

TOWN OF WILTON
MAINE

Notice to Bidders, Information for Bidders,
Special Provisions and Specification

FOR

2022 Paving Bids

Rhonda Irish, Town Manager

John Masse, Public Works Foreman

Attention Bidders

The Town cannot and will not enter into any binding agreements or contracts with a contractor regarding bid packages until after we have held our annual town meeting. Final award of bid is completely contingent on passage of funding at the town meeting, which is set for June 20, 2022. Should the town budget not be fully funded, the Town retains the right to eliminate some or all proposed work at no change in unit prices.

We feel it is beneficial to both the Town and bidders that we bid our proposed 2022 paving at this early date to ensure proper scheduling and funding.

Reclaiming Specifications:

Reclaiming (grinding method) shall be full width of existing pavement and of a sufficient depth to insure grinding of all existing asphalt, minimum depth accepted will be one inches below existing pavement. All pavement reclaimed will be reduced to a size no greater than two-inch minus. Reclaiming work will include rough grading and compaction. Proper compaction (95%) will require the use of a water truck and a vibratory roller; the minimum roller size allowed will be six ton. Any required clean-up of the work area due to the reclaiming process will be the contractor's responsibility.

HMA Paving Specifications:

(HMA Paving will not take place when surfaces are wet, all paving operations shall cease during any rain event. The base mix may be placed when the gravel base is damp but not when standing water is present.)

All paving practices will conform to the latest MDOT paving specifications. Paving will include layout of a new centerline and establishing appropriate grades to be approved by the Town. Fine grading shall create a cross slope of 3/8 inch per foot. The Town will supply material necessary to achieve proper grades and cross slope. Equipment needed for fine grading and proper compaction will be the contractor's responsibility. Proper compaction will require the use of a water truck and vibratory roller (min. six ton). Fine grading shall immediately precede the paving operation. Fine grading will be included as part of the unit prices.

As part of this bid it is understood that all mixes used will meet current MDOT accepted specifications. Please submit a copy of each mix design with your bid to the Town for review and acceptance. Mixes may be determined after consultation with the contractor.

In some cases, the Town may need time between the reclaiming and paving processes to perform additional roadwork in that area. Any re-mobilization of grading and compaction equipment is incidental to the reclaiming and paving price. A pre-bid meeting may be required to coordinate scheduling and work efforts between the Town and contractor.

(HMA) Paving operation will include sufficient number of dump trucks to allow continuous operation of the paver. All hauling equipment used will meet the requirements of the most recent edition of MDOT Standard Specifications, section 401.08. All pavers used will meet the requirements of the most recent edition of the MDOT Standard Specifications, section 401.09. The paving operation will be followed by the rolling train: 1)10-ton knockdown roller, 2)18-ton pneumatic tire roller, and 3)8-10-ton finish roller min. weight. The pneumatic tire roller will be used for all paving practices, including shim and overlay work. All rollers used will meet the requirements of the most recent edition of the MDOT Standard Specifications, section 401.10. A plate compactor will be used to compact areas out of the reach of the rollers. All mixing, spreading, finishing, compacting, and joint construction shall meet MDOT Standard Specifications.

Delivery Slips:

Pre-numbered delivery slips for each load containing the date, weight, and running total shall be given to the Public Works Director or a designated representative either daily or upon arrival at the job site. The onsite job supervisor will clearly mark each slip with the street location.

Quantities:

The quantities and dimensions listed are approximate and actual dimensions and tonnages may vary. The information provided is intended to provide an estimate of the scope of anticipated work. The bidder is advised that the extent of the work may be changed on any given street. Additional work may be added or deleted during the paving season, additional work is to be performed by the contractor at the unit prices quoted on the bidder's proposal.

Inspection of Work:

All materials and every detail of the project will be subject to inspection by the town manager and/or public works director. They will be allowed access to all aspects of the work and will be furnished with all information and assistance from the contractor needed to make a complete and detailed inspection.

The Town shall have the right to test, at the Town's expense, by the following methods:

- Core samples for density taken in accordance to AASHTO procedures to achieve minimum 92.5% density
- Check samples in accordance with AASHTO procedures for Asphalt Content, Gradation, and Theoretical Maximum Density

All test results must be within the allowable tolerances given in Section 400 of the MDOT Specifications. Method "D" shall be used.

At the request of the Town, the Contractor will remove portions of the finished work proven through testing to be unacceptable and restore the removed areas of the work to the standards of the specifications at the Contractor's expense.

It is further agreed that the Town will be permitted to purchase mixes at the contractor's plant facility.

