



# Town of Orono

## Request for Proposals 2021 Hot Mixed Asphalt Paving Services

The Town of Orono is seeking proposals for a qualified contractor to provide **Hot Mixed Asphalt Paving** services. Services will include providing adequate materials, labor, and equipment to perform hot mixed asphalt paving in various locations throughout the Town of Orono as directed by the Director of Public Works. The scope of work will include pavement milling and pavement surface shim and overlays with tack coat. Pricing will include an asphalt price adjustment.

A copy of the full request for proposals and the official bid form is attached and can be found at [www.orono.org](http://www.orono.org), or hard copies will be available upon request at the Orono Town Office, 59 Main Street, Orono, ME 04473. Sealed proposals delivered to the Town Office are **due Thursday, July 1st at 10:00 AM**, at which time they will be publicly opened. Proof of Worker's Compensation and General Liability insurance are required.

No fax or e – mail proposals will be accepted. The Town of Orono reserves the right to reject any and all proposals and waive any irregularities.

Offers shall be clearly labeled "**2021 HMA PAVING BID**" and submitted to:

### **2021 HMA Paving Bid**

**Town of Orono  
Attn: Rob Yerxa, Director of Public Works  
59 Main Street  
Orono, ME 04473**

Sealed proposals delivered to the Town Office are due **Thursday, July 1st at 10:00 AM**

Municipal Building • 59 Main Street • Orono, Maine 04473 • (207)866-2556 • FAX  
(207)866-5053  
Home of the University of Maine

## A. Project Descriptions:

- 1. Kelley Road - I-95 Northbound Off Ramp to Old Kelley Road; approximately 3,300 feet.** Mill 1 ½" depth in the travel lanes only; approximately 24 feet wide. Milling includes, hauling milled materials to a stockpile at the Public Works facility located at 135 Kelley Road, and sweeping of milled area. Provide 1 ½" of 12.5 mm HMA with tack in the milled area. Provide 12.5 mm HMA surface overlay with tack over the entire width; approximately 42 feet wide.
- 2. Essex St - Bangor/Orono Town Line to Gould's Landing at Pushaw Lake; approximately 8,500 feet.** Provide ½" 9.5mm HMA full shim and 1 ¼" 12.5 mm HMA overlay with tack.
- 3. Westwood Drive - Main St to Dead End; approximately 2,100 feet.** Provide ½" 9.5mm HMA full shim and 1 ½" 12.5 mm HMA overlay with tack.
- 4. Water Street - Mill Street to Broadway; approximately 875 feet.** Provide ¾" 9.5 mm HMA shim and 1 ½" 12.5mm HMA overlay with tack in two mobilizations to allow for curb and sidewalk improvements.
- 5. Lower Middle St and James St - Beech St to Water St; approximately 680 feet.** Provide ¾" 9.5 mm HMA shim and 1 ½" 12.5mm HMA overlay with tack in two mobilizations to allow for curb and sidewalk improvements.
- 6. School St and Plummer St - Pine St to Broadway; approximately 550 feet.** Provide ¾" 9.5 mm HMA shim and 1 ½" 12.5mm HMA overlay with tack in two mobilizations to allow for curb and sidewalk improvements.
- 7. Broadway - Water Street to Dead End; approximately 1,350 feet.** Provide ¾" 9.5 mm HMA shim and 1 ½" 12.5mm HMA overlay with tack in two mobilizations to allow for curb and sidewalk improvements.
- 8. Cedar and Elm Street - Pine St to Broadway; approximately 825 feet.** Provide ¾" 9.5 mm HMA shim and 1 ½" 12.5mm HMA overlay with tack in two mobilizations to allow for curb and sidewalk improvements.
- 9. Riverdale Drive - College Ave to Dead End; approximately 285 feet.** Provide ¾" 9.5 mm HMA shim and 1 ½" 12.5mm HMA overlay with tack
- 10. Beech Street - Pine St to Mill Street; approximately 775 feet.** Reclaim and grade existing pavement, provide 2" 19.0 mm HMA Binder course and 1 ½" 12.5mm HMA overlay with tack in two mobilizations to allow for curb. The town will be working on drainage improvements on this project, excavation areas will be backfilled with millings and curbs will be removed before the first mobilization for reclaim, grade, and binder course.

