

INVITATION FOR BID NOTICE ISSUED: [03-8-2007](#)

COUNTY OF JEFFERSON, MISSOURI

Department of Administration
729 Maple Street
PO Box 100
Hillsboro, MO 63050
www.jeffcomo.org
636-797-5382

SPECIFICATION CONTACT
WILLIAM KOEHRER
Director of Public Works
636-797-5369

INVITATION FOR BID

POTHOLE PATCHER

BIDS SHALL BE ACCEPTED UNTIL:

TUESDAY, APRIL 10, 2007, at 2:00 p.m. local time.

Thereafter, bids shall be opened in the County Commission Assembly Room.

THREE (3) COMPLETE COPIES OF SEALED BIDS MUST BE DELIVERED TO:

**Office of the County Clerk
County of Jefferson, Missouri
729 Maple Street
PO Box 100
Hillsboro, MO 63050**

The outside of the envelope must contain the vendor's name, address and the following language:

SEALED BID FOR: **POTHOLE PATCHER**

SUBMITTED BIDS ARE SUBJECT TO THE TERMS AND CONDITIONS OF THIS INVITATION FOR BID AND SPECIFICATIONS.

The Agreement/Contract term is from:

04-10-2007 through 04-09-2008.

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful bidder. Price increases for renewals are not authorized unless approved in writing by the County.

_____	_____
Company Name	Authorized Agent (Print)
_____	_____
Address	Signature
_____	_____
City/State/Zip Code	Title
_____	_____
Telephone #	Date Tax ID #
_____	_____
E-mail	Fax #

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1.0 BID REQUIREMENTS

Bidder shall initial all pages and return where the Bid Document denotes “BIDDER”S INITIALS: _____”

1.1 BID SUBMISSION:

Submit bid form in triplicate (three copies) with specification pages, if applicable. No facsimile bids shall be accepted and shall be rejected. The Vendor prior to the submission dead line as stated on page 1 must submit all bids. Late bids will not be accepted and returned to the vendor unopened. The County reserves the right to request additional written or oral information from Respondents in order to obtain clarification.

1.2 BASIS OF BID AWARD:

Award may be made on an item-by-item basis to the lowest and best bidder(s) or award may be made to the lowest and best bid total, whichever provides the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, ability to deliver, or any other reason deemed to be in the best interest of the County. Quantities stated herein represent an estimate for the period stated. Orders shall be placed for actual requirements as needed. The County may reject any or all bids for any reason and may waive any informality. Bids submitted from a Missouri State Contract shall include a copy of the State Contract with the bid. Bid award does not constitute an order or obligation to order by the County. The issuance of a Purchase Order Number shall be construed as acceptance of a Contract with all terms, conditions, and prices firm during the length of the agreement terms.

1.3 BID AWARD:

It is further agreed that the Contract shall not be valid and binding upon the County until approved by the County Counselor, as to legal form and is subject to the Resolutions and Orders of the County of Jefferson, Missouri, and State and Federal Law. If no Bid or Bids have been awarded by the County Commission within thirty (30) days following the opening of the bids then all bids will be deemed Rejected.

1.4 BID PREPARATION:

1. Bidders are responsible for examination of drawings, specifications, schedules and instructions. Failure to do so will be at the bidder's risk..
2. Each bidder shall furnish the information required by the invitation. The bidder shall sign all required documents. All deletions and erasures shall be initialed
3. Alternate bids for supplies or services other than specified shall not be considered unless authorized by invitation.
4. Bidder shall state a definite time for delivery of goods or for performance of services unless otherwise specified in the invitation for bid.
5. When specified, samples must be timely submitted and at no expense to the County.
6. Failure to adhere to all requirements may result in the response being disqualified as non-responsive.

1.5 MODIFICATION OR WITHDRAWAL OF BIDS:

Bids may be modified or withdrawn prior to the exact hour and date specified for receipt of bids, provided the modification or withdrawal is in writing and is delivered in the same manner as a bid submission.

1.6 LATE BIDS:

It is the responsibility of the bidder to deliver his bid or bid modification on or before the date and time of the bid closing to the Office of the County Clerk. Bids received late will be rejected and returned unopened to the bidder.

1.7 BID DEPOSITS:

Bid Deposits are not required unless specified in the specifications.

1.8 MATERIAL AVAILABILITY:

Bidders must accept responsibility for verification of material availability, product schedules and other pertinent data prior to submission of bid and delivery time. It is the responsibility of the bidder to notify the County immediately if the materials specified are discontinued, replaced, or not available for an extended period of time. All materials ordered by the County, shall be as needed. A sample of materials may be requested.

