

**TOWN OF NEWTOWN, CONNECTICUT**

**INVITATION TO BID**

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, Wednesday, August 26, 2015:**

Cover: **FULL-DEPTH RECLAMATION - 2015-2016**

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. Specifications and bid documents may be obtained at [www.newtown-ct.gov](http://www.newtown-ct.gov) under the Purchasing Department.



\_\_\_\_\_  
E. Patricia Llodra  
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.

## FULL-DEPTH RECLAMATION

**Description:** Work under this item shall consist of the preparation of a reclaimed subbase course composed of a mixture of the existing bituminous concrete pavement and any underlying granular material. The manufacture of the reclaimed subbase course shall be done by in-place pulverizing and blending of the existing bituminous concrete pavement material and any underlying granular material, thus creating a homogeneous mixture of reclaimed subbase material. This process is known as reclamation. The work shall also consist of shaping, finishing, fine grading, and compaction of the reclaimed subbase material. The entire process shall be accomplished in accordance with these specifications and conform to the specified grades and cross-sections shown on the plans or as directed by the Engineer.

The existing roadway shall be reclaimed to a depth of eight (8) inches from the top of the existing pavement surface, unless otherwise specified.

**Materials:** The reclaimed subbase material shall consist of existing bituminous concrete pavement and any underlying granular material and shall meet the following gradation requirements:

Sieve Size	% Passing
5 inches	100
3.5 inches	90-100

**Construction Methods:** Prior to the start of the reclamation, all utilities and drainage systems shall be relocated as necessary. This work is to be done by the Town.

Methods, equipment, tools, and any machinery to be used during construction shall be approved by the Engineer prior to the start of the project. Prior to the actual reclaiming of the roadway, drop inlets or catch basins that might be affected shall be sufficiently barricaded so as to prevent reclaimed subbase material, silt or runoff from plugging the drainage system.

Sufficient surface drainage must be provided for each stage of construction so that ponding does not occur on the reclaimed subbase course prior to the placement of bituminous concrete.

Reclamation shall be accomplished by means of a self-propelled, traveling rotary reclaimer or equivalent machine capable of cutting through existing bituminous concrete pavement to depths of up to eight (8) inches with one pass. The machine shall be equipped with an adjustable grading blade leaving its path generally smooth for initial compaction. Equipment such as road planers or cold milling machines designed to mill or shred the existing bituminous concrete, rather than crush or fracture it, shall NOT be allowed. Existing bituminous concrete pavement

and any underlying granular material must be pulverized and mixed so as to form a homogenous mass of reclaimed subbase material which will bond together when compacted.

Reshaping using the reclaimed subbase material should be minimized in order to insure that the roadway has a uniform thickness of reclaimed subbase material throughout. Unless otherwise specified, when reshaping the roadway is required, it should be performed utilizing additional subbase or processed aggregate base. The reclaimed subbase material shall be compacted prior to the placement of any additional granular material used (subbase or processed aggregate base). Subsequent to the compaction of the reclaimed subbase material, any reshaped material or additional material placed on the roadway should not exceed five (5) inches in depth before being compacted. All additional processed gravel will be supplied and delivered to the site by the Town. When additional material is supplied by the Town, payment for this work will be made using the hourly rates. In the event that grading of the road results in an excess of material, this material will be placed in windrows by the contractor and will be removed by the Town. There will be no additional payment for this work. The final grade of the reclaimed surface shall be within one (1) inch +/- of the finished grade to receive pavement.

Compaction shall be achieved by the use of at least one vibratory roller having a compaction width of not less than five (5) feet and a gross weight of not less than ten (10) tons. It shall have the capability of producing high amplitude and low frequency vibrations. Additional rollers and compactors may be used. The compaction of the reclaimed subbase material shall be a minimum of 95 percent of the proctor wet density (AASHTO T-180D).

The reclaimed subbase material shall be compacted to the requirements above prior to the placement of traffic on the roadway.