B. Estimated Quantities:

Item #	Item Description	Quantity	Unit
	<i>Roadway Construction Items</i>		
<b>1.0</b>	<b>Kelley Road</b>		
	1 ½" Milling w/ Sweeping & Haul	8,800.0	SY
	1 ½" 12.5mm HMA	725.0	TN
	1 ½" 12.5 mm HMA surface	1,275.0	TN
<b>2.0</b>	<b>Essex St</b>		
	½" 9.5mm HMA shim	600.0	TN
	1 ¼" 12.5 mm HMA surface	1,450.0	TN
<b>3.0</b>	<b>Westwood Drive</b>		
	¾" 9.5mm HMA shim	215.0	TN
	1 ½" 12.5 mm HMA Surface	425.0	TN
<b>4.0</b>	<b>Water St</b>		
	¾" 9.5mm HMA shim	100.0	TN
	1 ½" 12.5 mm HMA Surface	195.0	TN
<b>5.0</b>	<b>Lower Middle St &amp; James St</b>		
	¾" 9.5mm HMA shim	60.0	TN
	1 ½" 12.5 mm HMA Surface	125.0	TN
<b>6.0</b>	<b>School and Plummer St</b>		
	¾" 9.5mm HMA shim	50.0	TN
	1 ½" 12.5 mm HMA Surface	100.0	TN
<b>7.0</b>	<b>Broadway</b>		
	¾" 9.5mm HMA shim	140.0	TN
	1 ½" 12.5 mm HMA Surface	275.0	TN
<b>8.0</b>	<b>Cedar and Elm St</b>		
	¾" 9.5mm HMA shim	85.0	TN
	1 ½" 12.5 mm HMA Surface	170.0	TN
<b>9.0</b>	<b>Riverdale Drive</b>		
	¾" 9.5mm HMA shim	30.0	TN
	1 ½" 12.5 mm HMA Surface	60.0	TN
<b>10.0</b>	<b>Beech St</b>		
	Reclaim Existing Pavement & Grade	1,500.0	SY
	2" 19.0 mm HMA Binder Course w/ Fine Grade	200.0	TN
	1 ½" 12.5 mm HMA Surface	150.0	TN

## **Specifications**

The work shall consist of constructing a Hot Mix Asphalt Pavement using designated mix types for the roadways and other areas as proposed in SECTION A. All work shall be constructed as outlined in this contract and as directed by the Director of Public Works.

Sweeping, butt joint grinding, pavement markings, structure adjustments, curb and sidewalk removal, new curb installation, hand patching of sidewalks, drives, or utility trenches to be by others unless otherwise stated.

### **A. Equipment Requirements**

1. All Hauling Equipment used on the project will meet the requirements of the most recent edition of MAINE DOT Standard Specifications, section 401.08
2. All Pavers used on the project will meet the requirements of the most recent edition of the MAINE DOT Standard Specifications, section 401.09. When appropriate, a highway class paver meeting the specification with an 8ft main screed may be used.
3. All Rollers used on the project will meet the requirements of the most recent edition of the MAINEDOT Standard, section 401.10

### **B. Plant Requirements**

1. Batch and Drum Plants used to produce mix for this project shall meet the requirements of the most recent edition of the MAINE DOT Standard Specifications, section 401.07
2. The automation of batching shall meet the requirements of the most recent edition of the MAINE DOT Standard Specifications, section 401.072
3. At automatic mixing plants, automatic tickets shall be printed which meet MAINEDOT Standard Specifications, section 401.073

### **C. Materials**

The Hot Mix Asphalt shall be composed of a mixture of aggregate and bituminous material. The aggregate fractions shall be sized, uniformly graded, and combined in accordance with the submitted designs.

