



TOWN OF
PEACE RIVER
ALBERTA

REQUEST FOR PROFESSIONAL ENGINEERING SERVICES

Town of Peace River

Asphalt Overlay and Sidewalk Replacement Program 2023 – 2025

Schedules



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

- 1.1 Engineering Services will consist of, but not limited to the following:
 - .1 Pre-Design
 - .1 Inspection and review of previous documentation and existing infrastructure;
 - .2 Site Survey and Layout Design; and
 - .3 Geotechnical Testing as required.
 - .2 Schematic Design
 - .1 Civil preliminary design for roads, sidewalks, trails, curb and gutter, and stormwater catchbasins.
 - .2 Construction Staging Plan;
 - .3 Preparation of Construction Class C Estimates;
 - .4 Obtaining all regulatory approvals and permits.
 - .3 Design Development
 - .1 Civil design for roads, sidewalks, trails, curb and gutter, and stormwater catchbasins.
 - .4 Construction Documents
 - .1 Preparation of Tender Packages; and
 - .2 Preparation of Construction Class B estimates.
 - .5 Tender
 - .1 Tender administration
 - .6 Construction Administration
 - .1 Construction inspection and quality control materials testing;
 - .2 Progress draw evaluation;
 - .3 Interim inspections as required; and
 - .4 Final Inspections of all work completed.
 - .7 Post Construction Services
 - .1 Submission of reports and as-built drawings in digital and/or any form as requested by the Town of Peace River Engineering Department.
- 1.2 The Consultant 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 Proposals but are essential for the successful completion of the project the Consultant is to identify them and provide a separate fee to complete.



- 1.3 Each Proposal submission must be submitted in two envelopes, clearly marked “Request for Engineering Services - Town of Peace River - Pavement and Sidewalk Program 2023 – 2025”
- 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: Engineering Services – RFP Asphalt Overlay and Sidewalk Replacement Program
2023-2025
- 1.8 Submissions must be delivered:
 - .1 Before date and time noted in the main RFP 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 Consultant is responsible for ensuring that:
 - .1 it is in possession of all Request for Proposal Documents, as defined in the Instructions to Consultants;
 - .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 Request for Proposal and waive irregularities and informalities at its discretion as set out in the Instructions to Consultants.
- 1.14 Verbal, telephone, telegram or electronically transmitted facsimile Proposals will not be accepted or acknowledged.
- 1.15 Calculation of fees and disbursements must be provided.
- 1.16 Consultant to provide hourly fee schedule to be used for additional work/engineering scope changes.
- 1.17 Engineering Fees proposals based upon percentage of construction will not be accepted.



2.0 SCHEDULE “B” – DESCRIPTION OF THE PROJECT

2.1 Background

- .1 The Town of Peace River budgets annually to overlay asphalt pavement and replace concrete within the road, sidewalk and trail networks. The Town anticipates replacing an estimated 1,500m of asphalt and an estimated 1,000m of sidewalk within the Town limits over the course of 3 years.
- .2 The annual budget includes funds for an Annual Overlay Program, Patch Replacements necessitated by damage caused by underground works over the last year, and Patch Replacements identified by Administration through operations and concerns from residents.
- .3 The annual budget is subject to approval by Town Council but is anticipated to be between \$500,000 and \$600,000 for asphalt pavement and \$130,000 to \$160,000 for concrete each year.
- .4 The 2023 budget has been approved.
- .5 A list of locations and approximate quantities, provided in the project scope below, has been identified to inform the Annual Overlay Program, Patch Replacement, and the Annual Trail Overlay Program.
- .6 The project is expected to evolve year-to-year as new work scopes arise. The work is expected to be broken up into:
 - .1 2023
 - .1 Annual Overlay Program: 91st Street from 107th Ave until 111th Ave;
 - .2 Patch Replacements from underground works: occurred since October 2022;
 - .3 Patch Replacement: Identified by Administration & the Consultant; and
 - .4 Perform Trail assessment and determine Annual Trail Overlay Program based on available construction budget.
 - .2 2024
 - .1 Annual Overlay Program: 73rd Avenue from 99th Street until 100th Street;
 - .2 Patch Replacements from underground works: occurred since October 2023;
 - .3 Patch Replacement: Identified by Administration & the Consultant; and
 - .4 Annual Trail Overlay Program.
 - .3 2025
 - .1 Annual Overlay Program: 91st Street from 111th Ave until 92nd St, and, as a deletable item, 91st Street from 92nd Street to end of cul-de-sac;
 - .2 Patch Replacements from underground works: occurred since October 2024;
 - .3 Patch Replacement: Identified by Administration & the Consultant; and
 - .4 Annual Trail Overlay Program.



