

**TOWN OF PITTSFIELD**  
**Request for Proposals**  
**Manhole Rim Adjustment**

The Town of Pittsfield is requesting proposals from contractors to adjust manhole rims in preparation for paving. Proposals are due by 10:00 am on Friday, September 18, 2020. Copies of the RFP may be obtained from the Town of Pittsfield, 112 Somerset Avenue, Pittsfield, ME 04967 (487-3136) or downloaded from <http://www.pittsfield.org>

**DETROIT AVENUE  
MANHOLE RIM ADJUSTMENT  
TOWN OF PITTSFIELD, MAINE**

**REQUEST FOR FIRM PRICE BID**

The undersigned agrees that they will provide all work, labor, materials, equipment and incidentals for the manhole rim adjustments required on Detroit Avenue for the Town of Pittsfield, Maine for the unit prices indicated below:

- |  |            |
|--|------------|
| 1. Mobilization at \$_____ /LS                     | = \$ _____ |
| 2. Traffic control at \$_____ /LS                  | = \$ _____ |
| 3. 4 VF* MH riser section at \$_____ /VF           | = \$ _____ |
| 4. 11 EA Frame & cover installation at \$_____ /EA | = \$ _____ |

\_\_\_\_\_

Total firm price bid \$ \_\_\_\_\_

\* Note that the stated unit quantity for the MH riser section item is approximate and may vary in the field. These quantities are listed for bid comparison only. Payment will be made for only actual units of work conducted as measured in the field.

There are 11 manhole covers that need to be raised 1-1/2" above existing road level shim coat to allow for final 1-1/2" surface paving.

Indicate any exceptions and provide additional sheet as required: \_\_\_\_\_

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

Signed: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Representing: \_\_\_\_\_

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

\_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

# TOWN OF PITTSFIELD REQUEST FOR PROPOSAL MANHOLE RIM ADJUSTMENT

## NOTICE TO INTERESTED PARTIES

September 1, 2020

1. Quotations will be received at the Pittsfield Town Office, 112 Somerset Avenue, Pittsfield, Maine 04967 until **10:00 AM, Friday, September 18, 2020**. All quotations shall be submitted in sealed envelopes and be plainly marked "**Manhole Rim Adjustment**". No quotations will be accepted by facsimile (FAX) or e-mail transmission.

2. Quotations will be opened publicly by the Town Manager or her designated representative at **10:00 AM, Friday, September 18, 2020**.

3. The successful individual or firm must provide proof with their proposal that he/she/it is adequately covered by insurance as follows:

a. The individual or firm will serve in the capacity of an independent contractor and will maintain insurance to protect it and the Town from any and all claims for personal injury and property damage, and for claims under the Workers' Compensation Acts for the term of the contract.

b. Comprehensive General Liability insurance policy with the following limits of coverage:

|                  |  |
|------------------|--|
| Bodily Injury:   | \$1,000,000                              |
| Property Damage: | \$400,000                                |
| Aggregate:       | \$1,000,000 of all claims per occurrence |

c. Comprehensive Automobile insurance policy with the following limits:

|                 |                          |
|-----------------|--------------------------|
| Bodily Injury:  | \$1,000,000              |
| Property Damage | \$400,000 per occurrence |

d. All insurances must be issued by an insured licensed, authorized and maintaining an office to do business in the State of Maine.

4. The Town of Pittsfield assumes no liability for any costs incurred by respondents or in responding to requests for additional information or interviews prior to the issuance of a contract.

5. All proposals for **Manhole Rim Adjustment** for the Town of Pittsfield must include the following:

- a. Detailed Work History;
- b. Three (3) or more Contract Work References;
- c. Qualifications and experience with providing requested equipment and services in other towns;
- d. Proof of insurance; and
- e. A completed bid form detailing the cost to provide services.

6. The Town of Pittsfield reserves the right to reject any or all quotations, to waive any formality or technicality in the quotations, and to accept the quotation which is deemed to be in the best interest of the Town.

7. The successful bidder will be required to sign the attached agreement.

8. Questions regarding this RFP can be sent to: [publicworks@pittsfield.org](mailto:publicworks@pittsfield.org). Answers will be shared with those who have sent previous questions to this email address.

|                         |  |                    |                         |                   |                  |
|-------------------------|--|--------------------|-------------------------|-------------------|------------------|
| <b>Company Name:</b>    | Town of Pittsfield, 112 Somerset Ave., Pittsfield, Maine 04967 |                    |                         |                   |                  |
| <b>Project Name:</b>    | Detroit Street Paving Project                                  |                    |                         |                   |                  |
| <b>Manhole Location</b> | <b>Number</b>  | <b>Cover Size</b>  | <b>Est. Rise Needed</b> | <b>Quote (\$)</b> | <b>Lead Time</b> |
| Detroit Street          | MH#12  | 1"h x 25" dia.     | 2-1/2"                  |                   |                  |
| Detroit Street          | MH#11  | 1"h x 24" dia.     | 3-1/2"                  |                   |                  |
| Detroit Street          | MH#10  | 1"h x 25" dia.     | 4-1/2"                  |                   |                  |
| Detroit Street          | MH#9   | 1"h x 24" dia.     | 5"                      |                   |                  |
| Detroit Street          | MH#8   | 1"h x 25" dia.     | 4-1/2"                  |                   |                  |
| Detroit Street          | MH#7   | 1"h x 24" dia.     | 4-1/2"                  |                   |                  |
| Detroit Street          | MH#6   | 1-1/4"h x 25" dia. | 5"                      |                   |                  |
| Detroit Street          | MH#5   | 1-1/4"h x 25" dia. | 5"                      |                   |                  |
| Detroit Street          | MH#4   | 1"h x 25" dia.     | 3-1/2"                  |                   |                  |
| Detroit Street          | MH#3   | 1"h x 25" dia.     | 3"                      |                   |                  |
| Detroit Street          | MH#2   | 1"h x 24" dia.     | 2"                      |                   |                  |

**SECTION 01026**

**MEASUREMENT AND PAYMENT**

3.02 SCHEDULE OF PAYMENT ITEMS

A. Item 1 - Mobilization:

1. Payment: Lump sum price as stated in the Proposal.
2. Measurement: Measured as one complete unit.
3. Includes: Mobilization required to bring project materials and equipment to project site and remove equipment and materials after completion of the work.
4. Schedule of Payment: 100% upon acceptance and completion.

B. Item 2 - Traffic Control:

1. Payment: Lump sum price as stated in the Proposal.
2. Measurement: Paid in proportion to percentage of work completed at time of requisition.
3. Includes: All costs associated with traffic control including labor, flaggers, equipment, signage, and incidentals.
4. Schedule of Payment: 100% upon completion.
5. Payment Limitation: No payment shall be made for any period during which Contractor does not provide adequate traffic control after being notified in writing by Owner that traffic control is inadequate. Prorated deductions from the traffic control payment item may be withheld and retained by Owner in the event that adequate traffic control is not provided and Owner reserves the right to retain private traffic control using retained funds or to back charge contractor for private traffic control if retained funds are insufficient. If Owner's cost to provide traffic control exceeds Contractor's payment item value, Owner reserves the right to deduct excess traffic control cost from balance of contract value.

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Detroit Avenue Manhole Adjustment Project  
Town of Pittsfield, Maine

**SECTION 02717**

**MANHOLE RIM ADJUSTMENT**

### 1.03 QUALITY ASSURANCE

- A. Provide precast structures and risers capable of supporting AASHTO H-20 loading.
- B. All precast concrete shall comply with ASTM C913 "Standard Specification for Precast Concrete Water and Wastewater Structures".
- C. Pavement Manufacturer Qualifications: Engage a pavement firm experienced in manufacturing hot mix asphalt similar to that indicated for this project and with a record of success in service performance.
- D. Pavement and Earthwork Standards: Current version of 'Standard Specifications Highways and Bridges', Maine Department of Transportation, and 'Special Provision, Hot Mix Asphalt Pavement' by MDOT and subsequent revisions.
- E. Earthwork Testing and Inspection Service: Owner may employ a qualified independent geotechnical engineering testing agency to verify that soils comply with specified requirements and to perform required field and laboratory testing.

## PART TWO – PRODUCTS

### 2.01 MANHOLE FRAMES AND COVERS

- A. Reuse existing manhole frames and covers.

### 2.02 RISER RINGS TO GRADE

- A. Provide reinforced riser rings to grade.
- B. Use number of rings required to achieve grade elevation.
- C. Seal all joints with bitumastic sealant.
- D. Ring inside diameter shall be 24".

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hand painted plywood, cardboard, paper or non-MDOT standard signs shall be allowed.

## 2.06 MORTAR MATERIALS

- A. For mortar mix: Conform to requirements of ASTM C 270, Type S using Portland cement.
- B. Portland Cement: Natural color ASTM C 150, Type I, except Type III may be used for cold weather construction.
- C. Hydrated Lime: ASTM C270, Type S.
- D. Aggregate for Mortar: ASTM C 144, except for joints less than 1/4" use aggregate graded with 100% passing the No. 16 sieve.
- E. Aggregate for Grout: ASTM C 404.
- F. Water: Clean potable.
- G. Cold Weather Admixture: Non-chloride, noncorrosive accelerating admixture complying with ASTM C 494 Type C.
- H. Premixed mortars shall be as recommended by premix manufacturer and approved by Owner.

## PART 3 – EXECUTION

### 3.01 PREPARATION

- A. Field locate existing manhole covers using metal detectors and test pits where buried.
- B. Clearly mark all manhole locations to be adjusted using fluorescent marking paint.

3. The traffic control personnel shall be in radio communication with each other at all times.
4. Safety items including fluorescent vests, MDOT approved hand held signs, and fluorescent batons shall be used by flaggers.

### 3.03 SITE CLEARING

- A. Remove existing pavements, walks, and curbs to the minimum extent possible to perform the work.
- B. Saw-cut paved surfaces before removal. Use a saw which will cut a neat, and straight joint line.
- C. Remove manhole frames, covers, and risers as required to complete the work or as directed by the Owner.
- D. Excavate adjacent roadway base as required to perform Work.

### 3.04 INSTALLATION OF PRECAST STRUCTURES

- A. Place riser and top sections in the appropriate height combinations.
- B. Follow manufacturer's instructions for sealing joints between frame and riser rings. Provide two rings of 1-inch diameter butyl rubber sealant.
- C. Point joints inside and out with butyl caulk.
- D. Set frames and covers to 3/8" below final pavement grade in paved areas. Set 2" below finish grade in unpaved roads.
- E. Provide adequate temporary covers to prevent accidental entry until final placement of frame and cover is made.
- F. Provide downward force to frame so as to compress the joint and provide a watertight seal and prevent future settlement.

### 3.05 BACKFILL AND FILL

- A. Place acceptable soil material in layers to required elevations as needed to complete the work.

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B. Compact to the following minimum densities:

| <u>FILL AND BACKFILL LOCATION</u>    | <u>DENSITY</u> |
|--------------------------------------|----------------|
| Top 2 feet under pavement            | 95%            |
| Below top 2 feet under pavement      | 92%            |
| Trenches through unpaved areas       | 90%            |
| Around street manholes and wet wells | 92%            |

Maximum density: ASTM D1557, modified.  
Field density tests: ASTM D2922 (nuclear methods).

C. Determine actual in-place densities using field tests as directed by the Owner. Tests will be made by an independent laboratory. Costs for initial tests will be paid by Owner or by testing allowance bid item. Subsequent retests will be paid by Contractor.

D. When field in-place density tests are performed using nuclear methods, make calibration checks of both density and moisture gauges at beginning of work, on each different type of material encountered, and at intervals as directed by the Owner.

3.08 HOT BITUMINOUS PAVEMENT

A. Conditioning of Existing Surface:

1. The surface upon which bituminous mixture is to be placed shall be thoroughly cleaned of all debris and objectionable material as determined by Owner. When the surface of the existing base or pavement is irregular or specified grade, it shall be brought to uniform grade and cross section as directed or as specified.
2. Base course shall be shaped to a tolerance above or below the required cross sectional shape of 3/8 inch.
3. Do not place pavement if base or existing pavement layers are wet, excessively damp, or frozen.
4. Place binder and surface courses to the depth and elevations to match existing and as required to complete the work or as directed by Owner.

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**TOWN OF PITTSFIELD, MAINE  
DETROIT AVENUE  
MANHOLE RIM ADJUSTMENT PROJECT  
CONSTRUCTION AGREEMENT**

THIS AGREEMENT, made this \_\_\_ day of \_\_\_\_\_, 2020 by and between the Town of Pittsfield, Maine, hereinafter called "OWNER" and \_\_\_\_\_ of \_\_\_\_\_, Maine hereinafter called "CONTRACTOR".

WITNESSETH: That for, and in consideration of, the payments and agreements hereinafter mentioned:

- 1) The CONTRACTOR will commence and complete all manhole rim adjustments for the proposed Detroit Avenue Manhole Rim Adjustment project, hereinafter "PROJECT". The proposed work shall include, but is not limited to, the following:
  - Mobilization.
  - Traffic control.
  - Saw cutting and removal of existing roadway pavement.
  - Removal of existing and installation of new manhole riser sections.
  - Removal of existing and reinstallation of manhole frame and cover on newly constructed riser section.
  - Backfill and compaction.
  - Pavement restoration.
  - One (1) year warranty for all precast components and masonry work to be free of defects in workmanship or materials.
- 2) The CONTRACTOR will furnish all of the materials, supplies, tools, equipment, labor, and other services necessary for the manhole rim adjustment work and completion of the PROJECT described herein.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized official, this Agreement in triplicate each of which shall be deemed an original on the date first above written.

**OWNER:** Town of Pittsfield, Maine

By: \_\_\_\_\_

Name: Kathryn Ruth

Title: Town Manager

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

**CONTRACTOR:** \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

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