The Contractor shall submit, for the Municipal Representative's approval, a current job mix formula (JMF). For a Superpave design, a current MAINEDOT- approved Superpave JMF shall be submitted. If an alternate design similar to the former MAINEDOT designs for B,C, or D mixes is desired, the contractor shall submit a previously MAINEDOT-approved JMF's conforming to the MAINEDOT Standard Specifications, Revisions of April 1995. The JMF's shall be reviewed and approved by the Municipal Representative or an independent testing agency. All JMF's will be required to accompany the bid form.

The job mix formula shall state the source, gradation, and percentage of each fraction of the aggregate and filler, if required and shall state the name of the

refiner and the supplier of the particular bituminous material to be used and the plant location.

#### **D. Construction**

1. All work must be performed as scheduled through the Director of Public Works. Any work performed without the expressed permission of the Director of Public Works may be removed at the cost of the contractor.
2. Full depth reclaim shall be performed with fine grade and appropriate compaction as specified in Maine DOT standard specifications for similar circumstances.
3. Milling, or pavement surface removal, shall be performed as specified in Maine DOT standard specifications for similar circumstances.
4. Butt joints provided by others shall be used at any intersection of any existing pavement at the beginning and end of the project.
5. The construction of Hot Mix Asphalt shall be carried on only when the surface on which the material is to be placed is dry, and when the atmospheric temperature is above 45° F and rising.
6. All existing paved surfaces to be newly paved shall be thoroughly cleaned by others and dry and shall be tack coated prior to placement at a rate of .02 – 0.05gal/sy. All paving operations shall cease when the surface to repave is wet.
7. All traffic control will be provided by the **contractor** and all traffic control devices and setups shall conform to the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD).
8. The cross-slope of the final paved surface shall be as close as possible to a uniform cross-section utilizing materials estimated above in the bid documents. Desirable cross slope would be no less than 1/4" per foot of lane width (2%). All gravel or reclaim shall be graded to 3% prior to placement of HMA.
9. Surface tolerances shall be checked according to MAINEDOT Standard Specifications, sections 401.101.
10. All mixing, spreading, finishing, and compacting and constructing joints shall meet MAINEDOT Standard Specifications, sections 401.14, 401.15, 401.16, 401.17 respectively.

## **E. Testing**

All materials and every detail of work will be subject to inspection by the Municipal Representative who **may** require the Contractor's quality control person to be onsite to monitor material placement and compaction. The Municipal Representative shall be allowed access to all parts of the work. The Municipal Representative shall also have the right to and **may, if deemed necessary**, test at the Municipality's expense, by the following methods:

### **1. Pavement Samples**

- a. Core samples for density testing will be taken in accordance with AASHTO procedures every 1000 tons to achieve a minimum 92.0% density on uniform lifts designed to be greater than 1".
- b. Samples of the Hot Mix Asphalt will be taken in accordance with AASHTO procedures every 1000 tons to check for Asphalt Content, Gradation, and Theoretical Maximum Density.
- c. All test results will be required to be within the allowable tolerances given in Section 400 of the most recent edition of the MAINE DOT Standard Specifications. Method D shall be used.
- d. Upon demand from the Municipal Representative, the Contractor must supply a ten foot straightedge. The surface, when tested, shall be in accordance with Section 401.20 of the most recent edition of the MAINE DOT Standard Specifications.

### **2. Acceptance**

If the Director of Public Works requests it, the Contractor shall remove portions of the finished work as may be directed. After examination, the Contractor shall restore the removed areas of the work to the standards of the specifications. Should the exposed work prove to be acceptable, in the judgment of the Director of Public Works, the removal and replacement of the sections will be paid for as extra work. Should the work exposed prove to be unacceptable in the judgment of the Director of Public Works, the removal and replacement of the material will be at the Contractor's expense.

