

BID SUBMITTAL FORM
Alabama County Joint Bidding Program
BID ITEM – ASPHALT MILLING ATTACHMENT- OPTION D

Company Name: Asphalt Zipper, Inc.

Address: 310 West 700 South
Pleasant Grove, UT 84062

Bid Submitted by: Dave Fokken
(Name of company representative)

Title: Vice President of Sales e-mail address: davef@asphaltzipper.com

Phone: 801-847-3220 Fax: 801-847-3250

By submitting this bid, we agree:

Initials

The equipment model number identified below meets the bid specs for this bid item

dtf

That the bid price will be honored for all counties for the period from Jan. 1, 2019 to Dec. 31, 2019.

dtf

The equipment will be delivered at the bid price to all counties participating in the joint bid program

dtf

The company representative listed above will be the contact person for purchasing this bid item under the joint bid program

dtf

The bid is accompanied by a current catalog or model specification document for the model number identified below

dtf

The bid is accompanied by a copy of the manufacturer's standard warranty as required in the bid specifications

dtf

The bid includes the e-verify documentation required by Alabama law

dtf

If awarded the bid, a performance bond will be provided upon request

dtf

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

dtf

ASPHALT MILLING ATTACHMENT- OPTION D

Total Bid Price for Standard Machine: \$ 159,755 (48 Inch Cutting Head)
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) *

Freight Preparation and Delivery: \$ 3,370
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 164,696

Equipment Model #: AZ 480 E

Description: 48" Asphalt Milling Attachment with T4 engine package

Signature of company representative submitting bid: David T Felle

Title: Vice President of Sales

Total Bid Price for Standard Machine: \$ 206,600 (72 Inch Cutting Head)
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) *

Freight Preparation and Delivery: \$ 3,665
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 212,990

Equipment Model #: AZ 720 E

Description: 72" Asphalt Milling Attachment with T4 engine package

Signature of company representative submitting bid: David T Felle

Title: Vice President of Sales

* **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 ASPHALT MILLING ATTACHMENT- OPTION D

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*

ditto

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

ditto

Equipment Model #: AZ480E (or 720E)

Description: 48" (72") Asphalt Milling Attachment with T4 engine package

Signature of company representative submitting bid: David T. Felt

Title: Vice President of Sales

***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
ASPHALT MILLING ATTACHMENT- OPTION D**

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 loader by way of the bucket, 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 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. 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 one (1) year and unlimited 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 <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
PG # <u>1,2,3</u>	
Attachment <u>spec</u>	

ENGINE

Engine: Water-cooled, "Cummins" six-cylinder Tier 4 EPA compliant, to a water-cooled, 6.7liter diesel developing no less than 200 hp at rated RPM and generating 527 foot-pounds of torque.

YES <input checked="" type="checkbox"/> NO
PG # 1

Shall be equipped with 24-volt electrical system including starter, battery, wiring harness, and alternator. Alternator shall produce 28 volts and 70 amps

YES <input checked="" type="checkbox"/> NO
PG # 1

The engine shall have manufacturer approved fuel and oil filters, approved type air cleaner that consists to a two-element filter system, and an adequate exhaust system. Fuel tank shall have a capacity of no less than 40 U.S. Gallons. Cooling system shall be protected to -20 F with ethylene glycol type antifreeze in compliance with engine manufacturer's specifications. Tachometer and a digitally controlled multifunction display panel that can selectively indicate, at a minimum; fuel level, engine hours, percent engine load, engine oil pressure, system voltage, and engine temperature.

YES <input checked="" type="checkbox"/> NO
PG # 1

CONTROL AND INSTRUMENT PANEL

Shall be equipped with an operator control panel located on the belt cage side of the machine. This allows machine operator to control depth of cut and throttle function on curb side of machine away from traffic. A key switch to control engine start, run and shut off, clutch on/off, and water on/off will also be mounted on this panel as well as a maintenance hatch open/close control and an emergency stop switch.

YES <input checked="" type="checkbox"/> NO
PG # 1

Wireless Remote Control: The unit shall have a wireless remote control consisting of a receiver and hand-held transmitter that will be able to control engine speed, depth of cut, clutch on/off, and water on/off and will also be able to shut off the engine from a distance of fifty feet.

YES <input checked="" type="checkbox"/> NO
PG # 2

CUTTER HEAD ASSEMBLY

Heavy Duty Z Pro Cutter Head: The Cutter Head is equipped with Z Pro Cutter head and is securely attached to the machine's frame and enclosed by heavy-duty cowling. Maximum cutting depth of approximately 12" (Twelve Inches) and a maximum cutting width of 48" (forty-eight Inches), it has a minimum of 142 snap-in bits that insert into locator blocks that are welded securely to a locator base that is then securely welded to the skin of the cutter head. The cutter head and housing are designed so that only pulverized materials leave the drum assembly.

