

NEWTOWN MUNICIPAL CENTER  
3 PRIMROSE STREET  
NEWTOWN, CONNECTICUT 06470  
TEL. (203) 270-6131 / FAX (203) 270-4205



RICK SPREYER

*www.newtown-ct.gov*

**TOWN OF NEWTOWN**  
**PURCHASING AGENT**

Sealed bids will be received at the office of the Financial Director, **3 Primrose Street**, Newtown, Connecticut 06470, until but no later than **11:00 am, Friday, June 21, 2019:**

Cover: **Fine Milling of Hot Mix Asphalt**

The Purchasing Authority of the Town of Newtown reserves the right to accept or reject any or all options, bids or proposals; to waive any technicality in any bid or part thereof, and to accept any bid deemed to be in the best interest of the Town of Newtown.

The Town of Newtown is an Affirmative Action Employer-MBE/WBE are encouraged to bid. Bid specs are available on-line under the Purchasing Department at [www.newtown-ct.gov](http://www.newtown-ct.gov) or by calling the Finance Department at 203-270-4221.

Daniel C. Rosenthal  
First Selectman

Robert G. Tait  
Financial Director

**PURCHASING AUTHORITY**

**TOWN OF NEWTOWN PURCHASING AUTHORITY**  
**INSTRUCTIONS TO BIDDERS**

1. Submit bids in a sealed envelope plainly marked to identify the particular bid. It is the sole responsibility of the bidder to see that the bid is in the hands of the proper authority prior to the bid opening time. Bidders may be present at the opening of the bids.
2. Withdrawals of, or amendments to bids received later than the time and date specified for bid opening will not be considered.
3. The Purchasing Authority of the Town of Newtown reserves the right to accept or reject any or all options, bids, or proposals; to waive any technicality in any bid, or part thereof, and to accept any bid deemed to be in the best interest of the Town of Newtown, Connecticut.
4. Bids may be held by the Town of Newtown for a period not to exceed sixty (60) days from the opening of the bids for the purpose of reviewing the bids and investigating the qualifications of bidders prior to the awarding of the contract.
5. Bids must be submitted on the "Sealed Bid Request" form enclosed at the end of this packet. All items must be filled in (unit cost, trade-in for each unit, etc.). Failure to comply with this requirement will automatically void the bid.
6. Trade-ins, when indicated, will be listed on the Sealed Bid Request form. The Town of Newtown reserves the right to trade all, some or none of the vehicles listed as deemed in the best interest of the Town. Bidders may submit a bid on the new vehicles with or without trade-ins or may submit bids on the trade-ins only, either individually or by lot. Trade-ins must be detailed individually as indicated on the Sealed Bid Request form. Trade-ins may be used in determining the lowest responsible bid.
7. The Town may consider proximity of the vendor's service as a factor in determining lowest price and reserves the right to award in whole or part to one or more vendors.
8. The Town agrees to pay for all equipment within thirty (30) working days after the equipment has been accepted and claim (invoice) presented.
9. Bid Security when required must be by a **certified check, letter of credit or surety bond** for five percent (5%) of the total bid, payable to the Town of Newtown. If a surety bond is enclosed, it shall be written on AIA Document A310, Bid Bond, unless otherwise provided in the Bidding Documents, and the attorney-in-fact who executes the bond on behalf of the surety shall affix to the bond a certified and current copy of the Power of Attorney.

10. The Town of Newtown reserves the right to retain the bid security of Bidders to whom an award is being considered until either: (a) the Contract has been executed and bonds, if required, have been furnished, or (b) the specified time has elapsed so that Bids may be withdrawn or (c) all bids have been rejected.
11. Prior to awarding any contract exceeding \$25,000.00 for the construction, alteration, or repair for any public building or public work, a 100% performance bond and a labor or materialmen's bond must be furnished by the person to whom the contract is awarded.
12. Performance Bond when required must be by a **certified check, letter of credit or performance bond** for one hundred percent (100%) of the total bid. When submitting a performance bond, bonds must be written on AIA Document A312, Performance Bond and Payment Bond. Both bonds shall be written in the amount of the Contract Sum.
13. The successful bidder will be required to post a Certificate of Insurance, with the Town of Newtown named as additional insured, in an amount to be determined by the Town of Newtown.

## **FINE MILLING OF HOT MIX ASPHALT (HMA) (0 TO 4 INCHES)**

**Description:** This work shall consist of the milling, removal, and disposal of existing pavement HMA.

**Materials:** The existing HMA surface shall be disposed of offsite by the Contractor unless otherwise stated in the contract documents.

**Construction Methods:** The Contractor shall remove the HMA material using means acceptable to the Engineer. The pavement surface shall be removed to the line, grade, and existing or typical cross-section shown on the plans or directed by the Engineer.

The equipment for milling the pavement surface shall be designed and built for milling flexible pavements. It shall be self propelled with sufficient power, traction, and stability to maintain depth and slope and shall be capable of removing the existing HMA pavement.

The milling machine shall be equipped with a built-in-automatic grade averaging control system that can control the longitudinal profile and the transverse cross-slope to produce the specified results. The longitudinal controls shall be capable of operating from any longitudinal grade reference, including string line, contact ski (30 feet minimum), non-contact ski (20 feet minimum), or mobile string line (30 feet minimum). The transverse controls shall have an automatic system for controlling cross-slop at a given rate. The Engineer may waive the requirement for automatic grade or slope controls where the situation warrants such action.

