



TOWN OF BARRE, VERMONT

DEPARTMENT OF ENGINEERING

149 Websterville Road

P.O. Box 116

Websterville, VT 05678-0116

Tel. Barre 479-2595

April 26, 2005

PAVEMENT RECLAMATION AND COLD MILLING

GENERAL INSTRUCTIONS AND SPECIFICATIONS

I. General Instructions

Background:

The Towns of Barre and Williamstown intend to issue contracts for the reclamation and cold milling of asphalt pavement. Contractors may bid on one or both contracts. The contracts will be bid on a per square yard basis. Generally the streets targeted for reclamation have been resurfaced at least once. The project is being broken down into two contracts. The completion deadline for the reclamation and cold milling contracts will be July 23, 2005 for the Town of Barre and August 5, 2005 for Williamstown.

Instructions to Bidders:

Firms interested in these contracts must submit a bid on the attached Bid Forms. The Bid Forms must be filled out completely. Use ink or typewriter. If you make a change, the person signing the form must initial the change.

Bids must be returned to the Barre Town Manager's Office, Municipal Building, P.O. Box 116, Websterville, VT 05678 by 11:00 A.M., Thursday May 12, 2005, at which time the bids will be opened and read aloud in public. Bids must be in a sealed envelope clearly labeled "PAVEMENT RECLAMATION and COLD PLANING BIDS". Do not fax your bid.

Questions regarding these instructions and specifications must be directed to Barre Town Engineer Harry Hinrichsen at 479-2595 or the Williamstown Town Manager, Bernie Duff at 433-6671. There will not be a pre-bid meeting. Potential bidders must familiarize themselves with conditions and locations of each road.

Award of Contract:

The Selectboards reserve the right to reject any or all bids or to waive any informality when they deem it to be in the best interest of their Town. Also, the Town of Barre reserves the right to alter the list of streets on which reclamation is done.

An award of contracts is expected at Selectmen's meetings to be held before the end of May 2005. However, bids must be valid for thirty (30) days from date of opening.

Local Vendor Allowance:

The Barre Town and Williamstown Purchasing Policies have a local vendor allowance that will apply to this purchase. A local vendor is one located within a 20-mile radius of the Municipal Building. The local vendor allowance for this purchase will be 3%. The local vendor allowance is a 3% reduction, for comparison purposes, in a local vendor's bid. The Towns reserve the right to make all decisions and interpretations of their policies.

Location of Work: -

Town of Barre

The streets that are to be cold milled are as follows:

1. Baptist Street - 1250' from Graniteville Road intersection to GMP Pole # 8.
2. Sterling Hill Road - 1950' from Graniteville/Websterville Road intersection to the end of pavement.

The streets on which pavement reclamation is desired are listed below.

Town of Barre

1. East Cobble Hill Road - 1425' from a point south of the intersection at Sunnyside Drive to the change in pavement at the gravel pit entrance.
2. Baptist Street - 1500' from GMP Pole #8 to the Williamstown Town Line.
3. Camp Street - 4200' from Sunset Road to GMP Pole # 25.

Town of Williamstown

4. Graniteville Road - from Cogswell/Robar Road intersection southwesterly to the far side of Gilbert Road intersection.
5. Chelsea Road - Rte 14 intersection to cold mix joint in pavement

The attached maps show the location of each road. It is suggested the bidder acquaint themselves with the streets before bidding.

Traffic Control:

The contractor shall provide traffic control that complies with the most recent MUTCD. Only trained flaggers may be used on these projects. A certified Flag Safety Trainer must train all flaggers. The roadway shall be kept open to traffic at all times with traffic discontinued on the lane being reclaimed and planed. Traffic may be permitted on the reclaimed section as soon as grading and chloride have been applied. The contractor shall provide traffic control on both ends of the work area. Paddles, radios, vests, and signs are the responsibility of the contractor. If a subcontractor is to be used, they must be identified on the bid sheet.

Insurance:

The successful bidder must supply the Towns with an insurance certificate indicating at least \$500,000 coverage in worker's compensation, automobile liability, and general liability prior to commencement of work. Bidders may be asked to supply a list of references for similar projects.

Units, Billing, and Payment:

The unit of measure for bidding and billing shall be by the square yard. Estimates provided by the Towns shall be the basis for payment. **If a contractor questions the estimate, the Contractor must request the Town of Williamstown or Barre Town to remeasure the area of work prior to start-up.** The square yardage calculated from the remeasure shall then become the basis for payment. The unit price bid shall cover all labor, equipment costs, materials, and traffic control. There will be no separate agreement, but the Towns will issue a purchase order to the successful bidder. An invoice will be accepted after the work is completed for each phase. Payment will be made within thirty days.

Scheduling:

All the cold milling and reclamation is associated with the 2005 summer construction projects. The contractor must coordinate with the appropriate Highway Department and the Barre Town Engineer (for Barre Town work) at least 48 hours prior to initiating any schedule of work. Commencing work without prior notice will result in forfeiting of payment for that section of work.

Completion Deadline:

The reclamation and cold milling work period for the Town of Barre is **July 11, to July 29**, 2005.

The reclamation work period is for the Town of Williamstown **July 11, to August 5**, 2005.

Town of Barre shall assess a penalty of \$500/day for failure to complete the work on schedule. The Town of Barre shall deduct this penalty at the time of payment.

Town of Barre will make a reasonable effort to locate and identify the existing water, sewer, and drain structures with depths of cover for municipal infrastructure. The Contractor will also be responsible for contacting Dig Safe and coordinating location of buried electrical and telephone conduit in each Town. The Contractor will be responsible for any damage to municipal property or utility systems when grinding below the asphalt surface at specified depths. Any delays caused by operator negligence will be the sole responsibility of the Contractor.

