



CONTRACT DOCUMENTS

AND

SPECIFICATIONS

FOR

“BITUMINOUS CONCRETE PAVEMENT REPAIR”

JULY FLOOD 2023

DR-4720

INFORMATION FOR BIDDERS

August 2023

CITY OF BARRE, VERMONT

A. RECEIPT OF BIDS

The City of Barre, Vermont will receive bids until 12:00 PM (local time) on **Friday August 18, 2023** in the

City Manager's Office
City Hall Suite 2,
6 North Main St.
Barre, Vermont 05641

After receiving the bids, they will be publicly opened and read aloud in City of Barre Engineer's office. Bids may be submitted electronically with email subject **PAVEMENT REPAIR BIDS(DR-4270) City of Barre** to: ExecAssist@barrecity.org

B. SCOPE OF THE WORK

The scope of work for this contract is paver placed materials at street OR repair width. The work will be finish grading gravel base subbase with placement of 2 lifts of hot mix or warm mix asphalt at the depth specified installed in accordance with the VT Agency of Transportation Standard Specifications for Highway Construction.

This offering requires submission of an optional bid item including virgin asphalt wearing course hot or warm mix on all streets segment pavement. All bidders must comply with the General Conditions for this work.

The City of Barre may expand the list of projects to be completed during the timeframe of this contract. The selected Contractor will have the first opportunity to accept new work during this timeframe, but the City of Barre reserves the right to hire other contractors should the selected Contractor not be able or willing to take on additional work not listed in this bid.

1. Pavement Replacement

The street placement replacement work will consist of the Contractor applying a 2-lift course with total compacted thickness as specified, unless otherwise specified of Bituminous concrete pavement over the streets listed below with a projected date for fulfillment. All labor, equipment (satisfactory to accomplish the work) and materials (except unbound sub-base materials) needed for this application is to be provided by the Contractor. An optional use of calcium chloride as a compaction aid and subbase binding agent will be assessed by the City for completion in each assignment.

The streets in this section listed below will have the paved surfaces removed/scarified by the City and a suitable subbase material will be installed by the City to approximate grade. In all cases the successful contractor shall be responsible for shaping/grading and properly compacting each street to final grade. All streets will be capped by the Contractor with an application of liquid calcium chloride at a rate of 0.25 gallons per yard prior to paving, if the City elects to include chloride application. (Any needed crushed gravel/asphalt will be provided and hauled by the City of Barre.)

A project location for each street is further described as:

- a) Cliff St beginning at the intersection of East St to to the start of Currier Street with a width of 28 feet and thickness of 4-inches (2 ½ inch base and 1 ½ inch top) and estimated length of **670** feet. **Completion by September 6, 2023.**
- b) Washington St culvert replacement near #400 Washington St. Pavement to be full width of 32 feet and depth of 6-inches (4 ½ inch base and 1 ½ inch top) and estimated length of **60** feet. **Completion by September 6, 2023.**
- c) Washington St repair beginning near the intersection with Waterman St. Pavement to be installed to depth of 6-inches (4 ½ inch base and 1 ½ inch top) and estimated area of **1,920** square feet. **Completion by September 6, 2023.**
- d) Jefferson St repair to be between the intersections with Elm and Averill Streets. Pavement to be installed to depth of 4-inches (2 ½ inch base and 1 ½ inch top) and estimated area of **960** square feet. **Completion by September 6, 2023.**

C. PREPARATION OF BIDS

Bids will clearly be marked **PAVEMENT REPAIR BIDS (DR-4720) City of Barre** and forwarded to:

City Manager's Office
City Hall Suite 2
6 North Main Street
Barre, VT 05641

Bids may be submitted electronically with email subject **PAVEMENT REPAIR BIDS(DR-4270) City of Barre** to: ExecAssist@barrecity.org

Bids must be submitted on the accompanying bid form. This is a bundled contract. All elements of the work are included the contract. The City reserves the right to remove any locations or postpone completion to meet budgetary or functional requirements.