1.9 ALTERNATE BIDS:

Alternate Bids for items will be accepted except when stated “**NO SUBSTITUTIONS**”. Bidders must submit complete specifications on all alternate bids with the bid form. Alternate bids without complete specifications may be rejected. Alternate bids and exceptions to bid clauses must be clearly noted on the bid form. The County may accept or reject alternate bids; whatever is most advantageous to the County.

1.10 INCORPORATION OF DOCUMENTS:

The terms of the Bid Invitation, Bid Specifications, Bid Form are incorporated into the contract as if fully setout therein.

1.11 ADDENDA:

Addenda to bid specifications are incorporated by reference as if fully setout herein. It is the responsibility of the vendor to insure and verify that they are in receipt of and completed all attached addenda's prior to submission of bid forms. Verification is made by contacting the Office of Contracts, Grants, and Special Projects at (636) 797-5382, or by reviewing the County Web Site. (www.jeffcomo.org).

1.12 INSURANCE:

The Vendor/Contractor shall purchase and maintain in force, with an insurance company licensed to do business in the State of Missouri, at it's own expense, such insurance as will protect the Vendor/Contractor from claims which may arise out of or result from the Vendor/Contractor's execution of the work, whether such execution be by himself, his employees, agents, or by anyone for whose acts any of them may be liable. If any such work covered by the Contract is to be performed on County owned or leased premises, the Vendor agrees to carry liability and workman's compensation insurance, satisfactory to the County, and to indemnify the County against all liability, loss, and damage arising out of any injuries to persons and property caused by the Vendor, his sub-contractors, employees or agents. The insurance coverage shall be such as to fully protect the County and the general public from any and all claims for injury and damage resulting by any actions on the part of the Vendor/Contractor or its' forces as enumerated above. All policies must name the County as an additional insured and provide for thirty (30) days written prior to any material changes or cancellation.

THE COUNTY REQUIRES ORIGINAL CERTIFICATES OF INSURANCE BEFORE THE CONTRACT IS AWARDED.

A. Required Not Required **Comprehensive General Liability Insurance**

The Vendor/Contractor shall maintain and keep in force of this Contract such comprehensive general liability insurance as shall protect them from claims which may arise from operations under this Contract, whether such operations be by themselves or by anyone directly or indirectly employed by them. The amounts of insurance shall be not less than \$1,000,000.00 combined single limit for any one occurrence covering both bodily injury and property damage, including accidental death.

B. Required Not Required **Professional Liability Insurance**

The Vendor/Contractor shall provide the County with proof of Professional Liability Insurance, which shall protect the County against any and all claims, which might arise as a result of the operation of the Vendor/Contractor in fulfilling the terms of this Contract during the life of the Contract. The minimum amounts of such insurance will be \$1,000,000.00. Should any work be subcontracted, these limits will also apply.

C. Required Not Required **Worker's Compensation Insurance:**
per Missouri Revised Statutes Chapter 287

The Vendor/Contractor shall maintain and keep in force of this Contract such worker's compensation insurance limits as required by the statues of the State of Missouri and Employer's Liability with limits no less than \$500,000.00.

1.13 BID SUBMISSIONS

Bids submitted on separate forms are NOT acceptable unless specified in the Bid Document. Failure to complete bid forms to the satisfaction of the County may result in rejection of your bid. It is the responsibility of each bidder before submitting a bid to examine ALL documents thoroughly, and request written or oral interpretation of clarifications soon after discovering any conflicts, ambiguities, errors, or omissions in the bidding documents. Request for clarification must be received prior to bid openings.

1.14 BID OPENINGS

Bids will be publicly opened and read aloud at the time indicated on page 1. The bidders and the public are invited but not required to attend the formal opening of the bids. No decisions relating to the award of a contract or agreement will be made at the opening.

1.15 BID TABULATIONS

Bid Tabulations are not available for 5 to 7 business days following the Bid Opening. Bid tabulations are open for public review at the time of the Bid Opening or are available for review in the Office of Contracts, Grants, and Special Projects. **NO COPIES** of bid tabulations are sent to vendors.

2.0 BID RESPONSE AND CONTRACT

2.1 BIDDER REPRESENTATIONS:

The Bidder, by executing the Bid form certifies that:

- A. The bid complies with Invitation for Bid form and Bid Specifications.

