

BID SUBMITTAL FORM
Alabama County Joint Bidding Program
BID ITEM – ONE MAN POTHOLE PATCHER -
OPTION A

Company Name: Tractor & Equipment Company Inc.
Address: P.O. Box 12326
Birmingham, AL 35212
Bid Submitted by: Aubrey McMillan Jr.
(Name of company representative)
Title: V.P. e-mail address: amcmillan@TEC1943.com
Phone: 205-591-2131 Fax: 205-591-8321

By submitting this bid, we agree:

Initials

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

Am

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

Am

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

Am

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

Am

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

Am

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

Am

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

Am

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

Am

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

Am

ONE MAN POTHOLE PATCHER - OPTION A


Total Bid Price for Standard Machine: \$ 216,600⁰⁰
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) *

Freight Preparation and Delivery: \$ 4,000⁰⁰
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 224,881⁰⁰

Equipment Model #: Rosco RA400

Description: One Man Pothole Patcher - Option A

Signature of company representative submitting bid: 

Title: V.P.

* **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 ONE MAN POTHOLE PATCHER - OPTION A

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*

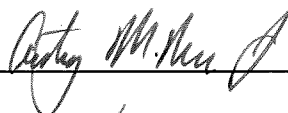
Am

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

Am

Equipment Model #: Rosco RA400

Description: Pothole Patcher - Option A

Signature of company representative submitting bid: 

Title: V.P.

***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 ONE MAN POTHOLE PATCHER - OPTION A

GENERAL

These specifications shall be construed as the minimum acceptable standards for a one-man operated asphalt patching device. 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 shall include all standard manufacturer's equipment. The one-man pothole patcher 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 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 and one (1) copy of the current parts manuals. 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 year from 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 pg 3

MINIMUM REQUIREMENTS

The truck-mounted machine shall be designed and constructed to repair larger cracks, potholes, and broad areas and completely controlled by one person from the driver's position of the truck cab with no support equipment necessary. The machine must be capable of patching while moving forward or reverse, must be capable of patching at temperatures as low as 0 degrees F, and must be able to perform all patching functions with transmission engaged and in motion.

The machine must be capable of performing each of the following functions:

-- clean cracks and surfaces

Yes ☒ No ☐
Page # 2

-- spray liquid asphalt emulsion over area to provide a tack coat

Yes ☒ No ☐
Page # 2

-- apply emulsion-coated aggregate to provide a high-density patch

Yes ☒ No ☐
Page # 2

-- cover repaired area with dry aggregate

Yes ☒ No ☐
Page # 2

DIMENSIONS:

Length: 26' minimum, with boom retracted and 38'5" boom extended.

Width: 8' 6"

Height: 10'

Weight: 18,000 lbs. with standard chassis

Yes ☒ No ☐
Page # 2

CHASSIS: CAB-OVER Peterbuilt or Equivalent

Minimum Requirements:

GVWR: 33,000 lbs.

Front Axle: 12,000 lbs.

Rear Axle: 21,000 lbs. Springs-23,000lbs.

Air Brakes: 20.8CFM @ 2,600 rpm

Engine: 240hp @ 2,400 diesel, with 18.7 CFM Air compressor

Wheelbase: 164"

Cab-to-axle: 153"

Overall Length: 40ft.

Turning Radius: 25'

Yes ☒ No ☐
Page # 2

Tires: Front Single highway tread, Rear dual highway tread

Yes ☒ No ☐
Page # 2

Wheels: Steel Disc Type 10 hole 22.5 x 8.25 inch offset 6.5 inch

Yes ☒ No ☐
Page # 2

Transmission: Allison, 2500 RDS or Equivalent, 5 forward, 1 reverse

Yes ☒ No ☐
Page # att

Misc. Items: Back up lights, Cigar Lighter, Clearance, Identification, Position Lights, Day time running lights, Map light, turn signal/hazard, 12 volt power outlet air, Coolant, Fuel, Temperature Gauge, Speed-o-meter & Trip meter, Tachometer, and back up alarm.

Yes ☒ No ☐
Page # att

AUXILIARY ENGINE:

65hp @ 2600 rpm naturally aspirated 4 cylinder Kubota diesel, Tier 4 Final with in-cab auxiliary engine controls at operators station with tachometer, hour meter and warning system.

