



**Request for Bid
For A
Trailer Mounted
Spray Injection Pothole Patching Machine**

Issue Date: Friday, April 21, 2017

Due Date and Time: Monday May 15, 2017

3:00 PM Mountain Time

Receipt Location:

City of Cottonwood Heights
City Recorder's Office
2277 E. Bengal Blvd.
Cottonwood Heights, Utah 84121

Project Description: Cottonwood Heights (the "City") is soliciting bids for a Trailer Mounted Spray Injection Pothole Patching Machine to conduct repairs to asphalt roads. The equipment must be capable of repairing potholes, distressed asphalt areas, asphalt edges at concrete waterways, and asphalt shoulders at a minimum. The specifications are intended to give general parameters for the type and size of equipment the city anticipates purchasing and is not specific to a brand or model. Any bid including specifications close to but slightly outside the parameters may be considered. The City will not

be obligated to move forward with any vendor and will not provide reimbursement for any expenses incurred in providing a response.

General Specifications:

The unit must be a 2015 model or newer

Gravel fed unit through truck tailgate that pulls the pothole patching machine

Operates with compressed air to clean and dry the area to be repaired prior to spraying the area with gravel and asphalt emulsion

Asphalt emulsion coats the aggregate as it is applied to the repair area

Operable by a two-person crew

Identify the temperature operating range of the equipment and what weather conditions it can't be used in

Instrument panel with gauges identifying engine speed, hours of use, water temperature, oil pressure, voltmeter, signal light operation, key ignition and other gauges and meters to aid operation

The trailer unit must include:

Rated for highway speeds at full load

Double Axle

Steel fenders

Electric or hydraulic surge brake system

Running lights, amber safety beacon, arrow boards and brake lights

Wiring harness

Tongue hitch with ability for the city to choose between pintle or ball hitch

Safety chains at hitch

Tongue jack capable of supporting equipment

Tubeless tires and spare

Safety equipment for employee protection

Tool Box

Engine Requirements:

Diesel engine with liquid cooling (specify engine brand)

Lockable engine enclosure to protect engine parts, battery, radiator, etc.

Minimum 70 HP engine

Air filter, oil filter, radiator reservoir and other engine protection systems

Min. 18 gallon fuel tank

Describe emulsion cleanout and flushing process

Blower and Compressor

Identify the compressor ratings of the equipment

Identify the air filter system for the air intake on the blower

Confirm that the compressor will pressurize the emulsion system

Blower to run directly from the engine.

Pressure relief and pop-off valves for protection of system and operator

Emulsion System

Identify the emulsion tank capacity in gallons

Tank heater and insulation system to maintain emulsion temp during overnight storage

Identify how emulsion will be heated while in use

The equipment must include a circulation and heating system for the emulsion as it enters the boom
Identify emulsion tank inlet and drain size

Identify how the emulsion system is flushed for storage and daily cleaning. Include information of what the emulsion is spayed into during cleaning and if it can be reused

Aggregate Feed/Delivery System

Machine capable of using aggregate material between ¼" - ½"

Hopper mounted near trailer tongue to accept material from the bed of the towing truck

No auger or belts permitted in the aggregate delivery system

Aggregate feeding tube and delivery hose of sufficient strength and durability to withstand use

Hose boom must be operational by a single user on the machine and demonstrate how it can be used to reduce fatigue and muscle strain of the operator

Boom must allow the operator to work a minimum 12' away from the side of the machine on both sides and the back of the equipment

Provide an explanation of how the aggregate/emulsion is mixed and applied to the pothole or restoration area

Warranty, Parts Availability and Training

Provide warranty for the equipment

Describe the availability of parts, where they will be available at, and an estimate of how long it will take to acquire repair parts

Provide a plan for operator training upon receipt of the equipment and the availability of manufacture representatives to help troubleshoot problems during use.

Additional Information

Information describing the proprietary features and systems for the brand and model that enhances the performance and operation of the equipment

Contact names of other agencies and companies currently using the proposed unit.