2.3 CERTIFICATION OF INDEPENDENT PRICE DETERMINATION:

- A. The prices in the bid shall be independently determined, without consultation, communication, or agreement for the purpose of restricting competition as to any matter relating to price with any bidder or other person.
- B. Unless otherwise required by law, the prices shall not have been knowingly disclosed by the bidder prior to opening.
- C. No attempt has been made or will be made by the bidder to induce any other person or firm to submit or not to submit a bid.

2.4 PRICE:

The price(s) specified in this bid shall be firm and not subject to contingency or reservation. If the Vendor fails to honor stated prices as submitted in the Bid Form or Contract, the County reserves the right to obtain the same items from the next lower vendor who submitted a bid price for the item. The original vendor shall be responsible for the difference in price and required to make restitution to the County for the difference in price. The bidder represents prices specified in the bid do not exceed current selling price for the same or substantially similar good or service, and are the same as or lower than other prices charged to the bidder's most favored customer. In the event the stated prices are determined to be higher than the prices for which Supplier has sold the items, or services, to others, this contract price shall be reduced accordingly. **Bid prices are ALL INCLUSIVE: (Shipping, Handling, Delivery, and Assembly to locations specified by the County). Prices shall be firm for ALL County departments and locations for term of the agreement.**

2.5 MISSOURI DOMESTIC PRODUCT PROCUREMENT ACT:

Bidder represents that the goods provided comply with Sections 34.350 to 34.359, RSMo, known as the Domestic Product Procurement Act. The Act encourages the purchase of products manufactured or produced in the United States, State of Missouri, and County of Jefferson, Missouri. Bidder shall include proof of compliance with the Act with the bid when requested.

2.6 DEFINITIONS:

- A. The term "County" means the County of Jefferson, Missouri and its designated representatives.
- B. The term "Vendor" means Supplier, Contractor, and Seller and includes designated representatives.
- C. The term "IFB" means Invitation for Bid.
- D. The term "Agreement/Contract" means Binding Agreement, Contract, Request for Purchase, Order.

2.7 INSPECTION, ACCEPTANCE AND APPROVALS:

Goods shall at all times and places, including the period of manufacture, are subject to inspection and test by County. County will accept or give notice of rejection of goods delivered within a reasonable time after receipt. Acceptance shall not waive any warranty. All goods supplied are subject to final inspection and acceptance by County notwithstanding payment, prior inspections or approvals. County may require prompt replacement or correction of rejected goods at Supplier's expense, including a reduction in price for rejected goods. Supplier shall not resubmit rejected goods to County without prior written approval and instructions from County. In addition, Supplier shall identify resubmitted goods as previously rejected. Supplier shall provide and maintain a quality assurance and control system acceptable to County.

2.8 WARRANTY:

Unless otherwise agreed to in writing by the parties, Supplier warrants that items ordered to specifications will conform thereto and to any drawings, samples or other descriptions furnished or adopted by County, or, if not ordered to specifications will be fit and sufficient for the purpose intended, and that all items will be new, merchantable, of good material and workmanship, and free from defect. Such warranties, together with Supplier's service warranties and guarantees, if any, shall survive inspection, test, acceptance of, and payment for the items and shall run to County and its assigns. Except for latent defects, the County shall give notice of any nonconformity to the Supplier within one (1) year after acceptance. County may return for credit or require prompt correction or replacement of the defective or non-conforming goods or have the defective

good corrected or replaced at Supplier's expense. Return to Supplier of any defective or non-conforming goods and delivery to County of any corrected or replaced goods shall be at Supplier's expense. Defective or non-conforming items shall not be corrected or replaced without written authorization by County. Goods required to be corrected or replaced shall be subject to the provisions of this clause and the clause hereof entitled "Inspection, Acceptance and Approvals" in the same manner and to the same extent as goods originally delivered under this contract.

2.9 PAYMENT:

County will pay Supplier for goods upon delivery to, submission of certified invoices and acceptance. The County will not be responsible for articles or services furnished without a purchase order. Price is tax-exempt.

2.10 CHANGE ORDER:

County may make changes within the general scope of this contract. If any such changes cause an increase or decrease in the cost of or the time required for the performance of any part of the work, whether changed or not changed by any such order, an equitable adjustment shall be made in the price or delivery schedule or both, and any change order shall be in writing. Any claim by a Supplier for adjustment under this clause shall be asserted within fifteen (15) days from the date of receipt of this written order directing the change, provided, however, County, if it decides that the facts justify such action, may receive and act upon such claim asserted at any time prior to final payment.