Incidental Work:

(To be paid as part of the unit prices given in the Bidder's Proposal)

A) Traffic Control:

The contractor will supply all devices and personnel needed to properly regulate traffic during the performance of work. Properly trained flag persons, work area signs, cones, and barricades are among devices to be used. Safety within the work zone is the sole responsibility of the contractor. The contractor will follow standards set forth for proper work zone safety as defined by the MUTCD.

B) Sweeping:

The contractor will be responsible for all street preparation including sweeping. All streets to be overlaid are to be swept clean of any debris to ensure proper bonding.

C) Butt Joints:

Where new pavement abuts existing pavement a minimum of a two to three feet wide tapered butt joint is to be ground out to a minimum depth of one inch. Tack will be applied before paving. Examples: intersection of roadways, driveways, etc. Driveways may need a berm installed to prevent water from entering them. The Town will specify whether a driveway needs a joint ground out or a berm installed.

D) Grading:

Grading of the road and material placed upon it shall be constant so that traffic may safely travel over it. The finish grade cross slope of one quarter inch per foot of lane width shall create a two and one-half inch crown of the road surface.

E) Handwork: **(must be approved by the Town prior to paving)**

Handwork performed on a listed road will be done at the unit price quoted on the Bidder's Proposal

F) Tack:

All existing pavement to be overlaid shall be tack coated prior to placement at a minimum rate of .02 gal/sy.

G) Erosion Control:

Necessary erosion control measures will be the responsibility of the contractor. Examples: silt fencing, hay bales, ETC.

H) Escalators/De-escalators will be accepted for liquid asphalt only and will conform to DOT Special Provisions Sec 108.

Each contractor shall rely upon their own investigation to become completely familiar with the required work before submitting a bid. The town manager and/or the public works director will be available to assist any contractor with an inspection of proposed work areas. Consideration will not be given for any alleged misunderstanding of the materials to be furnished, the work to be done, or for any defects in the final product that are the result of the contractor's neglect to familiarize themselves with the intended work or due to the absence of a pre-inspection of the site.

The successful Bidder shall furnish the Town with a Certificate of Insurance and to list the Town as an additional insured before any work may start. The Contractor shall keep liability insurance in full effect until their work is completed and accepted by the Town. The Contractor's Public General Liability Insurance shall be in the amount of not less than \$1,000,000 and property damage, personal injury, and automotive liability shall be in the amount of not less than \$500,000 for injuries, including accidental death, to any one person. The Contractor shall either: (1) require each of his subcontractors to procure and to maintain during the life of the subcontract, Subcontractor's Public Liability and Property Damage of the type and in the same amounts as specified in the preceding paragraph, or (2) insure the activities of the subcontractor in his own policy.

A Performance Bond, or proof of insurance coverage for product liability in an amount equal to the total cost of the project, will be required by the Town of Wilton prior to the start of the project.

Any contractor with questions regarding any aspect of this bid spec, or an interest to review the proposed work site(s) is encouraged to contact John Masse (Public Works Foreman) at 645-4883.

Contracted work shall be warrantied to the Town for at least one year from date of installation or substantial completion, whichever comes last, to include replacement and/or repairs at no cost to the Town.

To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Town and its agents, and its employees from and against all claims, damages, losses, and expense, including but not limited to, attorney's fees arising out of or resulting from the performance of work regardless of standard of care. This indemnification extends to all costs and all attorneys' fees incurred either by the municipality or its employees.

Bids:

Bids will be submitted in sealed envelopes clearly marked "2022 Paving Projects" to the Wilton Town Office no later than 12:00 p.m. May 10, 2022 to be opened. Bids need to include a cost to perform all the specifications outlined in this bid package. Bids may be submitted in person or mailed to:

Town of Wilton
158 Weld Road
Wilton, Maine 04294

Bids will be reviewed by the Town Manager and Select Board at the Select Board's meeting on May 17, 2022 6:00 p.m.

The Town of Wilton reserves the right to reject any or all proposals.

The Town of Wilton may require references.

The Town of Wilton will make payment in full upon completion, inspection, and acceptance of contractor's work. The Town of Wilton will deduct any penalties assessed to the contractor from the final payment.

Town of Wilton's anticipated paving work for 2022

Streets to be shimmed and overlay

Tack and drag shim needed prior to overlay

Apply tack and place approximately $\frac{3}{4}$ of an inch of SHIM mix as an overlay to existing surfaces. Butt joints required at intersections and where paved areas are present on the edge of the roadway.

All road lengths and widths are approximate.