II. SPECIFICATIONS

Reclamation:

For the roads indicated on the bid schedule, the contractor will furnish a self-propelled machine capable of pulverizing (in place) the existing pavement to a minimum depth of twelve (12) inches. The cutting drum shall have replaceable teeth and a minimum drum width of 79 inches. The machine shall be fully maintained and in good condition at all times throughout the work. All pulverized material must pass a 2" sieve. The existing pavement to be pulverized has an estimated average thickness of 3"-5" unless informed otherwise by the either Town. Barre Town will make test cuts to determine the average depth of pavement and the type of subsurface gravel. The contractor shall furnish a qualified reclamation operator and will be responsible for all movement of the equipment including trailer moves to and from the work site.

On all streets the contractor will pulverize the pavement two times. The Towns will provide labor and equipment to grade the materials to establish the desired cross slope and surface profile. Barre Town will provide its own rolling and compaction. The Town of Williamstown will require the Contractor to provide rolling and compaction.

The contractor shall use an application of calcium chloride at the rate of 0.75 gallons/square yard after the initial pass with pulverization. The machine will then pulverize a second time to thoroughly mix the asphalt base material and calcium chloride into a homogeneous material. The Town will then provide labor and equipment to final grade the materials to establish the desired cross slope and surface profile. The Town of Barre will provide its own rolling and compaction.

Cold Planing:

For the roads indicated in the bid schedule, the contractor will furnish a self-propelled planing machine or grinder capable of accurately establishing a profile referencing from both the existing pavement and from an independent grade control, and have a positive means of controlling cross slope elevations. The method of payment shall be by the square yard. An average milling depth of 2" - 3" will be the depth for all streets to be cold milled.

The contractor shall carry out and perform cold planing operations as marked out and directed by the Barre Town Engineer. Such operations shall conform to the State of Vermont Standard Specifications Sec. 210. The planed material shall remain the property of the Town. The contractor shall arrange to have trucks available for loading during the work scheduled under this work item, and all millings shall be hauled to the Town's sand and gravel pit on Rt. 14 in Williamstown.

The contractor shall provide all necessary sweeping equipment and dust control to accompany the milling operation. The full width of existing pavement shall be milled.

TOWN OF BARRE
P. O. Box 116
Websterville, VT 05678

B I D F O R M

PAVEMENT COLD (MILLING) PLANING

The undersigned has become familiar with the existing conditions on the highways to be reclaimed that affects the work and conditions as set forth in the Invitation to Bid. The undersigned, hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment, traffic control, and services required to perform the proposed reclamation where indicated all for the unit price per square yard for work in place for the following items and quantities:

<u>Project</u>	<u>Length</u>	<u>Width</u>	<u>Sq. Yd.</u>	<u>Total Cost</u>
1. Baptist Street	1250'	24'	3,333	\$ _____
2. Sterling Hill Road	1950'	22'	4,767	\$ _____
<u>SUB-TOTAL:</u>			<u>8,100 Sq. Yds.</u>	<u>\$ _____</u>

<p>Cold Milling - TOTAL BID PRICE</p> <p>8,100 Sq. Yds. @ Unit Price \$ _____ = Total Bid \$ _____</p>
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Date _____

Signature of Authorized Person

Telephone _____

Company

Traffic Control Sub-Contractor (if any)

Sub-Contractor Address & Phone

TOWNS OF BARRE & ORANGE
P. O. Box 116
Websterville, VT 05678

B I D F O R M

PAVEMENT RECLAMATION

The undersigned has become familiar with the existing conditions on the highways to be reclaimed that affects the work and conditions as set forth in the Invitation to Bid. The undersigned, hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, appurtenances, equipment, traffic control, and services required to perform the proposed reclamation where indicated all for the unit price per square yard for work in place for the following items and quantities:

Project	<u>Length</u>	<u>Width</u>	<u>Sq. Yd.</u>	<u>Unit Price</u>	<u>Total Cost</u>
<u>Barre Town Work</u>					
1. East Cobble Hill Road	1,425'	24'	3,485	\$ _____	\$ _____
2. Baptist Street	1,500'	24'	4,000	\$ _____	\$ _____
3. Camp Street	4,200'	24'	11,200	\$ _____	\$ _____

SUB-TOTAL: 18,685 Sq. Yds.

<u>Town of Williamstown Work</u>	<u>Length</u>	<u>Width</u>	<u>Sq. Yd.</u>	<u>Unit Price</u>	<u>Total Cost</u>
1. Graniteville Road	11,088'	22'	27,105	\$ _____	\$ _____
2. Chelsea Road	1,585'	22'	3,875	\$ _____	\$ _____

SUB-TOTAL: 30,980 Sq. Yds.

TOTAL: 49,665 Sq. Yds.

RECLAMATION - TOTAL BID PRICE	
Town of Barre <u>19,375 sq. yds.</u>	Total Bid \$ _____
Town of Williamstown <u>30,980 sq. yds.</u>	Total Bid \$ _____

 Date Signature of Authorized Person

 Telephone Company

 Traffic Control Sub-Contractor (if any) Primary Contractor Address

Sent to:

Dick Covey
Pike Industries, Inc.
P.O. Box 42
Websterville, VT 05678
802-476-3050

Frank W. Whitcomb Corp.
P.O. Box 1000
Walpole, NH 03608

Gorman Brothers, Inc.
Attn: Steve Simpson
584 Hayes Road RR 1
East Burke, VT 05838
1-802-793-0079

Ron Puchalski
All States Asphalt, Inc.
P.O. Box 91
Sunderland, MA 01375
1-800-343-9620
1-802-238-7432

WP: RECLAMAT