



TOWN OF EXETER, RI

Lynn M. Hawkins, CMC
Town Clerk
Council Clerk
Probate Clerk

675 Ten Rod Road
Exeter, RI 02822
Ph: (401) 294-3891
Fax: (401) 295-1248
clerk@exeterri.gov

TOWN OF EXETER PUBLIC WORKS DEPARTMENT

INVITATION TO BID

MODIFIED ASPHALT CHIP SEAL WITH RUBBER POLYMER IN PLACE

Sealed bid proposals for the above will be accepted in the Office of the Town Clerk, 675 Ten Rod Road, Exeter, RI 02822, until 2:30 p.m. on Wednesday, September 27, 2023.

All bid proposals must be sealed and labeled, "Bid Proposal: Modified Asphalt Chip Seal with Rubber Polymer in Place." Specifications can be found attached to this notice on the Town's Website, obtained by emailing the Town Clerk, clerk@exeterri.gov, or phoning, (401) 294-3891, Ext. 9, or by emailing Public Works, publicworks@exeterri.gov, or phoning, (401) 295-1983.

Bids will be publicly opened and read aloud by the Town Clerk at 2:40 p.m., on Wednesday, September 27, 2023, in Council Chambers, Town Clerk's Office, 675 Ten Rod Road, Exeter, Rhode Island. Copies of the bids submitted will be made available for review.

The bids received will be considered during the Regular Meeting of the Exeter Town Council on Monday, October 2, 2023, at 7:00 p.m., in Council Chambers, at the address above.

The bid will be awarded on the basis of the lowest qualified bid price or the lowest evaluated or responsive bid price. The Town of Exeter reserves the right to reject any or all proposals or any parts thereof, to waive any informalities and/or technicalities in same, or to accept any proposal deemed to be in the best interest of the Town, whether or not it is the lowest bid.

Lynn M. Hawkins, CMC
Exeter Town Clerk

POSTED: September 12, 2023 – October 2, 2023
Town of Exeter Clerk's Office, Public Library, Post Office, and Website
ADVERTISED: September 21, 2023, The Standard Times

BID FORM

**MODIFIED ASPHALT CHIP SEAL
WITH RUBBER POLYMER IN-PLACE**

The bidder proposes to:

A. Supply Rubber Modified Asphalt Emulsion, 3/8" Trap Rock Chip Stone, Asphalt Distributors, Stone Chip Spreader, Pneumatic Tired Roller, experienced Placement Crew, and Haul Trucks, as required by the Bid Specifications.

B. Truck the materials to the various Town road locations and place as directed by the Town and the Bid Specifications.

C. Accomplish the work according to the following unit price:

Rubber Modified Asphalt Emulsion Chipseal, In-Place

Price per Square Yard \$ _____

Total Extended Bid Price in Figures per mile at 20' wide

D. This contract may be extended for one year from completion date, if mutually agreed to by the Town and the Contractor.

BIDDER:

Company Name: _____

Address: _____

Authorized Signature: _____ (seal)

Title

Date: _____

TOWN OF EXETER
SPECIFICATIONS
MODIFIED ASPHALT CHIP SEAL WITH POLYMER RUBBER
In-place

A. DESCRIPTION:

The Rubber Modified Asphalt Emulsion and Stone shall be applied to the existing road surface. The roads to be surfaced with this chip seal shall be selected by the Town. These roads will have been previously leveled, patched, and swept by others.

B. MATERIALS:

1. LIQUID ASPHALT EMULSION: A **CRS-2L** with polymer rubber modification conforming to the specifications of ASTM D2397 and AASHTO M208.

2. STONE: The Stone **3/8" crushed aggregate** consisting of durable crushed trap rock stone. The aggregate shall have a percent of wear by the Los Angeles Abrasion Test of not more than 45 (ASTM test C 131). The stone shall be supplied by the Contractor and shall meet the following gradation

C. APPLICATION RATES:

1. EMULSION: The CRS-2L with polymer rubber modification shall be applied at a rate of .30 to .45 gallons per square yard.

2. STONE: The Stone shall be applied at a rate of 18 to 22 lbs. per sq. yd.

D. EQUIPMENT:

(Bidder shall complete proposed equipment sheet as a part of this bid)

1. CHIPSPREADER: The aggregate spreader shall be a hydrostatically propelled unit capable of uniformly spreading aggregate from minimum width up to a maximum of 18 feet in one pass. The spreader shall have a computerized system with a digital readout of pounds per square yard being applied. This system must be interlocked to ground speed to assure a specific pounds per square yard application, regardless of ground speed variations or spread width changes.

2. DISTRIBUTOR: Two bituminous distributors shall be equipped, maintained and operated such that material can be applied to the road surface at application rates from 0.05 to 1.00 gallons per square yard. The asphalt distributors must be equipped with a computerized application rate control system which will automatically maintain the selected application rate regardless of truck speed, spray width, or transmission gear selection. The ground speed of the distributors must be sensed by radar speed sensors or other approved methods not affected by changes in the rolling radius of the truck tire. The spray bar shall be of the full circulating type, controlled in one-foot increments from the truck cab, and shall be completely integrated with the operation of the computer rate control and shall automatically compensate for truck speed and spray width changes. The system shall be self-diagnostic.

3. PNEUMATIC ROLLER: A minimum of two 9-wheel pneumatic type with a minimum rolling width of six feet. The unit shall be self-propelled and shall be ballasted to a minimum weight of ten tons.

4. DUMP TRUCKS: A minimum of four 23-ton capacity tri-axle dump trucks with tow bars shall be supplied and operated by the contractor. Additional trucks shall be supplied as necessary to allow for continuous production.

E. PREPARATION OF SURFACE:

The town will patch where necessary, and sweep the existing surface to be sealed with a power broom where necessary prior to chip sealing. The contractor shall place tarpaper shields over the existing catch basins, manhole covers, and water gates before sealing. The shields shall be removed immediately after rolling and disposed in a proper manner.

F. QUALITY CONTROL:

The contractor shall have an experienced supervisor on the job at all times to insure proper application of all materials and services.

G. EMULSION APPLICATION TEMPERATURE:

The asphalt emulsion shall be applied at no less than 150 degrees F, and no more than 180 degrees F.

H. WEATHER:

The minimum temperature for application is 60F degrees and rising, with no rain expected.

I. CONTRACT AWARD:

The Town may award the contract to the lowest responsible bidder. The Town reserves the right to reject any or all proposals, if deemed in the best interest of the Town.

J. TOWN PARTICIPATION:

The Town shall furnish the following:

1. Traffic Control and appropriate signs before, during and after the work is completed.
2. Sweeping of chip seal areas before and after surfacing work
(Town shall retain sweepings)

K. NOTES ON CONTRACTOR PARTICIPATION

The Contractor shall furnish the following:

1. Two Computerized Asphalt Distributors and Operators
2. Fully Computerized Chip spreader with Tow Hook and Two Operators
3. Ground Crew for use as needed for handwork
4. Rubber Modified Asphalt Emulsion at proper temperature and viscosity for immediate use.
5. 3/8' Trap Rock Chip Stone
6. Two Rubber Tired Roller with Operators
7. Sufficient 23-ton cap. Tri-Axle Dump Trucks with Tow Bars and Drivers