YES <input checked="" type="checkbox"/> NO
PG # 1

Cutter Head Service Access Hatch:

Unit shall be equipped with a powered hydraulic system that will lift an access hatch to expose the cutter head for service. This system will be independent of the active hydraulic system and will operate without the diesel engine running.

YES <input checked="" type="checkbox"/>	NO
PG # 2	

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. Drive belt tension shall be regulated by the use of an idler wheel and hydraulic cylinder. The proper belt tension shall be monitored by a gauge mounted on the machine frame and visible to the operator on the ground.

YES <input checked="" type="checkbox"/>	NO
PG # 1	

MOUNTING SYSTEM

Unit shall be designed and recommended by the manufacturer to attach to the front bucket of loader/ with a minimum 3 cubic yard bucket.

YES <input checked="" type="checkbox"/>	NO
PG # 2	

Hydraulic Bucket Clamps:

Unit shall be equipped with a hydraulic bucket clamping and chain tensioner system to secure the unit to the bucket of the host vehicle. This bucket clamping system shall be actuated by the active hydraulic system. System shall maintain a minimum pressure of 1500 psi. The system shall have pressure relief valve to safeguard against over pressurizing the system.

YES <input checked="" type="checkbox"/>	NO
PG # 2	

Attachment system shall allow the loader to load and unload the reclaiming / trenching machine from its transport trailer. Mounting of the machine shall not require the removal of the bucket nor shall it require the use of a quick connect or attachment pins.

YES <input checked="" type="checkbox"/>	NO
PG # 2	

ACTIVE HYDRAULIC SYSTEM

The machine is equipped with a hydraulic system consisting of a hydraulic gear pump that is engine powered by an auxiliary drive adapter, includes a reservoir, suction screen, pressure side filter, hydraulic manifold with motor center valves, lines and two cylinders each to actuate and control the depth of cut, bucket clamp, baffle, and bit access hatch.

All hydraulic fittings are leak free and have an O-ring face seal or O-ring boss design. Hydraulic fluid is dyed red to distinguish it from other engine fluids. The reservoir holds 7.5 U.S. gallons of hydraulic fluid.

YES <input checked="" type="checkbox"/>	NO
PG # 1,2	

All hydraulic fittings shall be leak free and O-ring face seal or O-ring boss design. Hydraulic fluid shall be dyed red to distinguish it from other engine fluids. The reservoir shall hold at least 7.5 U.S. gallons of hydraulic fluid.

YES <input checked="" type="checkbox"/> NO
PG # 2

WEIGHT

Milling/trenching/recycling machine (without optional trailer, optional removable side shift and tilt system, optional enhanced containment system, and optional water system) shall have a maximum dry weight of 11800 pounds.

YES <input checked="" type="checkbox"/> NO
PG # 2

ADDITIONAL EQUIPMENT

Three tools for changing cutter bits and an extra twenty-five carbide bits and five extra blocks shall be provided. Two bucket retention chains equipped with grab hooks and slip locks shall be included.

YES <input checked="" type="checkbox"/> NO
PG # 2

COLOR

Units shall be powder coated with factory standard colors. Shall include manufacturer's standard warning, safety, and instructional decals. Shall have identification and serial number decals.

YES <input checked="" type="checkbox"/> NO
PG # 2

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 four hours of training in the correct use and maintenance of the machine will be given at time of delivery.

YES <input checked="" type="checkbox"/> NO
PG # 2,3

Production Model:

Unit shall be a model currently in production by manufacturer and must have been placed into operation with other customers for a period of at least 12-months prior to bid.

YES <input checked="" type="checkbox"/> NO
PG # 2

Optional Upgrade to 72" Version:

As an option, the same piece of equipment is available in a six-foot-wide model. The specifications are the same as those listed above with the following exceptions: a. Engine: shall be a 6.7-liter diesel engine developing 260 hp at rated RPM and generating 730 foot-pounds of peak torque. b. Heavy Duty Z Pro Cutter Head: Shall have a maximum cutting width of 72" (seventy-two inches). c. Mounting: The Unit shall be designed and recommended to mount to the front bucket of a wheel loader with a minimum 3 1/2 cubic yard bucket. d. Weight: shall have an approximate dry weight of 13,500 pounds.

YES <input checked="" type="checkbox"/> NO
PG # 3