

BID SUBMITTAL FORM
Alabama County Joint Bidding Program
TRAILER MOUNTED POTHOLE PATCHER
- Diesel Option

Company Name: COBLENTZ EQUIPMENT & PARTS CO., INC.

Address: 10400 HIGHWAY 80 E.
MONTGOMERY, AL 36117

Bid Submitted by: MATTHEW COBLENTZ
 (Name of company representative)

Title: VP e-mail address: matthew@coblentzep.com

Phone: 334-215-8600 Fax: 334-215-8532

By submitting this bid, we agree:

Initials

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

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

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

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

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

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

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

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

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

**TRAILER MOUNTED POTHOLE PATCHER
- Diesel Option**

Total Bid Price for Standard Machine: \$ 67,369.⁰⁰
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) *

Freight Preparation and Delivery: \$ 995.⁰⁰
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 85,500.⁰⁰

Equipment Model #: P2-DIESEL

Description: TRAILER MOUNTED POTHOLE PATCHER
* INCLUDES 12 VOLT NOZZLE HEATER

Signature of company representative submitting bid: 

Title: VP

* 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
TRAILER MOUNTED POTHOLE PATCHER -
Diesel Option**

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*

10%

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

✓

Equipment Model #: P2 - DIESEL OPTION

Description: TRAILER MOUNTED POTHOLE PATCHER

Signature of company representative submitting bid: MADGby

Title: VP

***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
TRAILER MOUNTED POTHOLE PATCHER – Diesel Option**

GENERAL

These specifications shall be construed as the minimum acceptable standards for a Trailer-mounted patcher. 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 for bid offered shall include all standard manufacturers' equipment. The one-man pothole patcher must be a new current production model and shall meet all EPA applicable standards at the time of manufacture.

The use of specific names and numbers in the specification 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 bid price shall include all destination charges, delivery charges, title fees, rebates, and all other applicable costs and refunds.

MANUALS

Each unit will be provided with one (1) copy of the operator's manuals, one (1) copy of the current parts manuals and (1) copy of the repair 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 from the date of delivery to customer. Items thought to be defective will be returned to factory prepaid to be repaired or replaced.

Yes No
Page # _____
or
Attachment _____

MINIMUM REQUIREMENTS

The trailer-mounted machine shall be designed and constructed to repair larger cracks, potholes, and broad areas. The machine shall be capable of blowing water, dust or debris from the pothole or surface to be repaired. The machine must be capable of patching while moving forward or reverse, must be capable of patching at temperatures as low as 5 degrees F. The machine must be capable of performing each of the following functions:

- clean cracks and surfaces
- spray liquid asphalt emulsion over area to provide a tack coat
- apply emulsion-coated aggregate to provide a high-density patch
- cover repaired area with dry aggregate

DIMENSIONS

Width and height to meet State and Federal requirements without requiring oversize permits.

WARRANTY

Units purchased under this specification shall be warranted against defects in materials and workmanship for a period of not less than one year from date of delivery to customer. Bidder's warranty policy must be included.

Yes ___ No ___
Page# _____
or
Attachment _____

BEST MACHINE REQUIREMENTS

Spray injection design with aggregate supplied from tow vehicle by gravity feed tube.

Yes ___ No ___
Page # _____
Yes ___ No ___
Page # _____

Trailer mounted and rated for highway class use.

Diesel powered with engine enclosure.

Yes ___ No ___
Page # _____

Electric blanket heated emulsion tank.

Yes ___ No ___
Page # _____

Emulsion working capacity of 250 gallons.

Yes ___ No ___
Page # _____

Overnight electric heating for maintaining emulsion temp.

Yes ___ No ___
Page # _____

Stop/turn sealed lighting including clearance lights.

Yes ___ No ___
Page # _____

EMULSION HEATING and STORAGE

Construction:

The tank must be a pressure vessel and ASME certified.

Yes ___ No ___

Page # _____

Rating:

250 gallon capacity, 200PSI working pressure at 500 degrees.

Yes ___ No ___

Page # _____

Insulation:

Min. R15 rated fiberglass insulation.

Yes ___ No ___

Page # _____

Outer Skin:

Waterproof fire retardant fiberglass construction.

Yes ___ No ___

Page # _____

Loading Hatch:

Filler opening to be a min. 12" and be equipped with the bolt closures.

Yes ___ No ___

Page # _____

Cleanout Valve:

Min 3" drain valve to be installed at the bottom of the tank.

Yes ___ No ___

Page # _____

Heating source:

Tank to be wrapped with 2 electric blankets for overnight heating. Min. 1500W x (2) 120VAC. A thermostat and overnight heating extension cord to be included. Heating probes will not be considered for alternate.

Yes ___ No ___

Page # _____

Operating temperature:

System must be capable of maintaining heat to allow operation of patcher at 5 degrees F.

Yes ___ No ___

Page # _____

TRAILER MINIMUM REQUIREMENTS

Adjustable Hitch:

A 2-1/2 towing ring that is adjustable in height from 15" to 30 high.

Yes ___ No ___

Page # _____

Fenders:

Minimum 12 gauge horizontal surface steel fenders.

Yes ___ No ___

Page # _____

Jack:

A swing-away weight appropriate adjustable screw jack to be provided.