Submission Details:

Bids are encouraged to include a cover letter, pricing information, brochures, specifications, list of references of people or organizations that have or are currently using the equipment, and other information that will help the City choose the best product.

Sealed bids will be received by the Cottonwood Heights, City Recorder's Office at 2277 E. Bengal Blvd. Cottonwood Heights, UT 84121 until Monday May 15 2017, at 3:00 P.M.

Proposals, modifications, or corrections will not be accepted if they are not timely received by the City Clerk/Recorder's Office, regardless of the cause, whether or not by action or inaction of the City, including but not limited to delayed, lost, undelivered or misdirected mail. Facsimile transmitted proposals will not be accepted.

CONTACTS

Any administrative questions regarding bidding procedures should be directed to:
Paula Melgar, City Recorder at pmelgar@ch.utah.gov.

LAST DAY FOR QUESTIONS

The last day to submit questions is Wednesday, May 3, 2017 @ 3:00 pm (MST). This will allow sufficient time for any addenda to be issued by the City to all bidders. All questions must be submitted in writing via email to Paula Melgar, City Recorder at pmelgar@ch.utah.gov.

Bid documents will be available on the City website or via email no later than Friday, April 21, 2017, from Paula Melgar, City Recorder at pmelgar@ch.utah.gov. Potential bidders are urged to email the City Recorder with their full name, company name, address, phone and email address and which bid they are referring to so that they can receive addendums or bid updates.

SELECTION PROCESS

The City will evaluate all responses to the bid that meet the submittal requirements and deadline. Submittals that do not meet the requirement or deadline will not be considered. The City will rank the proposals and may arrange to see and operate a model of the equipment prior to selection (it does not have to be the actual unit that the city may purchase).

The City will consider the following criteria equally when evaluating the proposals: quality and thoroughness of the bid; specifications, and cost.

SPECIAL INSTRUCTIONS TO BIDDERS

I. Submission Requirements and Instructions (All bidder requirements in this section are **mandatory**).

- The City reserves the right to waive any non-material variation, or technicality in any statement received, if the City believes it would serve the best interest of the City. The City may reject any and all Request for Proposals.
- Request for Proposal must be in a sealed package and submitted via mail or hand-deliver, to the City Recorder's office. Each submission must be marked on the outside with the Company's name and the description of the proposal; "Trailer Mounted Spray Injection Pothole Patching Machine."
- Proposers shall submit three (3) hard copies of the Proposal to the City at the address identified above.
- Any bid received after the scheduled closing time for receipt of bids will **NOT** be opened and will **NOT** returned to sender.
- Bids and required attachments shall be submitted as specified. All costs incurred in the preparation of a proposal will be the responsibility of the bidder and will not be reimbursed by the City.

Requests for Supplemental Information

The City reserves the right to require the submittal of additional information that clarifies the bid proposal.

Evaluation Criteria

The evaluation criteria in the following table are intended to be the basis by which each bid will be evaluated, measured, and ranked. The City hereby reserves the right to evaluate, at its sole discretion, the extent to which each proposal received compares to the stated criteria. The staff recommendation to the City Council for approval shall be based on the evaluations using the criteria. Bids are not considered on price alone.

Criteria	Description	Maximum Score
Suitability	Will the equipment suit the desired need of the City?	25
Performance	Does the equipment perform as intended? Are ergonomics of controls satisfactory for average operator? This may include a visit to see a model in operation.	25
References	How has the equipment performed for other users? The bid will include the names and contact information of three references that have used or are currently using the equipment.	25
Cost	What is the cost of the unit? Are credits given for previous rentals? Are there financing options that benefit the City?	25

AWARD OF CONTRACT

The City reserves the right to reject any and all bids, to contract with whomever and in whatever manner the City decides, to abandon the work entirely and to waive any informality or non-substantive irregularity as the interest of the City may require and to be the sole judge of the selection process. The City also reserves the right to negotiate separately in any manner to serve the best interest of the City. The City retains the right at its sole discretion to select a successful vendor(s).