

**BID SPECIFICATIONS
FOR
LIGHT DUTY BACKHOE
416F2
\$88,076.00 (INCLUDING OPTIONS)**

GENERAL

These specifications shall be construed as the minimum acceptable standards for a light duty loader/backhoe. 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 light duty loader/backhoe 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 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 and include last date purchase order can be accepted for delivery date no later than December 31, 2017. All written warranties to be submitted shall be attached to the Bid Submittal Form.

BID PRICE

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

MANUALS

Each unit will be provided with one (1) copy of the operator's manual(s) and one (1) copy of the current parts manual(s). 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 five (5) years or 7,500 hours 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 that 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 base bid price of the machine for the period of three years or 3600 hours. 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 hours of annual 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 _____

ENGINE

Four (4) cylinder: four (4) stroke cycle, minimum 232 cubic inch diesel engine, capable of developing a minimum of 74 NET flywheel horsepower.

Yes ___ No ___
Page # _____

STARTING SYSTEM

Shall be equipped with a 12 volt electrical system, heavy duty starting motor.

Yes ___ No ___
Page # _____

TRANSMISSION

Power shuttle transmission.

Yes ___ No ___
Page # _____

Minimum of four (4) speeds forward and two (2) reverse speeds.

Yes ___ No ___
Page # _____

Rear wheel drive with or without limited slip differential. Minimum travel speed: 20 mph.

Yes ___ No ___
Page # _____

CONTROLS AND HYDRAULICS

Full hydraulic two (2) lever controls with hydraulic load sensing system.

Yes ___ No ___
Page # _____

FRONT END LOADER

Loader Bucket -- 1.12 min. cu. yd. heavy duty 4 in 1 bucket

Yes ___ No ___
Page # _____

Loader breakout force (lbs.) -- 8,500 lbs.

Yes ___ No ___
Page # _____

Loader lift capacity max. height (lbs.) -- 5,200 lbs.

Yes ___ No ___
Page # _____

BACKHOE – TWO LEVER CONTROL SYSTEM (FIXED LENGTH DIPPER STICK)

Backhoe Bucket -- 24 in. heavy-duty rock bucket (4 teeth)

Yes ___ No ___
Page # _____

Bucket breakout force (lbs.) -- 11,000 lbs.

Yes ___ No ___
Page # _____

Backhoe stick digging force -- 7,000 lbs.

Yes ___ No ___
Page # _____

Backhoe maximum digging depth -- 14 ft. 2 in.

Yes ___ No ___
Page # _____

Boom Lift @ 12 ft. -- 2,700 lbs.

Yes ___ No ___
Page # _____

BRAKES

Service brakes – hydraulic wet disk

Yes ___ No ___
Page # _____

Parking brake

Yes ___ No ___
Page # _____

TIRES AND OUTRIGGERS

Reversible type for use on both paved and non-paved surfaces

Yes ___ No ___
Page # _____

Minimum 19.5L – 24/10 PR rear tires and wheels

Yes ___ No ___
Page # _____

Minimum 12L – 16/8 PR front tires and wheels

Yes ___ No ___
Page # _____

OIL ANALYSIS

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

Yes ___ No ___
Page # _____

WEIGHT (STANDARD OPERATING)

The factory specified operating weight only. No additional weights may be added for the purpose of meeting these specifications. Minimum 13,500 lbs. SAE standard

equipped with 2 wheel drive and ROPS Canopy.

Yes ___ No ___
Page # _____

SAFETY DEVICES

Include a fire extinguisher that meets current minimum OSHA requirements complete with Mounting hardware installed on the machine.

Yes ___ No ___
Page # _____

Include a rotating or flashing safety beacon installed on top of the cab.

Yes ___ No ___
Page # _____

OPTIONS

Bid must include the cost for each of the following options, itemized separately on the bid:

Enclosed ROPS cab (low profile), sound suppressed with factory installed air conditioner/heater, AM/FM stereo radio and vandalism protection.

Yes ___ No ___
Page # _____

Heavy duty 4 in 1 front loader bucket. (Counties have the option of purchasing a heavy duty general purpose bucket in place of the heavy duty 4 in1 bucket.)

Yes ___ No ___
Page # _____

Heavy duty rock backhoe bucket. (Counties have the option of purchasing a heavy duty general purpose bucket in place of heavy duty rock bucket.)

Yes ___ No ___
Page # _____

Mechanical front wheel drive

Yes ___ No ___
Page # _____

Extendable dipper Stick with all necessary hydraulics and controls

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 # _____

OPTION COST SHEET FOR LIGHT DUTY BACKHOE

<u>Option</u>	<u>Option Price</u>
Enclosed ROPS cab as in bid specifications.	\$ <u>7,186.00</u>
Heavy duty 4 in 1 front loader bucket.	\$ <u>1,372.00</u>
Heavy duty rock backhoe bucket.	\$ <u>115.00</u>
Mechanical front wheel drive.	\$ <u>6,462.00</u>
Extendable dipper stick with all necessary hydraulics and controls.	\$ <u>3,035.00</u>
Extended warranty	\$ <u>353.00</u>
Additional 2 years filters	\$ <u>1,996.00</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
LIGHT DUTY BACKHOE 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: 416F2

Number of items ordered: _____ Price per item: _____

Vendor: Thompson Tractor Company Contact: Jay Smith

Vendor address: P.O. Box 10367
Birmingham, AL 35202-0367

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: _____