Yes ___ No ___

Page # _____

Axle System:

The trailer to have a dual axle leaf spring system and be rated at a GAWR (Gross Axle Weight Rating) of 12,000 lbs.

Yes ___ No ___
Page # _____

Trailer Brakes:

Electric brakes, emergency breakaway switch, radial tires, and two 3/8" x 4 foot long safety chains with slip hooks to be included.

Yes ___ No ___
Page # _____

Lighting:

Dual oval stop, tail, and turn lights to be included. Clearance lighting also to be included.

Yes ___ No ___
Page # _____

Directional Arrow Board:

A directional arrow board to be mounted at the back of the machine and be selectable for left/right or both traffic control.

Yes ___ No ___
Page # _____

DELIVERY SYSTEM

Wiring Harness:

The lighting harness to be woven loom with weather proof connectors at all lights.. a six way round plug will be included.

Yes ___ No ___
Page # _____

REQUIREMENTS

Hooper:

Trailer mounted with integral screen with opening for slide gate.

Yes ___ No ___
Page # _____

Slide Gate:

Air operated with min 4" stroke air ram.

Yes ___ No ___
Page # _____

Venturi:

Designed to draw aggregate into air stream. Must have access panel

Yes ___ No ___
Page # _____

Aggregate delivery tube:

Min 3.5" ID schedule 40 pipe 10ft. in length. Designed to be rotatable for maximum life.

Yes ___ No ___
Page # _____

Aggregate delivery hose:

Aggregate hose to be min. 3.5" ID. Non-kinking, plastic wire reinforced rubber neoprene-lined hose with a min. length of 164".

Yes ___ No ___
Page # _____

Fatigue-Free Aggregate hose boom:

The boom to be a three section device that allows the operator to move throughout its full radius using only very light force from one hand, and shall be adjustable for height.

Yes ___ No ___
Page # _____

Operator Safety:

The boom design must keep the boom and the operator well out of the adjoining lane.

Yes ___ No ___
Page # _____

Emulsion Hose Heating:

A 12 volt pump to circulate heat transfer oil through a pipe inside the emulsion tank and min. 3/8" diameter lines the full length of the hose to the emulsion nozzle, then back. All parts including: emulsion valves, hose, and nozzle to be heated by this hot fluid heating system.

Yes ___ No ___
Page # _____

Heated Vent - Flow Nozzle:

The nozzle to be designed so it diffuses/slows down the air stream at the tip to minimize overspray. The emulsion nozzle will be slotted to create a single fan of emulsion to properly coat the aggregate. The nozzle will be low voltage DC heated to prevent material build up during cold weather operation.

Yes ___ No ___
Page # _____

ENGINE and CLEANOUT REQUIREMENTS

Diesel Engine:

The unit will be equipped with a water cooled direct injected, diesel engine.

Yes ___ No ___
Page # _____

Engine Enclosure:

The engine will be protected with a lockable engine enclosure that is certified by the manufacturer.

Yes ___ No ___
Page # _____

Engine Protection:

Auto Shutdown protection will be provided for alternator, oil pressure coolant temperature. An hour meter and RPM gauge will be included.

Yes ___ No ___
Page # _____

Engine HP:

The engine will be rated at no more than 74HP and be able to operate the delivery system to fill a patch with ¼" stone @ 1100 RPM and 1 ½ stone at no more than 1800 RPM.

Yes ___ No ___
Page # _____

Engine HP:

The engine will be rated at no more than 74HP and be able to operate the delivery system to fill a patch with ¼" stone @ 1100 RPM and 1 ½ stone at no more than 1800 RPM.

Yes ___ No ___
Page # _____

Protection:

Engine Cover will enclose engine, battery and Air Compressor.

Yes ___ No ___
Page # _____

Controller:

Engine controller must be accessible without having to open engine cover and contain The Hour Meter, RPM Gauge and shutdown for Oil, Water and Battery.

Yes ___ No ___
Page # _____

Fuel System:

The unit will include a min. 18 gallon Diesel Fuel tank.

Yes ___ No ___
Page # _____

Emulsion Flush System:

A min. 13 gallon pressurized vessel will be included for flushing of emulsion lines and nozzle after use. It shall be equipped with a pressure relief valve set at 110 PSI.

Yes ___ No ___
Page # _____

Clean out box:

A clean out box to be mounted to the frame of the machine so that operator can place wand in box to flush emulsion lines and nozzle. The entire nozzle clean out procedure may not get emulsion or diesel on the operator

Yes ___ No ___
Page # _____

BLOWER AND COMPRESSOR REQUIREMENTS:

Blower will be rated at min. 450 CFM @ 7psi @ 1500 RPM.

Yes ___ No ___
Page # _____

Lobe style blower direct driven off patcher engine.

Yes ___ No ___
Page # _____

Pop off valve set to 10 psi for protection.

Yes ___ No ___
Page # _____

Dual Stage heavy duty filter element on Blower intake.

Yes ___ No ___
Page # _____

Air muffler to reduce airflow noise required

Yes ___ No ___
Page # _____

No conveyors, augers or pumps will be used in the aggregate or emulsion delivery systems.

Yes ___ No ___
Page # _____

PAINT AND SAFETY DECALS:

The unit shall be painted orange and have required safety decals and signage.

Yes ___ No ___
Page # _____