

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

Company Name: Asphalt Zipper, Inc.

Address: 310 West 700 South, Pleasant Grove, UT 84062

Bid Submitted by: Dave Fokken (Sales) / Stephanie Johnson (Contract Administrator)
(Name of company representative)

Title: Sales /Contract Administrator

e-mail address: davef@asphaltzipper.com (sales)

Phone: 801-785-0706

Fax: 801-785-0857

By submitting this bid, we agree:

Initials

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

sj - exceptions

That the bid price will be honored for all counties for the period from Jan. 1, 2018 to Dec. 31, 2018.

sj

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

sj

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

sj - Sales Contact

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

sj

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

sj

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

sj

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

sj

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

sj

Total Bid Price for Standard Machine: \$ \$152,980
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs)*

Freight Preparation and Delivery: \$ 1,500
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 155,403

Equipment Model #: AZ480-200E

Description: Asphalt Zipper Reclamation Machine AZ480-200E

Signature of company representative submitting bid: 

Title: Contract Administrator

* **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

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*

sj_____

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

sj_____

Equipment Model #: AZ480-200E

Description: Asphalt Zipper Reclamation Machine AZ480-200E

Signature of company representative submitting bid: 

Title: Contract Administrator

***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 C

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 and include last date purchase order can be accepted for delivery date no later than December 31, 2018. 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 or 400 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
PG # _____	
Attachment _____	

ENGINE

Water cooled, six (6) cylinder turbo diesel developing minimum 200 hp at rated RPM. Fuel capacity shall be no less than 40 US gallons.

YES	NO
PG #	

Shall be equipped with 12-volt electrical system including starter, battery, wiring harness, and alternator.

YES	NO
PG #	

Unit shall be equipped with engine manufacturer's approved air cleaner, oil, and fuel filters, adequate exhaust system, and all necessary gauges and equipment that shall include tachometer, engine emergency stop control, 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	NO
PG #	

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.

YES	NO
PG #	

CONTROL AND INSTRUMENT PANEL

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

YES	NO
PG #	

Operator control panel shall be equipped with an operator control panel located on the belt cage to control depth of cut and throttle function.

YES	NO
PG #	

Operator panel shall also include a key switch to control engine start, run and shut off will also be mounted on this panel as well as a maintenance hatch open/close control and an emergency stop switch.

YES	NO
PG #	

CUTTER HEAD ASSEMBLY

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

YES	NO
PG #	

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

YES	NO
PG #	

Unit shall have a maximum cutting depth of approximately 12" (twelve inches).

YES	NO
PG #	

Unit shall have a standard cutting width of 48" (forty-eight inches).

YES	NO
PG #	

Unit shall have a minimum of 130 snap-in bits that insert into blocks welded securely to the skin of the cutter head.

YES	NO
PG #	

The cutter head and housing shall be designed so that only pulverized materials leave the cutter head assembly.

YES	NO
PG #	

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 air bag. Air bag pressure shall be monitored by a gauge mounted on the machine frame and visible to the operator on the ground.

YES	NO
PG #	

MOUNTING SYSTEM

Unit shall be designed and recommended by the manufacturer to attach to the front bucket of loader/ with a minimum 2.5 cubic yard bucket.

YES	NO
PG #	

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

YES	NO
PG #	

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	NO
PG #	

ACTIVE HYDRAULIC SYSTEM

The machine shall be equipped with a hydraulic system consisting of a hydraulic gear pump that is engine powered by an auxiliary drive adapter, reservoir, pressure side filter, hydraulic manifold with tandem center valves, lines and two cylinders to actuate and control depth of cut.

YES	NO
PG #	

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 four U.S. gallons of hydraulic fluid.

YES	NO
PG #	

TRAILER

Unit shall be heavy-duty (12,000-lb. minimum) tandem axle trailer specifically designed by the manufacturer for transporting the asphalt milling/trenching recycling machine.

YES	NO
PG #	

Furnished frame shall be constructed of steel channel rectangular steel tubing or beam with all welded construction. Shall have steel wheels, hubs shall run on tapered roller bearings.

YES	NO
PG #	

Tires shall be 235/80R16 load range D with the capacity to handle unit at highway speeds.

YES	NO
PG #	

Unit shall have steel fenders covering the tires.

YES	NO
PG #	

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
PG #	

Unit shall come with 4-independent attachments that secure machine to trailer.

YES	NO
PG #	

Unit shall have 70 grade safety/breakaway chains with ratchet style load binders.

YES	NO
PG #	

Unit shall have lockable toolbox, tongue jack, all necessary lights and reflectors to meet DOT and ICC requirements and shall be complete with trailer wiring connectors.

YES	NO
PG #	

WEIGHT

Milling/trenching/recycling machine (without trailer) shall have a maximum weight of 8400 pounds.

YES	NO
PG #	

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.

YES	NO
PG #	

Unit shall be equipped with a skirt type device that will serve several functions. This device will support the machine while operating and can be adjusted to control the depth of cut. This device will also reduce the amount of debris that could be ejected from the dome by acting as a shield. The device will also allow for new material such as crushed gravel or emulsions to be mixed with the pulverized asphalt. The device shall have three detachable skid feet which can be replaced with optional, extended height skid feet to allow for a larger opening for greater amounts of material to be introduced to the cutter head and drum.

YES	NO
PG #	

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
PG #	

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.

YES	NO
PG #	

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.

YES	NO
PG #	