## **F. Miscellaneous**

### **1. Pre-inspection**

Each Contractor, before submitting an offer, shall become completely familiar with the required work and shall rely on their own investigation. The Director of Public Works will be available to have the sites proposed for paving inspected. No consideration will be granted for any alleged misunderstanding of the material to be furnished, the work to be done, or

for any defects in the final product that are the result of the absence of pre-inspection of a site.

2. Right to change or additional work

The municipality reserves the right to submit change orders in writing to the Contractor. The Town reserves the right to change unit quantities, add or delete project areas without negotiating a new price. The Town reserves the right to negotiate unit pricing for items not included in this bid package.

3. Clean up

At the completion of paving, each site shall be left in a neat and clean condition, subject to approval of the Public Works Director.

4. Insurance

The Contractor shall have and maintain liability insurance that is in force until the work is completed and accepted by the municipalities. The Contractor shall furnish, to the municipality, a certificate of insurance included with the bid documents.

5. Warranties

The Contractor guarantees that the workmanship to be done under this contract and the materials to be furnished by the supplier for use in the construction of the same will be free from defects or flaws. This warranty shall be for a period of one year from the date of completion.

6. Indemnification

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

7. Acceptance period

The Municipality shall have up to a maximum of 45 days from the date of the bid opening to accept an offer.

8. Rejection of offers

The Municipality reserves the right to reject any or all proposals whenever such rejection is in their best interest. The Municipality reserves the right to reject the proposal of a Contractor who has previously failed to perform properly or to complete on time Contracts of a similar nature. The Municipality also reserves the right to reject a proposal from a Contractor if an investigation shows that the Contractor is not in a position to perform the Contract.

9. Payment

The Municipal Representative shall make payment in full after completion, inspection and acceptance. The Unit Price per ton will include mobilization, hauling and placing material, traffic control, bituminous tack applied, and final cleanup.

G. Asphalt Escalator

The municipality will use the latest edition of MaineDOT Special Provision Section 108 to protect the municipality and the contractor against price fluctuations that may occur due to paving schedule delays, bad weather, other priorities, market pricing, etc.

### **Submission Requirements**

To be considered, please include the following information:

1. Completed Bid Form as attached below
2. Certificate of Insurance demonstrating general liability, auto, and workers compensation insurance.
3. Mix designs for all mixes proposed for use.



Town of Orono  
Request for Proposals  
2021 Hot Mixed Asphalt Paving Services

**BID FORM**

**Contractor Name:** \_\_\_\_\_

**Contact Name:** \_\_\_\_\_

**Contact Phone #:** \_\_\_\_\_

**Address:** \_\_\_\_\_

Bid Price for HOT MIXED ASPHALT PAVING services for 2021 as outlined in the above Request for Proposals:

Item #	Item Description	Quantity	Unit	Unit Bid	Extended Cost
1	1 ½" Milling w/ Sweeping & Haul	8,800.0	SY		
2	Reclaim Existing Pavement & Grade	1,500.0	SY		
3	19.0 mm HMA Binder Course w/ Fine Grade	200.0	TN		
4	9.5 mm HMA Shim w/ Tack	1,280.0	TN		
5	12.5 mm HMA Surface w/ Tack	4,950.0	TN		
	"Base" Asphalt Price for Asphalt Adjustment	XXX	TN		XXX

**Total Bid Price: \$** \_\_\_\_\_

Basis of Payment shall be the unit pricing provided for actual field measured work performed with the asphalt adjustment if necessary.

The Town of Orono reserves the right to reject any and all bids; waive irregularities as do not affect the substantive provisions thereof.

\_\_\_\_\_  
Authorized Contractor's Representative Signature

Date: \_\_\_\_\_

Signature indicates the proposer has a full understanding of the work as described in this Request for Proposals and the intent to complete the work as directed by the Town of Orono.