



TOWN OF  
**PEACE RIVER**  
ALBERTA

## **REQUEST FOR TENDER – CONSTRUCTION SERVICES**

**Town of Peace River**

**2022 Crack Sealing**

**Schedules**



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## 1.0 SCHEDULE "A" – SERVICES (TERMS OF REFERENCE)

- 1.1 Construction Services will consist of, but not limited to the following:
  - .1 Construction Planning
    - .1 Development and administration of project plan,
    - .2 Pre-construction meeting for submission of project plan
    - .3 Submission of a Traffic Accommodation Plan prior to the Director of Transportation & Infrastructure three working days prior to the commencement of work
  - .2 Crack Sealing
    - .1 Materials, labour, and proper application of crack sealant to manufacturer specification
    - .2 Application of crack sealant to all cracks within the entire width of the pavement surface, which are 5 mm and greater in width
- 1.2 The Contractor is responsible for noting any exclusions to the services to be provided. If there are any services that are not identified in the Request for Tender but are essential for the successful completion of the project the Contractor is to identify them and provide a separate fee to complete.
- 1.3 Each Bid submission must be submitted in two envelopes, clearly marked "Request for Tender - Town of Peace River - 2022 Crack Sealing"
- 1.4 Envelope 1 is to contain the written proposal submission minus the fee schedule.
- 1.5 Envelope 2 is to contain the fee schedule.
- 1.6 All proposals must be accompanied with one digital copy of submission in .pdf format.
- 1.7 Both envelopes to be enclosed into a larger envelope and addressed to:

The Town of Peace River  
PO Box 6600  
9911 100 Street,  
Peace River, AB  
T8S 1S4  
Attention: Mr. Jim McCuaig, P. Eng., Director of Engineering and Infrastructure
- 1.8 Submissions must be delivered:
  - .1 Before date and time noted in the main Request for Tender under Key Proposal Dates and Schedule; and



- .2 To the Town Office at 9911 – 100 Street, Peace River, AB
- 1.9 Proposals received that do not comply with the foregoing will be returned to the Consultant(s) without consideration.
- 1.10 The Work is defined in the Contract Documents as the “Services” and includes all labour and materials required to be supplied or provided to the Town.
- 1.11 A copy of the Request for Proposal Documents is attached to this Notice to Consultants.
- 1.12 The Contractor is responsible for ensuring that:
  - .1 it is in possession of all Request for Proposal Documents, as defined in the Instructions to Contractors;
  - .2 The Request for Proposal Documents have been carefully examined; and
  - .3 It is satisfied as to the nature and location of the Work.
- 1.13 The Town reserves the right to accept or reject any and all Bids and waive irregularities and informalities at its discretion as set out in the Instructions to Contractors.
- 1.14 Verbal, telephone, telegram, or electronically transmitted facsimile Bids will not be accepted or acknowledged.
- 1.15 Calculation of fees and disbursements must be provided.
- 1.16 Contractor to provide hourly fee schedule to be used for additional work changes.
- 1.17 Tender Fees proposals based upon percentage of construction will not be accepted.



## 2.0 SCHEDULE “B” – DESCRIPTION OF THE PROJECT

### 2.1 Background

- .1 The purpose of crack sealing is to prolong the life of existing pavements by preventing moisture from penetrating the roadway structure, and by preventing the spalling of material from the edges of the cracks.

### 2.2 Project Requirements

- .1 This project is to apply crack sealing to the areas as defined in the table below.