D. SITE VISIT

Prior to the opening of Bids, it is expected that each Bidder will have inspected the sites for assignment and become thoroughly familiar with the Contract Documents, existing field conditions and limitations. Failure of a Bidder to review all documents pertinent to the Contract shall in no way relieve any Bidder from the obligation with respect to their Bid. Questions about the contract may be submitted in writing until August 16, 2023 at 10:00 AM and sent to execassist@barrecity.org with subject line **PAVEMENT REPAIR BIDS(DR-4270) Question**. Written answers will be distributed to all bidders submitting questions and posted on the City website by 5:00 PM, August 16, 2023.

E. AWARD OF CONTRACT

The Contract will be awarded to the lowest responsible and eligible Bidder as determined by the City. The City intends to award a Contract after the bids are approved by City Council on August 22, 2023. The City reserves the right to reject any and all proposals or to waive any informality or technicality in any proposal in the best interest of the City.

F. CONTRACT TIME

The paving projects listed in this document are intended to be completed by **September 6, 2023**. Days with inclement weather which prevents paving will not be included after the eighth day of this criteria.

I. ASPHALT PRICE ADJUSTMENTS

The asphalt price adjustment shall be the same formula as called for in the Vermont State Department of Transportation’s contract for Liquid Bituminous Material in effect on the date of this bid. The contractor shall include the price index in effect for the bid submitted.

GENERAL CONDITIONS

I. GENERAL

- a) Before commencing work, the Contractor and each of their subcontractors if any, shall furnish the City of Barre with a certificate showing that they have adequate coverage pertaining to Workmen’s Compensation, Public Liability and Property Damage Insurance.
- b) It will be the Contractor’s responsibility to make arrangements to visit the site and make their own appraisal of the work to be carried out.

II. PREPARATION OF SUB-BASE

It will be the Contractor's responsibility to shape, finish grade and re-compact the sub-base to establish an acceptable road profile and typical cross section. The centerline road profile will be established from existing curb lines and/or gutter elevations. The Barre City Engineering Department will set control grades on each street and work with the Contractor in establishing these grades.

The roads shall be sloped at a grade of ¼-inch per foot from the centerline to each gutter.

III. PAVING SPECIFICATIONS

All paving will be in accordance with the latest version of the State of Vermont Agency of Transportation Standard Specifications for Construction.

- 1) The Contractor will sweep and apply Emulsified Asphalt (RS-1, RS-1H or CRS-1H) to all existing pavement prior to paving. The rate of application shall be greater than 0.10 gallons per square yard on any milled surface and 0.04 gallons per square yard between asphalt layers
- 2) A 2-foot-wide by 1-inch depth cold planed transition strip and butt joint will be created at all intersections of new pavement to existing roads. The cold planed area shall receive emulsion as described in 1) above prior to applying new pavement.
- 3) 2 ¾-inch or more Pavement Thickness– The types of Bituminous Concrete to be used will be Type III (1/2" aggregate) for the base course (1 ½-inch minimum thickness compacted or greater as specified for the location). A Type IV (3/8" aggregate) will be used for the surface with a thickness of 1 ½ inch.

IV. ADJUSTMENT OF UTILITIES

It will be the City's responsibility to adjust all utilities (i.e. road boxes, manholes, etc.). Manholes will be adjusted/set to grade by the City or its Agent. When manholes and drainage basins are set to finish grade, it will be the Contractor's responsibility to meet those grades. The contractor is required to provide a taper from the centerline based grades for the street into the drainage structure. The taper shall be two feet wide on each structure parallel to centerline and 18 inches transversely. Failure of the Contractor to meet this requirement will result in the Contractor compensating the City of Barre for the costs associated with adjusting the utility or replacement of the pavement(s).

NOTE: MANHOLES, CATCHBASINS, ROADBOXES WILL BE LEFT IN PLACE AND THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EACH OF THEM.