<u>HMA</u>		
Red School House Rd. 3,300' x 20'		6,889sy
1" shim 1" overlay		
Fernald St. 1,000' x 18'		2,000sy
$\frac{3}{4}$ " shim 1" overlay		
Woodland Ave 2055' x 20'		4,556sy
$\frac{3}{4}$ " shim 1" overlay		
Magrath Rd. 8,000' x 20'		17,778sy
Reclaim 1,300' x 20' add 2" of 12.5 base		
2" overlay with CMA 6,700' x 20'		
Lake Rd 1" spot shim 900' x 20'		2,000sy
Village View 1" spot shim 800' x 20'		1,778sy
Pleasant St. 1" spot shim 500' x 20'		1,111sy
<u>CMA</u>		
Bubier Rd 2,150' x 18'		4,300sy
Reclaim 2,100' x 18'		
2.5" of CMA		
Webster Rd. 1,000' x 20'		
Overlay with 2" of CMA		2,222sy
Parson Rd. 1,200' x 14'		4,300sy

Overlay with 2" of CMA

Adams Farm Rd. 400' x 14' 622sy
Overlay with 2" of CMA

Reclaim
Magrath Rd 1,300' x 20' 2,889sy
Bubier Rd. 2,100' x 18' 4,300sy

Bidder's Proposal

(unit prices)

1. Reclaiming: = \$_____per square yard
2. Machine placed Paving:

Pricing will be for DOT approved mixes only

**** (Maine DOT Special Provision Section 108 Asphalt Escalator Applies)**

19.5 mm Per Ton = \$_____

12.5 mm Per Ton = \$_____

9.5mm Per Ton = \$_____

MST mix Per Ton = \$_____

Shim mix Per Ton = \$_____

COLD mix Per Ton = \$-----

COLD MIX provided by the town to be placed per cubic
yard = \$_____

Hand placed paving (as discussed with PW Foreman) = \$_____
(Driveways, intersections, sidewalk paving)

Other (please specify) Per Ton = \$_____

Description:

Warm Mix Price adjustment (if available) Per Ton =\$_____

Reminder: Tack and fine grading are to be included in unit pricing for mixes.

BIDDER'S PROPOSALS

BID FORMS:

We herewith submit our bid in accordance with the requirements and specifications herein acknowledge as follows:

1. We agree to supply the products and services required, at the price quoted herein.
2. We carry General Liability, property damage, personal injury, and automotive liability Insurance, as outlined in the bid specs, which is in force and shall remain in force during this contract.
3. Our company is bondable and a Performance Bond or proof of insurance coverage for product liability, as requested by the town, in an amount equal to the total cost of the project will be provided if awarded this Bid.
4. We agree to comply with the General Specification requirements relating to price and reporting requirements for products and services provided under this bid.
5. All prices quoted shall be firm for the term of this contract

Date: _____

Contractors Name : _____

Contractors Rep. : _____

Authorized Signature : _____

Address: _____

Phone # : _____

Town of Wilton, Maine
Contract Bid Specifications
Cold Mix Asphalt Manufacturing

1. DEFINITIONS

The term Director (Superintendent, etc.) shall mean the Road Commissioner of The Town of Wilton

The term Designee shall mean an employee of Town of Wilton designated by the Director.

The term Contractor or Bidder shall mean a professional company contracted by the Town of Wilton to perform work under this agreement.

2. DESCRIPTION

Work under this contract shall consist of the Contractor furnishing all equipment and materials to **Manufacture Cold Mix Asphalt** utilizing aggregate provided by the Town. The cold mix shall be processed through a pugmill, and follow a job mix formula submitted by the Contractor that meets all applicable requirements contained herein and approved by the Director or his/her Designee.

3. MATERIALS

a. Liquid Asphalt

Liquid asphalt grades for production shall be: **MS-4, CMS-2** or **HFMS-2**.

The type and grade of liquid asphalt shall be approved by the Director prior to commencing work.

b. Aggregate

The aggregates shall be provided by the Town of Wilton and shall be free from dust and thoroughly blended or screened before stockpiling. The aggregate gradation shall conform to design formulas in 3(c), "DENSE BINDER", "DENSE TRUE & LEVEL" or "DENSE TOP", or as approved by the Designee.

c. Composition of Mixture

The aggregate and asphalt shall be thoroughly mixed so that the asphalt material is uniformly distributed throughout, providing a minimum of 90% of the aggregate particles are uniformly coated when placed on the roadway. Prior to commencing work, the Contractor shall submit the mix design to the Director for approval.

4. MATERIAL QUANTITIES

The quantity of asphalt material to be used shall be in the range of 11 to 22.5 gallons per ton of aggregate to meet desired residual percentages. The Contractor and Designee shall agree on the method used to quantify tons.