A motor grader shall be used for shaping, fine grading, and finishing the surface of the reclaimed material or any other granular materials placed to form the surface prior to paving.

Any surface irregularities which develop during or after the above described work shall be corrected until it is brought to a firm and uniform surface satisfactory to the Engineer.

**Method of Measurement:** The reclaimed subbase course shall be measured for payment in square yards. The thickness will be eight (8) inches or as directed by the Town.

**Basis of Payment:** This work shall be paid for at the contract unit price per square yard for "Full-Depth Reclamation – Local Roads". This price shall include all preparation and reclamation of the existing roadway and the shaping, finishing, fine grading and compaction of the reclaimed subbase material. The unit price also includes all materials, equipment, tools and labor incidental to the work described above.

**FULL-DEPTH RECLAMATION**

**Item Description (Asphalt Thickness 0 to 3 inches)**

**Unit Price**

Range 1 to 1,500 Square Yards	_____ /SY
1,501 to 3,000 Square Yards	_____ /SY
3,001 to 7,000 Square Yards	_____ /SY
7,001 to 15,000 Square Yards	_____ /SY
Over 15,001 Square Yards	_____ /SY

**Item Description (Asphalt Thickness 3 to 6 inches)**

**Unit Price**

Range 1 to 1,500 Square Yards	_____ /SY
1,501 to 3,000 Square Yards	_____ /SY
3,001 to 7,000 Square Yards	_____ /SY
7,001 to 15,000 Square Yards	_____ /SY
Over 15,001 Square Yards	_____ /SY

**Item Description (Asphalt Thickness over 6 inches)**

**Unit Price**

Range 1 to 1,500 Square Yards	_____ /SY
1,501 to 3,000 Square Yards	_____ /SY
3,001 to 7,000 Square Yards	_____ /SY
7,001 to 15,000 Square Yards	_____ /SY
Over 15,000 Square Yards	_____ /SY

**TRAFFIC CONTROL PER SQUARE YARD**

**Item Description**

**Unit Price**

Traffic Control Personnel (Certified Flagmen)

\_\_\_\_\_ Each

**HOURLY RATES FOR EQUIPMENT WITH OPERATOR**

**Item Description**

**Unit Price**

3 Axel Grader with Tandem Axels over 24,000 lbs

\_\_\_\_\_ /Hour

3 Axel Grader with Tandem Axels over 24,000 lbs Mobilization

\_\_\_\_\_ Lump Sum

Vibratory Roller ten(10)-twelve(12) Ton

\_\_\_\_\_ /Hour

Vibratory Roller ten(10)-twelve(12) Ton Mobilization

\_\_\_\_\_ Lump Sum

Self Propelled Rotary Reclaimer

\_\_\_\_\_ /Hour

Self Propelled Rotary Reclaimer Mobilization

\_\_\_\_\_ Lump Sum

**TOWN OF NEWTOWN  
SEALED BID REQUEST**

**BID OPENING DATE: Wednesday, August 26, 2015** **TIME: 11:00 am**

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**LOCATION: Finance Dept., Municipal Center, 3 Primrose Street, Newtown, CT 06470**

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**BID TITLE: FUL-DEPTH RECLAMATION-FISCAL YEAR 2015-2016**

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**SECURITY REQUIRED: NONE**

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**DATED IN NEWTOWN: August 10, 2015**

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**PLEASE NOTE: ONE (1) ORIGINAL and ONE (1) COPY OF SEALED BID MUST BE SUBMITTED.**

Is your company a MBE/WBE business:                        
(YES) (NO)

**Bid Price to be through June 30, 2016.**

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

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

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

\_\_\_\_\_  
**SIGNED BY (Print or Type)**

\_\_\_\_\_  
**ADDRESS 2**

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

\_\_\_\_\_  
**ADDRESS 3**

\_\_\_\_\_  
**FAX NO.**

\_\_\_\_\_  
**TELEPHONE NO.**

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

\_\_\_\_\_  
**TAX ID NUMBER**

\_\_\_\_\_  
**E-MAIL**