2.11 DELIVERIES:

Deliveries shall be made in strict accordance with any delivery schedule contained in the bid specification or contract and in the exact quantity ordered. Failure to adhere to delivery schedule is reason for termination in accordance with the "termination" clause. Deliveries are to be made at locations specified by the County at time of Order.

2.12 RESPONSIBILITY FOR SUPPLIES:

Pursuant to Section 290.560 RSMo, Supplier/Contractor shall employ only Missouri laborers and laborers from nonrestrictive states except that other laborers may be used when Missouri laborers or laborers from nonrestrictive states are not available, or are incapable of performing the particular type of work involved, if so certified by the contractor and approved by the County. Except as otherwise provided, Supplier shall be responsible and bear all risks for loss and damage to goods until delivery at County's facilities, regardless of F.O.B. point, point of inspection or acceptance; and if the goods are rejected.

2.13 SUBCONTRACTS:

Supplier shall not enter into any subcontract(s) in excess of \$25,000 or 20% of this contract price; whichever is less, for any goods without County's prior written approval.

2.14 CHOICE OF LAW:

This bid and contract shall be governed and interpreted according to the laws of the State of Missouri. Venue for any court action shall be in Jefferson County, Missouri.

2.15 TERMINATION:

- A. General: Performance of work may be terminated by the County in whole, or from time to time in part, whenever County shall determine that such termination is in the best interests of County with a thirty (30) day written notice. The Vendor may terminate the Agreement/Contract upon a sixty (60) day prior notice in writing. In the event of any termination of the Agreement/Contract by the Vendor, the County may purchase such supplies and/or services similar to those terminated and for the duration of the Agreement/Contract period the Vendor will be liable for all costs in excess of the established contract pricing.
- B. Bankruptcy or Insolvency: In the event bankruptcy proceedings are commenced by or against Supplier or under any provisions of the United States Bankruptcy Act or for the appointment of a receiver or trustee or a general assignment for the benefit of creditors of either party, County shall be entitled to terminate without further cost or liability. The County may cancel the Agreement/Contract or affirm the Contract and hold the Vendor responsible for damages.
- C. Default: County may terminate the whole Contract or any part in either of the following circumstances:
 - C-1. If supplier fails to deliver the items required by the contract within the time specified; or
 - C-2. If supplier fails to perform any of the other provisions of the contract, or so fails to make progress as to endanger performance of the contract in accordance with its terms, and in either of these two circumstances does not cure such failure within a period of ten (10) days after notice from County specifying such failure. In the event of termination under subparagraph 1, County shall have the right to procure, on such terms and in such manner as it may deem appropriate, items similar to those terminated, and to recover from Supplier

the excess cost for such similar items provided, however, Supplier shall not be liable for such excess costs where the failure upon which the termination is based has arisen out of causes beyond the control of Supplier and without the fault or negligence of Supplier. Such causes shall be deemed to include fires, floods, earthquakes, strikes, and acts of the public enemy. The rights of County provided in subparagraph 1 shall be in addition to any other rights provided by law or the contract.

C-3. In the event of the Supplier's non-compliance with the provisions as set forth, this Contract may be cancelled, terminated or suspended in whole or in part and the supplier may be declared ineligible for further County contracts. The rights and remedies of the County provided in this paragraph shall not be exclusive but are in addition to any remedies provided in this Contract or as provided for by law.

2.16 NOTICE AND SERVICE THEREOF:

Any notice from the County shall be in writing and considered delivered and the service thereof completed when said notice is posted, by certified or regular mail, to the Supplier, at the address stated on the bid form.

2.17 CONTRACT TERM:

Performance shall be governed solely by the terms and conditions as set forth in the Invitation for Bid, Bid Specifications, Bid Form and the Contract notwithstanding any language contained on any invoice, shipping order, bill of lading or other document furnished the Seller at any time and the acceptance by the County for any goods furnished.

2.18 COMPLIANCE WITH APPLICABLE LAWS:

Supplier warrants it has complied with all applicable laws, rules and ordinances of the United States, Missouri or any other Governmental authority or agency in the manufacture or sale of the goods, including but not limited to all provisions of the Fair Labor Standards Act of 1938, as amended.

2.19 ACTS OF GOD:

No party shall be liable for delays, nor defaults due to Acts of God or the public enemy, riots, strikes, fires, explosions, accidents, governmental actions of any kind or any other causes of a similar character beyond its control and without its fault or negligence.