5. EQUIPMENT

The equipment used by the Contractor shall include one or more of the following:

a. Pugmill

Mix shall be done with a rotating twin paddle shaft pugmill providing suitable pressure-kneading action in mixing. The hydraulically driven pugmill shall be able to mix material in a crossing pattern for more thorough mixing. Mixing by blading, shoveling, and/or scooping will not be permitted. The mixer shall be a continuous traveling type pugmill designed to accurately proportion either by volume or by weight, so that when the aggregate and asphalt materials are incorporated in the mix a thorough and uniform coating will result. The mixer shall be equipped to mechanically or electrically interlock the asphalt feed with the aggregate feed such that uniformity of the mixture is assured at all times.

The traveling pugmill mixer shall be provided with volumetric or other gauging equipment which shall be capable of providing accurate control at all times of the amount of aggregate entering the mixer per time interval. The mixer shall be equipped with a positive displacement metering system capable of totaling the quantity of asphalt material applied to the mixing chamber. The capacities of the cold feed bins shall be sufficient to maintain a continuous flow of material. Each bin shall have a mechanical device for uniform feeding of the aggregate. The mixer unit shall be approved by the Director or his/her Designee prior to commencing any work.

6. CONTRACTORS REQUIREMENTS

a. The Bidder shall own, operate, and maintain a working laboratory at his/her plant or utilize a qualified testing subcontractor to perform all specified tests on any liquid asphalt samples or provide relevant product data from the emulsion supplier. The laboratory shall be operated by a full-time qualified technician and shall be available for use or inquiry by the Director or his/her designee. The laboratory shall also include sufficient equipment to test aggregate and mixes to provide for quality finished product.

b. The successful Bidder shall employ experienced labor and shall furnish material and equipment for safe and proper operation. All work and operations called for on the part of the successful bidder shall be performed in a first-class workmanlike manner, and in accordance with Industry Standards.

c. The Bidder shall have a minimum of three (3) years experience in the production & placement of the types of material specified to insure proper mixtures and satisfactory service. The contractor **shall submit with the bid their intentions to subcontract** any portion of the work described herein. This shall include all work to be subcontracted & the vendor or contractor who will perform the work.

7. TIME

The completion date for the manufacture of the cold mix asphalt is August 12, 2022. For calendar date that the cold mix material is not available for use beyond the completion date, the contractor shall be charged damages of \$250.00.(unless pre-arranged with the town)

9. METHOD OF PAYMENT

The unit price bid **Per Ton** for the manufacture of the Cold Mix Asphalt shall include the cost of furnishing all necessary **equipment & labor**. The contract **shall** include an **Asphalt Price Adjustment** provision. See "Tabulation of Bids" page.

10. GUARANTEE

Any material or workmanship found to be defective for up to one year from the date of acceptance by the Director shall be replaced by the Contractor at no cost to the Municipality. Upon notification of defective material or workmanship, the Contractor shall immediately replace such defective areas, unless otherwise instructed by the Director.

11. BID & AWARD INFORMATION

All Bids shall be submitted to the Town office no later than **Tuesday 12:00 pm on May 10,2022**. The responsible, reliable, low bid may be awarded at selectpersons meeting on May 17, 2022 at 6:00 pm at the Town Office. The Town retains the right to determine the responsible, reliable, low bidder and to adjust the quantity as listed below +/- 20%, due to budget purposes, without negotiating a price adjustment.

Tabulation of Bids

Summit all bids to the Town Office by 12:00 pm May 10, 2022. The responsible, reliable, low bid will be based on total contract bid & announced on May 17, 2022 at 6:00 pm at the selectpersons meeting. The Town reserves the right to reject any and all bids.

Item Description	Quantity	Unit price	Total
Cold Mix Asphalt See Bid Specifications	2,900 Tons	\$_____.____Tons Include Cold Mix Asphalt Specification with this bid sheet	\$_____

Company Name

Company Address

Company Representative

Signature

ASPHALT PRICE ADJUSTMENT

The quoted price for this bid will be based on the reported value of liquid asphalt as determined on May 2, 2022

\$ _____ per ton of asphalt cement the price Listed on the MDOT website.

See link below:

<http://www.maine.gov/mdot/contractors/bidderinfo/asphalt.shtml>

REFERENCE CHECKS

DEPARTMENT:

PROJECT:

REFERENCE NAME:

PHONE #

DATE CALLED

REFERENCE COMMENTS:

REFERENCE CHECKS

DEPARTMENT:

PROJECT:

REFERENCE NAME:

PHONE #

DATE CALLED

REFERENCE COMMENTS:

REFERENCE CHECKS

DEPARTMENT:

PROJECT:

REFERENCE NAME:

PHONE #

DATE CALLED

REFERENCE COMMENTS: