a county may, at its discretion, deduct one or more of the above-referenced options from the machine, and in such event, the cost of the option as stated on the bid shall be deducted from the total cost of the machine. There shall be no other deductions and no additions made to the machine by the purchasing county or by the vendor.

OPTION COST SHEET FOR WHEELED EXCAVATOR TIER 4

<u>Option</u>	<u>Option Price</u>
Cutting Head with Auxiliary Hydraulics	\$ <u>38,273.00</u>
Dozer Blade	\$ <u>NO CHARGE</u>
Extended warranty	\$ <u>1,428.00</u>
Additional 2 years of filters	\$ <u>1,850.00</u>

NOTE: Award will be made on the basis of the total cost of the machine with all options included. However, a county may, at its discretion, deduct one or more of the above-referenced options from the machine, and in such event, the cost of the option as stated on the bid shall be deducted from the total cost of the machine. There shall be no other deductions and no additions made to the machine by the purchasing county or by the vendor.

COUNTY JOINT BID PROGRAM PURCHASE PROCEDURES

Effective January 1, 2008

All purchases by counties pursuant to the County Joint Bid Program shall be made by (1) mailing or faxing the appropriate Purchase Order to the vendor who has been awarded the contract for the item to be ordered and (2) faxing a copy of the Purchase Order to the Association of County Commissions of Alabama (ACCA) office at 334-263-7678. Purchase Order Forms and all necessary information regarding the vendor and items available can be obtained at the ACCA website (www.alabamacounties.org).

Each purchase order shall be signed by the person authorized by the county to sign and shall include the County Joint Bid Program Item Number. A copy of the form submitted shall be retained by the county.

The county shall deal directly with the company representative for the vendor in making purchases under this program. The vendor shall complete all orders in compliance with its agreement under the program, and shall deal directly with each county in processing and completing their orders and in complying with service and warranty requirements. Road sign vendors should keep in mind that they are required to deliver all items to the location identified by the county ordering them within thirty (30) calendar days from the date of order, and the cost of any items not delivered within this time period will be reduced in price by 10%.

It is important to remember that under Code of Alabama 1975, § 41-16-50(b), all purchases made pursuant to this program shall be subject to the terms and conditions of Alabama's Competitive Bid Law. Therefore, counties are only authorized to purchase the specific items awarded under the program according to the bid specifications and must comply with these procedures in placing all orders.

There can be no deletions or additions to items purchased under this program, except as specifically provided for in the bid specifications. Optional equipment authorized under the bid specifications on certain heavy equipment orders may be deleted by the county at the time of purchase, and in that event, the cost of that item as provided by the vendor shall be deducted from the total cost of the item.

**COUNTY JOINT BID PROGRAM
WHEELED EXCAVATOR TIER 4
PURCHASE ORDER FORM**

***This form must be mailed or faxed to the Vendor with
Copy faxed to the ACCA Office at 334-263-7678***

Date of Order: _____ County Purchase Order No. _____

County: _____ County Contact Person: _____

County Address: _____

County Phone Number: _____

County Fax Number: _____

E-mail Address: _____

Equipment Model or Item Name and Number: VOLVO EW210

Number of items ordered: _____ Price per item: _____

Vendor: Cowin Equipment Company Inc. Company Contact: John Edwards

Vendor address: 3120 Hayneville Road
Montgomery, AL 36108

Deliver to the Attention of: _____

Delivery Address: _____

Requested delivery date: _____

Name of person making purchase request: _____

Title: _____

Authorized County Signature: _____

Initial confirming form sent to vendor: _____

Initial confirming form sent to ACCA: _____