The machine shall be able to provide a 0 to 4 inch deep cut in one pass. The rotary drum shall utilize carbide tip tools spaced not more than 5/16 inches apart. The forward speed of the milling machine shall be limited to no more than 45 feet/minute. The tools on the revolving cutting drum must be continually maintained and shall be replaced as warranted to provide a uniform pavement texture. The Contractor may request to perform a test strip to demonstrate that the same surface tolerance can be attained at an increased forward speed. The test strip shall be a maximum length of 500 feet and shall have the same criteria for surface tolerance as noted in this specification. The final decision for implementing the increased forward speed will be at the discretion of the Engineer.

The machine shall be equipped with an integral pickup and conveying device to immediately remove material being milled from the surface of the roadway and discharge the millings into a truck, all in one operation. The machine shall also be equipped with a means of effectively limiting the amount of dust escaping from the milling and removal operation.

When milling smaller areas or areas where it is impractical to use the above described equipment, the use of a lesser equipped milling machine may be permitted when approved by the Engineer.

Protection shall be provided around existing catch basin inlets, manholes, utility valve boxes, and any similar structure. Any damage to such structures as a result of the milling operation is the Contractor's responsibility and shall be repaired at the Contractor's expense.

To prevent the infiltration of milled material into the storm drainage system, the Contractor shall take special care to prevent the milled material from falling into the inlet opening or inlet grates. Any milled material that has fallen into inlet openings or inlet grates shall be removed at the Contractor's expense.

**Surface Tolerance:** The milled surface shall provide a riding surface with a uniform textured appearance. The milled surface shall be free from gouges, longitudinal grooves and ridges, oil film, and other imperfections that are a result of defective equipment, improper use of equipment, or poor workmanship. The contractor, under the direction of the inspector, shall perform random spot-checks with a Contractor supplied ten-foot straightedge to verify surface tolerances at a minimum of five locations per day. The variation of the top of two ridges from the testing edge of the testing edge of the straightedge, between any two ridge contact points, shall not exceed ¼ inch. The variation of

the top of any ridge to the bottom of the groove adjacent to that ridge shall not exceed  $\frac{1}{4}$  inch. Any unsatisfactory surfaces produced are the responsibility of the contractor and shall be corrected at the Contractor's expense and to the satisfaction of the Engineer.

The depth of removal will be verified by taking a measurement every 250 feet per each pass of the milling machine, or as directed by the Engineer. These depth measurements shall be used to monitor the average depth of removal.

Where a surface delamination between layers or a surface delamination of HMA on Portland cement concrete causes a non-uniform texture to occur, the depth of milling shall be adjusted +/-  $\frac{1}{2}$  inch or until delamination is eliminated.

When removing a HMA pavement entirely from an underlying Portland cement concrete pavement, all of the HMA pavement shall be removed leaving a uniform surface of Portland cement concrete, unless otherwise directed by the Engineer.

No vertical faces, transverse or longitudinal, shall be left exposed to traffic. If any vertical face is formed in an area exposed to traffic a temporary paved transition will be established according to the requirements shown on the plans. If the milling machine is used to form a temporary transition, the length of the temporary transition shall conform to, Section 4.06 – Bituminous Concrete, "Transitions for Roadway Surface", the requirements shown on the plans, or as directed by the Engineer. At all permanent limits of removal, a clean vertical face shall be established by saw cutting prior to paving.

The milling operation shall proceed in accordance with the requirements of the "Maintenance and Protection of Traffic" and "Prosecution and Progress" specifications, or other contract requirements. The more stringent specification shall apply.

Prior to opening an area which has been milled to traffic, the pavement shall be thoroughly swept with a sweeper. The sweeper shall be equipped with a water tank and be capable of removing the millings and loose debris from the surface. Other sweeping equipment may be provided in lieu of the sweeper where acceptable by the Engineer.

**Method of Measurement:** This work will be measured for payment by the number of square yards of area from which the milling of asphalt has been completed and the work accepted. No area deductions will be made for minor unmilled areas such as catch basin inlets, manholes, utility boxes and any similar structures.

**Basis of Payment:** This work will be paid for at the contract unit price per square yard for "Fine Milling (0 to 4 inches)". This price shall include all equipment, tools, labor, and materials incidental thereto.

No additional payments will be made for multiple passes with the milling machine to remove the bituminous surface.

No separate payments will be made for cleaning the pavement prior to paving; providing protection and doing handwork removal of bituminous concrete around catch basin inlets, manholes, utility valve boxes and any similar structures; repairing surface defects as a result of the Contractor's negligence; providing protection to underground utilities from the vibration of the milling operation; removal of any temporary milled transition; removal and disposal of millings; furnishing a sweeper and sweeping after milling. The costs for these items shall be included in the contract unit price.

**FINE MILLING (0 to 4 inches)**

**UNIT PRICE**

1 to 1200 Square Yards	_____SY
1201 to 2400 Square Yards	_____SY
2401 to 7800 Square Yards	_____SY
7801 to 15,500 Square Yards	_____SY
Over 15,501 Square Yards	_____SY

**TRAFFIC CONTROL PER SQUARE YARD**

**UNIT PRICE**

Traffic Control Personnel (Certified Flagmen) \_\_\_\_\_/FLAGGER/HOUR

\_\_\_\_\_  
**COMPANY**

\_\_\_\_\_  
**SIGNATURE**

\_\_\_\_\_  
**ADDRESS**

\_\_\_\_\_  
**SIGNED BY (PRINT/TYPE)**

\_\_\_\_\_  
*CITY/STATE/ZIP*

\_\_\_\_\_  
*TITLE*

\_\_\_\_\_  
**TELEPHONE /FAX**

\_\_\_\_\_  
**DATE**

\_\_\_\_\_  
*TAX I.D. NUMBER*