

REQUEST FOR PROPOSALS

Random Crack Sealing Service-Bituminous Concrete Pavement

The Town of Atkinson is requesting proposals from qualified contractors for pricing information and availability for random crack sealing services for bituminous concrete pavement based on a per day cost with an estimated need for 3 days.

All proposals must be received at the Selectmen's Office, 21 Academy Avenue, Atkinson, NH 03822, in a sealed envelope, clearly marked "**2019 CRACK SEALING**" no later than 12:00 Noon Thursday, January 17, 2019. All work must be completed by September 30, 2018 according to specifications, under the supervision of the Road Agent.

For additional information, please contact Road Agent "Ted" Edward Stewart at 603-362-4010, Monday thru Thursday, between 7:00 AM and 3:30 PM.

The successful bidder is expected to provide Certificates of Insurance showing General Liability minimum of \$1,000,000 and Workers' Compensation coverage. Policy will add Town of Atkinson as additional insured.

Any deviation from the above stated specifications must be so noted and any bid prices must be reflective of these deviations. The FOB is always to be Atkinson unless otherwise stated by the bidder. An FOB point other than the Town of Atkinson must be so stipulated by the bidder.

SPECIFICATIONS:

Description:

Work under this section of the specification consists of furnishing all equipment, labor and materials, as required. Successful bidder must perform all operations in connection with the reshaping, cleaning, drying, and sealing of all random, construction and thermal cracks in a bituminous concrete pavement. The removal of all vegetation, grass, dirt, and debris and the preparation of the cracks, as required by the field conditions, and the Road Agent, shall be performed prior to the sealing of the cracks in the bituminous concrete.

Materials:

Materials shall meet the requirements of NHDOT Standards Specification Section 413.

Equipment:

Equipment used in the performance of this work shall be subject to the approval of the Atkinson NH Road Agent and maintained in a satisfactory working condition at all times.

Air Compressor: Air compressors shall be portable and capable of furnishing no less than 100 cubic feet of air per minute at not less than 90 lbs. Per square inch pressure at the nozzle. The compressed shall be equipped with taps that will maintain the compressed air free of oil and water.

Hot-air Lance: Hot-air lances for blowing clean and drying cracks shall be an approved propane gas burner and compressed air device that does not allow the flame to touch the pavement.

Melting Kettle: The unit used to melt the joint sealing compound shall be a double boiler, indirect fired type kettle. The space between the inner and outer shells filled with oil or other heat transfer medium having a flash point of not less than 350 degrees F. The kettle shall include positive temperature controls, automatic and continuous mechanical agitation, recirculating pumps, and thermometers for continuous temperature reading of the sealing compound and the heat transfer medium. The kettle shall be equipped with a thermostat to maintain the sealing compound within the range of temperatures specified by the manufacturer.

Application Wand: The application shall be attached to the kettle with heat resistant hose equipped with shut-off valve capable of completely stopping the flow of material between cracks. The material shall not be allowed to sit idle in the wand for a period greater than thirty (30) seconds. Should the delay be greater than thirty (30) seconds, the material in the wand shall be recirculated into the kettle to ensure proper temperature of the sealant at the time of application. The application wand shall be equipped with a shoe, which will allow material to fill the cracks from the bottom up, and to leave an overband on the surface. The overband shall be kept to a minimum wherever possible.

Preparation:

All cracks are to be cleaned of all dirt, moisture, foreign material, and loose edges by use of a hot-air lance.

Application:

Sealer shall be delivered to the pavement surface with a pressure hose line and applicator shoe at the temperature specified by the manufacturer. Over-band of sealer may not be wider than three (3) inches. A separating agent (as recommended by the manufacturer) shall be applied only as necessary to prevent tracking on sealant (I.E. intersections and driveways).

Traffic Control:

The traffic control shall be in strict adherence to the Manual of Uniform Traffic Control Devices (MUTCD) to ensure the safety of the crew, and traveling public. The setup shall include but not be limited to road signs, safety vests, and flaggers where necessary, and traffic cones. Flaggers provided by the Atkinson Highway Department.