Yes ☒ No ☐
Page # 2

HYDRAULICS

The unit shall be equipped with dual hydraulic pump with minimum of 28 GPM for Blower function, 9 GPM for all other functions driven from Auxiliary Engine. Unit shall have a minimum of 20 gallon hydraulic reservoir.

Yes ☒ No ☐
Page # 2

AIR SYSTEM

Should be hydraulically driven by truck PTO and capable of 850 CFM. Inlet air to blower must be filtered through a highly efficient industrial air cleaner, and equipped with a suitable silencing package to reduce blower noise.

Yes ☒ No ☐
Page # 2

AGGREGATE SYSTEM

The low profile aggregate hopper shall hold a minimum of 5 cubic yards of aggregate, the hopper shall be rectangular with a cold weather heat kit, in-cab controlled vibration system, dual electric over hydraulic activated hopper lids with rear access open/close switch. Cab controlled, adjustable, feed slide gate meters aggregate flow. System will accept aggregates up to Ø3/4" (19 mm).

Plus system stored settings; rock flow, emulsion flow and air flow vacuum-operated rock transfer emulsion coating system. System utilizes non-mechanical or moving parts to move aggregate, ease of access to clean and service the slide gate and subsystems. Conveyors and/or paddle feeders are not acceptable.

Yes ☒ No ☐
Page # 2

LIQUID ASPHALT EMULSION TANK

The unit shall be equipped with a 300 gallon insulated liquid asphalt emulsion tank. The tank is to be insulated with a minimum of 4 inches of insulation and completely covered by a weather tight skin. The tank shall be heated by two 4500 watt 240 volt thermostatically-controlled heater elements operating at 120 volts. An alternate heat source shall be provided to maintain heat on the work site, and shall be regulated automatically to prevent over or under heating of materials. The

alternative heat system should also heat all asphalt lines to prevent clogging during operation. The tank should be equipped with a minimum fill opening of 12 inches. A 5 inch dial thermometer, and an emulsion level indicator, visible from the operator's cab shall be attached to the emulsion tank.

Yes ☒ No ☐
Page # 2

ASPHALT EMULSION FEED AND FLUSH SYSTEM

The asphalt system shall be air pressurized to deliver sufficient asphalt to completely cover aggregate at full feed capacity.

Yes ☒ No ☐
Page # att

The delivery system should be capable of maintaining 60 PSI throughout the petroleum resistant delivery hoses.

Yes ☒ No ☐
Page # att

The emulsion should be drawn off the bottom port of the tank to maintain good circulation over heat tube.

Yes ☒ No ☐
Page # att

The tank should be equipped with each access 3-way valve with flush and delivery positions at ground level.

Yes ☒ No ☐
Page # att

The flush system should have 30 gallon minimum capacity and should have provisions for storing used flushed materials.

Yes ☒ No ☐
Page # att

OPERATOR CONTROLS AND FEATURES

All operator controls shall be at easy access from the driver's position. DP 200 LCD display controlled from Plus 1 Can-Bus System in Cab monitors.

Yes ☒ No ☐
Page # 4, att

The unit should be designed so all patching functions, cleaning of surfaces, tack coat, application of high-density patch and dust coating can easily be performed from the driver's positions.

Yes ☒ No ☐
Page # 2, att

Driver's emulsion control valve must have easy on/off controls from operator's joystick.

Yes ☒ No ☐
Page # 2

Joystick to control boom in/out, boom left/right, emulsion valve open/close, aggregate gate open/close. Boom auto stow and override.

Yes ☒ No ☐
Page # 2

The unit shall be equipped with a 30" X 60" arrow board with cab controls for lane control.

Yes ☒ No ☐
Page # 1

The unit shall be equipped with all standard clearance and warning lights.

Yes ☒ No ☐
Page # 2, a#

JET FLUSH WATER SYSTEM

The unit shall have a 30 gallon tank to maintain moisture level of aggregate for improved emulsion penetration. This system should also be capable of flushing entire aggregate feed system for cleaning purposes.

Yes ☒ No ☐
Page # a#

FINISHING

The entire unit shall be primer painted and finished with a high grade of enamel paint to match truck chassis.

Yes ☒ No ☐
Page # a#

Cab mounted display attached to a camera mounted on the rear of the unit so the operator can see behind the truck.

Yes ☒ No ☐
Page # 2, a#