Street / Avenue	From	To	Length (km)
101 Street	96 Avenue	100 Avenue	0.379
94 Street	100 Avenue	94 Avenue	0.477
99 Street	107 Avenue	End of Road (South)	0.878
98 Street	93 Avenue	71 Avenue	2.212
91 Street	92 Street	93 Street	0.788
80 Street	97 Avenue	106 Avenue	0.940
78 Street	97 Avenue	100 Avenue	0.244
78 & 80 Street	100 Avenue	106 Avenue	0.674
74 Street	100 Avenue	End of Road	0.736
68 Street	101 Avenue	67 Street	0.422
<b>Total</b>			<b>7.750</b>

### 2.3 Project Scope

- .1 General Specifications:
  - .1 The Contractor shall supply all materials necessary for the work.
  - .2 The Contractor shall supply EC-101 or HC-200 crack sealant. The Contractor shall verify that all crack sealant delivered and used in the work is the appropriate type and grade. Overheating will not be permitted. Crack sealant shall be applied within the manufacturer's specified temperature range. Crack sealant shall not be applied when the atmospheric temperature at the



construction site is below 0° Celsius.

- .3 All Work shall be performed during daylight hours only. No Work shall be performed if the visibility is less than 700 metres. No Work shall be performed during rain or snow or when the pavement surface or cracks are wet.
  - .4 All cracks within the entire width of the pavement surface, which are 5 mm and greater in width shall be sealed. Prior to the application of crack sealant, the Contractor shall ensure that the road surface adjacent to the cracks is clean. Crack sealant shall be applied so that the crack is flush filled immediately following application and a thin overband of sealant extends approximately 25 mm beyond the edges of the crack. Excess crack sealant shall be removed from the pavement surface immediately following application. Removal shall involve the use of a squeegee, starting from the centerline and proceeding to the shoulder.
  - .5 Hot pour crack sealant shall be heated to the temperature specified by the manufacturer. The Contractor shall supply all equipment necessary for completion of the Work including but not limited to the melting kettle (Hot Pour only), crack sealing equipment and all related equipment such as forklifts, hoists, and transport vehicles. The melting kettle shall consist of a double jacketed oil bath kettle with continuous agitation equipment to prevent localized heating. The kettle must be equipped with two thermometers to show the temperature of the crack sealant and the temperature of the heat transfer oil. Application equipment must be capable of regulating the application of crack sealant directly to the road.
  - .6 Work that does not meet the foregoing requirements shall be repaired or reconstructed to the satisfaction of the Director of Engineering & Infrastructure and at the Contractor's expense.
  - .7 Fuel, asphalt and any other spills shall be cleaned up to the satisfaction of the Director of Engineering & Infrastructure at the Contractor's expense.
- .2 Signaling and traffic accommodation
- .1 The contractor is responsible for traffic accommodation and ensuring that Traffic shall be kept off sealed cracks until the crack sealant will not track under the action of traffic. At locations such as intersections where this is not practical, the Contractor shall prevent tracking by applying a blotting agent to the crack sealant.
  - .2 The contractor will submit a Traffic Accommodation Plan prior to the Director



of Transportation & Infrastructure three working days prior to the commencement of work.

- .3 The contractor shall utilize Alberta Transportations – Traffic Accommodations in Work Zones 2008 as a guide in preparing the Traffic Accommodation Plan. It may be necessary for the Contractor to modify these drawings and/or develop new drawings to address non-typical situations when developing the Traffic Accommodation Strategy
  
- .3 Measurement for Payment
  - .1 Measurement will be made of the length of roadway, in kilometres, on which crack sealing has been performed. A roadway will include all travel lanes, shoulders, acceleration and deceleration lanes, truck turnouts and intersections. A divided or twinned highway will be considered two separate roadways.



### 3.0 SCHEDULE "C" - FEES

#### 3.1 Fees

.1 Fees below are to be submitted for the work described in Schedule "B".

(Attach Successful Contractor's Tender)

(FOR TOWN USE ONLY)





#### 4.0 SCHEDULE "D" - IDEMNIFICATION

4.1 The following are a list of Consultants, Agents, and Town Representatives to be indemnified by the Selected Consultant:

- .1 Town of Peace River Staff, and members of the Town Council.



## 5.0 SCHEDULE "E" - SITE PHOTOS, DRAWINGS AND SKETCHES

Please refer to ArcGIS Online map available on the Town of Peace River map so found at the link:

<https://peacriver.maps.arcgis.com/home/index.html>



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**6.0 SCHEDULE "F" – SUPPLEMENTARY DATA**