V. TRAFFIC CONTROL

It will be the Contractor's responsibility to provide for all necessary traffic control, which consists of but not limited to signs, police officers, etc. and will be considered as a part of the cost per ton bid price. Police officers shall be used at all signalized intersections. Street closures to through traffic are an anticipated element of the work for most locations.

VI. MISCELLANEOUS

The Contractor will be responsible for any clean-up (pertaining to their work) after each paving job has been completed.

VII. BIDDING

- a) BIDS SHALL BE SUBMITTED AS A PER TON COST FOR THE PAVING OF THE PROJECT INCLUDING ALL ASSIGNMENTS. THE BIDS WILL BE THE FULL COSTS FOR ALL THE NECESSARY WORK (LABOR, EQUIPMENT, MATERIALS) REQUIRED TO PREPARE AND PAVE THE STREETS/PROJECTS ACCORDING TO THE SPECIFICATIONS OUTLINED IN THIS DOCUMENT.
- b) THE COST FOR THE MILLING OF THE TRANSITION STRIPS SHALL BE INCLUDED IN THE UNIT COST OF THE ASPHALT.
- c) THE CITY OF BARRE RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL BIDS AND TO ACCEPT THE BID DEEMED TO BE IN THE BEST INTEREST OF THE CITY OF BARRE.
- d) THE BIDDERS SHALL USE THE FORM SUPPLIED WITH THIS DOCUMENT FOR BIDDING. NO OTHER FORMS WILL BE ACCEPTED.

VIII. BIDDERS QUALIFICATIONS

- a) Each Bidder must be able to furnish a statement of qualifications listing his/her experience in the type of work included in the project and equipment available for the work contemplated if so required by the City. The City reserves the right to reject any Bid where an investigation of available evidence does not satisfy the City that the Bidder is qualified to properly perform the work.
- b) The Contractor shall supply all equipment, which shall be in conformance with the latest version of the State of Vermont Agency of Transportation Standard Specifications for Construction.

IX. TERMINATION OF CONTRACT

The Contractor may be terminated by the City at any time, upon written notice to the Contractor on a specified date if the Contractor:

- 1) Fails to begin work within the specified time (excluding weather days);

- 2) Fails to pursue the work in a manner to ensure proper completion;
- 3) Pursues the work in a manner to render the completed project unsuitable to the City; and/or
- 4) Discontinues work on the project or any assignment.

X. PAYMENT

The Contractor shall be compensated for the work completed at the time of completion of each of the streets/projects. The Contractor may invoice for streets/ projects on a mobilization basis if they so elect.

XI DIGSAFE

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIG SAFE FOR OTHER THAN CITY-OWNED UTILITIES. (1-888-DIG-SAFE)

CONTRACT
BITUMINOUS CONCRETE PAVEMENT REPAIR (DR-4270)
CITY OF BARRE, VERMONT

This Contract made this _____ day of _____ by and between the City of Barre, Vermont hereinafter called the Owner and _____ with legal address of _____, Vermont and principal place of business at same, hereinafter called the Contractor.

WITNESSETH: That in consideration for payments and agreements hereinafter mentioned to be performed by the Owner, the Contractor agrees to commence and complete the PAVEMENT COLDPLANING and BITUMINOUS CONCRETE PAVING as set forth in the bid documents. The Contractor shall perform all the required work in a professional manner and provide and furnish all materials, labor, tools, equipment and related services necessary to complete said work in accordance with the conditions set forth in these Contract Documents, which are all part of this Contract.

The City of Barre shall pay the Contractor for paving the following price per ton for the performance of work under this Contract: \$ _____/ per ton.

The City of Barre agrees to pay the Contract in accordance with and subject to the provisions of the Contract Documents.

INWITNESS THEREOF, the parties to these present have executed this Contract on

Contractor's Name

By

Title

Nicolas Storellicastro, City of Barre

City Manager

Title