2.20 SELLER'S INVOICES:

Invoices shall contain the following information. Contract number (if any), Purchase Order Number, Item number, contract description of goods or services, sizes, quantities, unit prices and extended totals. Invoices for and inquiries regarding payment should be addressed to the County Accounts Payable Clerk.

2.21 APPROVAL:

It is agreed the acceptance of a Bid shall not be valid and binding upon the County until approved by the County Purchasing Agent, County Commission, and the County Counselor.

2.22 RENEWAL OPTION:

The County reserves the right to negotiate the contract for one (1) additional one-year term with the written consent of the awarded vendor. If the contractor/vendor request an increase in compensation for any renewal period, the vendor shall notify the Office of Contracts, Grants, and Special Projects no less than 60 days prior to the end of the contract period. The County shall notify the Vendor of the intent to exercise the renewal option. However, failure to notify the Vendor does not waive the County's right to exercise the renewal option.

2.23 INDIVIDUAL, PARTNERSHIPS, CORPORATIONS:

Indicate: [] Individual: [] Partnership: [] Corporation.

Incorporated in the State of _____.

VENDORS ARE REQUIRED TO SUBMIT 3 COMPLETE COPIES OF ALL PAGES OF THE INVITATION FOR BID AND BID FORMS WITH ORIGINAL SIGNATURES

ALL DOCUMENT PAGES MUST BE INITIALED AND RETURN

Trailer Mounted SPRAY PATCHING MACHINE
With Pressurized Emulsion System

GENERAL:

Unit offered under this advertisement shall be new, standard production model of the latest design in current production. Complete unit shall comply with applicable requirements of the vehicle code and OSHA.

Bidder must submit with their bid the latest printed specifications and advertising literature on the unit they propose to furnish. All specified items shall be factory installed unless otherwise indicated by the bidder.

Bidder shall supply one (1) parts book, one (1) service, technical and repair manual and one (1) operators manual with each unit purchased.

The bidder shall list on a separate sheet of paper any variations from or exceptions to, the conditions and specifications of this bid. This sheet shall be labeled "Exceptions to Bid Conditions and Specifications," and shall be attached to the bid.

The County reserves the right to demo the patching machine, at no cost on county property for a minimum of one week prior to the award.

It is the intent of these specifications to describe an Trailed Mounted Asphalt Spray Patching Machine in sufficient detail to secure bids on comparable equipment. All parts not specifically mentioned, which are necessary to provide a complete Asphalt Spray Patching Machine shall be included in the bid and shall conform in strength and quality of material and workmanship to what is usually provided to the trade in general. The Asphalt spray Patching Machine shall be a current model under standard production by the manufacturer.

EXAMPLE: The ROSCO Model RA-2000,

Any units not conforming to these specifications will be rejected, and it will be the responsibility of the manufacturer to conform with the requirements unless deviations have been specifically cited by the bidder and acceptance made on the basis of the exceptions.

FUNCTION:

The Asphalt Spray Patching Machine shall be designed and constructed to repair large cracks, potholes and broad areas. The unit shall be capable of performing patching operations at 0° F (17.8°C). The described machine shall use air volume to:

1. Clean cracks and surfaces.
2. Spray liquid asphalt emulsion over area to provide a tack coat.
3. Apply emulsion-coated aggregate to provide a high-density patch.
4. Cover repaired area with dry aggregate.

CHASSIS:

The chassis shall be constructed from heavy-duty rectangular steel tubing. Tandem axles shall be provided with a minimum capacity of 6000 lbs. each. Leaf-spring axle suspension shall be provided for a cushioned ride. Electric four-wheel brakes are to be towing vehicle actuated with a breakaway switch. Tires to be ST225/75-R15 6-Ply or similar with the comparable load rating, highway tread and have removable fenders. The unit shall also have and adjustable pintle eye, safety chains, and led lights (stop, tail, and turn signals), with connector plug for towing vehicle.

ENGINE:

- A. Type – Cummins Diesel, water-cooled, minimum 239 cu. In. displacement.
- B. Rating – 85 Horsepower at 2500 RPM.
- C. Fuel Tank – 24-gallon capacity.
- D. Automotive type electrical system with electric start, 63-amp alternator, and 950 CCA rated 12-volt battery.
- E. Gauges – Tachometer, hour meter, voltmeter, water temperature, and oil pressure gauges mounted at rear of machine for operator visibility.
- F. Air Cleaner – Industrial dual element dry-type air filter with filter plug indicator.

