

**BID SPECIFICATIONS
FOR
PORTABLE ASPHALT MILLING-RECYCLING ATTACHMENT-OPTION A
Asphalt Zipper Model 300 B
\$89,950.00**

GENERAL

These specifications shall be construed as the minimum acceptable standards for a diesel powered portable asphalt milling-recycling attachment, which attaches to the front of a backhoe/loader, and shall be complete with a trailer specifically designed to transport the unit from one job to the next. 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 portable asphalt milling-recycling attachment must be a new current production model and must meet all current EPA and other Federal standards.

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. 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 and one (1) copy of the owner's manual. Units will not be accepted for delivery until the manuals as outlined above are received by the purchaser.

WARRANTY

Units purchased under this specification shall be warranted against defects in materials and workmanship for a period of not less than six (6) months or 200 hours, whichever occurs first, from date of delivery to customer. Items thought to be defective will be returned to factory prepaid to be repaired or replaced.

YES	NO
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ENGINE

Water cooled, five (5) cylinder tier 2 turbo diesel developing 99 hp at rated RPM.

YES	NO
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Shall be equipped with 12-volt electrical system including starter, battery, wiring harness, and alternator.

YES	NO
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Unit shall be equipped with engine manufacturer's approved air cleaner, oil, and fuel filters, adequate exhaust system, and all necessary gauges and equipment for efficient operation including tachometer, oil pressure, engine oil

YES	NO
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temperature, belt tension indicator, skid foot down pressure indicator, and hydraulic filter back pressure.

Unit shall contain an engine management shut-down system that includes: low oil pressure shut down, high oil temperature fault, low voltage indication warning, fan belt breakage fault, hour meter, and starter protection lockout.

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CONTROL AND INSTRUMENT PANEL

Shall be remote type, which can be in the cab of the backhoe/loader to allow the operator to monitor engine functions without leaving the cab.

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Unit shall include engine fluid temperature, oil pressure, fuel level, and tachometer.

YES	NO
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Unit shall include emergency stop button. Unit shall include controls for depth, engine speed, and bucket clamping.

YES	NO
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Unit shall include indicators for belt tension and skid foot down pressure.

YES	NO
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CUTTER HEAD ASSEMBLY

Assembly shall be securely attached to the machine's main frame, enclosed by heavy-duty cowling.

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Unit shall be equipped with a hatch to allow inspection and maintenance of the cutter head.

YES	NO
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Unit shall have a maximum cutting depth of approximately 10" (ten inches).

YES	NO
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Unit shall have a standard cutting width of 30" (thirty inches).

YES	NO
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Unit shall have a minimum of 76 snap-in bits with washers mounted individual blocks.

YES	NO
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The cutter head and housing shall be designed so that only pulverized materials leave the cutter head assembly.

YES	NO
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CUTTER HEAD DRIVE

The power from the engine shall be transmitted to the cutter head through a power take-off system and V-belts to a planetary reduction gearbox at the cutter head drum.

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MOUNTING SYSTEM

Unit shall be designed and recommended by the manufacturer to attach to the front bucket of loader/backhoe with a minimum 1.0 cubic yard bucket.

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YES	NO
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Unit shall have hydraulically actuated pressure bucket locking system.

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Attachment system shall allow the backhoe/loader to load and unload the machine from its transport trailer. All necessary parts and accessories required for attachment to the backhoe/loader shall be furnished.

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TRAILER

Unit shall be heavy-duty (7,500-lb. minimum) single axle trailer specifically designed by the manufacturer for transporting the asphalt milling/trenching/recycling machine.

YES	NO
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Furnished frame shall be constructed of steel channel rectangular steel tubing with all welded construction. Shall have steel wheels, hubs shall run on tapered roller bearings.

YES	NO
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Tires shall be of size and load carrying capacity to handle unit at highway speeds.

YES	NO
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Unit shall have steel fenders covering the tires.

YES	NO
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Unit shall be equipped with electric brakes and automatic breakaway system in compliance with current ICC requirements, and adjustable trailer coupler for varying pintle or ball heights.

YES	NO
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Unit shall come with 4-independent attachments that secure machine to trailer.

YES	NO
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Unit shall have 70 grade safety/breakaway chains with ratchet style load binders.

YES	NO
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Unit shall have lockable toolbox, tongue jack, and all necessary lights and reflectors to meet DOT and ICC requirements.

YES	NO
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WEIGHT

Milling/trenching/recycling machine (without trailer) shall have a maximum weight of 4,800 pounds.

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ADDITIONAL EQUIPMENT

Three tools for changing cutter bits and an extra set of carbide bits and blocks shall be provided. Two safety chains with latching hooks shall be included.

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COLOR

Units shall be primed and painted with factory standard colors. Shall include manufacturer's standard warning, safety, and instructional decals. Shall have identification decal.

YES	NO
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TRAINING

The successful bidder shall furnish qualified personnel to instruct operators and service technicians on operation and maintenance of units purchased under this specification. Up to two hours of training in the correct use and maintenance of the machine will be given at time of delivery.

ASSEMBLY

Unit shall be assembled, adjusted, and made ready for continuous operation at time of delivery. All necessary parts, accessories, and tools for efficient operation of this unit shall be furnished whether or not they are specifically mentioned in this specification, including standard equipment as regularly furnished by the manufacturer, unless specifically excluded by this specification.

OPTIONS

There are no options included for this bid item.

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.acca-online.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
PURCHASE ORDER FOR ASPHALT MILLING ATTACHMENT-OPTION A
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: _____

Number of items ordered: _____ Price per item: _____

Vendor: Asphalt Zipper, Inc Company Contact: Douglas Angus

Vendor address: 831 East 340 South Suite 100
 American Fork, UT 84003

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: _____