COMPRESSED AIR SYSTEM:

The unit shall be equipped with an air compressor system capable of delivering a minimum of 8.5 CFM. System shall include a 1200 cu. In. reservoir, air governor, gauges, check valve and air regulator.

AIR SYSTEM:

The unit shall be equipped with a lobe type air blower that shall be directly driven by the engine drive shaft. The blower shall be capable of delivering 876 CFM @ 1 PSI and rated to run at 2350 RPM and 12-PSI backpressure. Inlet air to the blower must be filtered through a high efficiency industrial air cleaner. Blower must be equipped with an adequate silencer for noise suppression.

AGGREGATE SYSTEM:

A gravity feed nozzle shall be mounted on the dump truck tailgate.

The receiving hopper shall receive aggregate from the tailgate feeder. The hopper shall be shaped to provide gravity flow of aggregate toward the jet feed. The hopper also shall include an adjustable slide gate to control the flow of aggregate. The educator should be designed as to be able to feed aggregate at maximum feed with no blowback into the receiving hopper. It should be designed to handle aggregate from 1/8"- 1" in size and should work with unwashed materials.

The aggregate shall be dispensed to the main discharge nozzle via an aggregate transfer type hose. The hose shall be 3-1/2" inside diameter, with an abrasion resistant covering both inside and outside.

LIQUID ASPHALT EMULSION TANK:

The unit shall be equipped with a cylindrical 300-gallon nominal capacity insulated liquid asphalt emulsion tank. The emulsion outlet shall be located as to provide complete removal of all asphalt from the tank. The tank must be insulated with a minimum 3 inches of Styrofoam insulation with a minimum R-15 rating and completely covered by a weather tight steel skin. Tank heating when unit is in operation is accomplished by circulating hot water from engine cooling system through heat exchanger tube mounted inside emulsion

tank. Overnight heating is accomplished with two 4500 watt (1125 watt @ 110/120 VAC) electric heat elements; these elements are located in the water heat exchange tube to provide safe indirect heating of the material. The elements are thermostatically controlled from 0-180 degrees. The tank will also be equipped with a 12" fill inlet, 2" tank drain, a 5" diameter temperature gauge, and a heavy-duty direct read contents gauge. Tanks requiring depressurization to determine emulsion levels are not acceptable.

FLUSH SYSTEM:

The flush system shall have a 9.5-gallon capacity tank and be able to flush the entire liquid asphalt system external from the asphalt tank. A reclaim tank will be provided to dispose of used solvent after flushing the system. An electric gear pump shall provide the means of supplying the emulsion to flush the system. Pressurized solvent tanks will not be accepted.

OPERATOR CONTROLS AND FEATURES:

A single valve control shall be used to control the flush and operating mode of the emulsion system. This lever shall be designed to prevent mixing of solvent into the emulsion tank. The following electric controls shall be located at the main discharge nozzle for operator comfort engine throttle, aggregate ON/OFF, flush activate and signal horn. A manual valve shall control the flow of the emulsion. Cable control of engine throttle is not acceptable.

The unit shall be equipped with an articulated boom type support with variable height from 0 to 5 feet from the discharge hose and an effective working radius of 17 ft for operator safety and convenience. The nozzle shall dispense material in a vertical flow for ease of filling hole. The nozzle shall be designed to prevent dripping of asphalt and not spread aggregate outside the area being patched. The boom shall be designed such that the operator position is a minimum of 4 ft. from the discharge nozzle. The boom shall have a built-in adjustable suspension system for ease of operation. The same engine cooling heat system as the emulsion tank shall heat the emulsions hose and nozzle.

FINISH:

The entire unit shall be primer painted and finished with a high grade of paint in the Manufacturer's standard color.

WARRANTY:

ONE YEAR on material and workmanship except hydraulic components which carry the standard hydraulic manufacturer's warranty.

DELIVERY & TRAINING:

The price quoted shall include all transportation charges fully prepaid to the Jefferson County Highway Division West District Maintenance Garage located at Hwy. B and Butcher Branch Road.

The successful bidder agrees to provide an appropriate training program for 8 employees of Jefferson County Highway Division in sufficient scope to assure efficient and economical performance and maintenance of the equipment purchased.

PRICING

MAKE _____ MODEL _____

PRICE PER UNIT \$ _____ each

Your Guaranteed delivery time from the date of bid acceptance is

Dealer Service Location,

How many miles from Hillsboro, Mo to your service location & parts counter

Price Term;

Additional units may be ordered at unit price until _____