- .7 The paving will involve:
 - .1 a selective subgrade excavation to repair base and sub-base as required;
 - .2 milling and pavement overlay of asphalt;
 - .3 Repair and replacement of concrete curb and gutter as required;
 - .4 Replacement of stormwater catchbasins as required; and
 - .5 Replacement of storm and sanitary sewer manhole risers and covers as required.

- .8 Deletable Items:
 - .1 The Town is seeking to understand engineering and total construction costs for an upgrade to 91st St south of 92nd St until the end of the road from the existing gravel to an asphalt pavement with curb and gutter. The Town is looking for a deletable item for the cost of engineering. This item may be added as scope of construction work in 2025 pending budget approval.
 - .2 The Town is seeking to understand engineering costs for an assessment of the dyke trail along the east side of the Peace River within the Town of Peace River to facilitate the strategic maintenance of that asset, and to determine Trail Overlay priorities for 2023 to 2025. The Town is looking for a deletable item for the cost of engineering.

2.2 Project Requirements

- .1 This project is to provide engineering and project management services each year identified above for:
 - .1 Meeting the Town of Peace River – General Municipal Servicing Standards (GMSS);
 - .2 Meeting the Government of Alberta – Transportation’s Standard Specifications for Highway Construction (Edition 15, 2013) where not identified under the GMSS.
 - .3 Managing and verifying Traffic Accommodation Plans to be submitted by future Contractor three working days prior to commencement of work
 - .1 Alberta Transportations – Traffic Accommodations in Work Zones 2008 shall be used as a guide for this process
 - .4 Site grading and storm water management as required including (but not limited to) all roads, berms, ditches, culverts, and swales as required; and
 - .5 Cut and fill requirements for the site.

2.3 Project Scope

- .1 The successful consultant will review existing reports, meet with Engineering and Public Works staff, and review the site area to confirm the locations for asphalt and sidewalk replacement. The successful consultant will provide recommendations to the Town to distribute the work over the three years.



- .2 The successful consultant will meet with Engineering and Public Works staff in the early in the second quarter of 2024 and 2025 to review arising changes and additions to the work program.
- .3 It is anticipated that the scope of work may include but is not limited to:
 - .1 Subgrade Excavation as applicable;
 - .2 Cold Milling as applicable;
 - .3 Granular Base Course;
 - .4 Asphalt Concrete Pavement;
 - .5 Catchbasins as required;
 - .6 Manhole risers and covers as required; and
 - .7 Concrete Curb, Gutter, & Sidewalk.
- .4 At the completion of preliminary design, the consultant will submit 60% design drawings/statement of requirements and have a review meeting with the Towns Engineering and Public Works staff. The consultant will update the 60% design drawings/statement of requirements and have a review meeting for each annual work program.
- .5 The Consultant will prepare complete tender documents and coordinate with the Town to post the tender on the Alberta Purchasing Connection. The Consultant will provide tender administration including the preparation of any required addenda. Upon closing of the construction tender, the Consultant will assist the Town in evaluating and awarding the project to the successful contractor.
- .6 The Consultant will provide Construction Administration services sufficient to ensure the proper construction and execution of the construction contract. The Consultant shall conduct field reviews sufficient to fulfill the following requirements:
 - .1 Town of Peace River – General Municipal Servicing Standards;
 - .2 Government of Alberta – Transportation’s Standard Specifications for Highway Construction;
 - .3 The Accessibility Standards Canada Draft A Model Standard for the Built Environment Standards
 - .4 Alberta Transportations – Traffic Accommodations in Work Zones 2008; and
 - .5 Association of Engineers and Geoscientists of Alberta (APEGA) standards and guidelines.
- .7 The identified Annual Overly Program and existing priority Patch Replacements are listed below:



ESTIMATED QUANTITIES

No.	Address	Address Description	Priority for 2023?	Asphalt (s.q.m.)	
				Road	Parking
<i>Annual Overlay Program</i>					
1A	91 Street in Lower West Peace	91 St from 107 Ave to 111 Ave	Yes	5,425	
1B	91 Street in Lower West Peace	91 St from 111 Ave to 92 St	No	3,935	
2	73 Ave north of Ecole Quatre Vents	73 Ave from 99 St to 100 Street, and 99A St Cul-De-Sac	No	3,195	
	TBD	Dyke Trail Overlay		TBD	
<i>Patch Replacements</i>					
1	10120 91 Ave	Corner of 91 Ave and Kaufman Hill Rd	Yes	99	
2	9416 89 Ave	In front of Canada Post Office boxes	Yes	131	
3	7913 100 Ave	Over stormwater culvert	Yes	86	
4	9717 101 St	101 St near 98 Ave. Water break patch	Yes	176	
5	10104 100 Ave	101 St opposite Fire Hall No 1. Water break patch	Yes	185	
6	10302 77 St	Approach and road on 102 to property	Yes	36	51
7	9505 77 Ave	Water break patch	Yes	145	
8	94 Ave & 94 St	Asphalt for sidewalk to access dyke on West side	Yes		4 (sidewalk)
9	9810 101 Ave	Road to back alley	Yes	16.5	
10	10122 100 St	Near Storm Gate 30 in parking lot	No		18
11	10633 84B St	Cul-De-Sac	No	515	
12	9810 94 Ave	98 St & 94 Ave near Pat's Auto	Yes	31	
		Add patch by CN Crossing on 100 Ave		200	
ASPHALT SUB-TOTAL				13,944.5	73
No.	Address	Address Description	Priority for 2023?	Concrete (l.m.)	
				Sidewalk	Curb & Gutter
<i>Annual Overlay Program</i>					
1A	10929 91 St	91 St from 107 Ave to 111 Ave	Yes	300	
1B	10929 91 St	91 St from 111 Ave to 92 St	No	155	
<i>Patch Replacements</i>					
2	10001 91 Ave	Base of stairs on the East side of Peace River High School	Yes	4	
3	9416 89 Ave	In front of Canada Post Office boxes	Yes	12.6	1.7
4	9940 102 St	Pararamp for new handicap stall in front of Aspen Mile Medical Inc.	Yes	1.5	1
5	10002 98 Street	Sidewalk to Third Mission Heritage Suites	Yes	4.5	
6	10123 103 Ave	Red brick replace with concrete	Yes	25	
7	7521 96 St	In front of fire hydrant	Yes	9	9



8	11002 103 St	Sidewalk from south of property to storm drain	Yes	32.5	
9	9720 98 St	98 Ave South of Blue Star Bowling Lanes	Yes	43	
10	9810 101 Ave	Entrance to back alley	Yes	8.5	3.2
11	13605, 13309, 12817 92 St	Storm drain cover repair/replacement	Yes	N/A	N/A
12	10802 90 St	Panel replacement near hydrant near 109 Ave & Shaftesbury Trail	Yes	1	
13	10104 100 Ave	101 St opposite Fire Hall No 1. Water break patch	Yes	8	8
14	9505 77 Ave	Water break patch	Yes	23	23
15	10124 104 Ave	7 sidewalk panels in front of house and to the West	No	13	
16	10633 84B St	Sidewalk around Cul-De-Sac	No	60	
17	10614 93 St	Heaved sidewalk from 107 Ave to driveway	No	24	
18	10301 100 St	Pararamp replacement on West side of road	No	4	2
19	11014 103 St	2 panels to the South of driveway	No	8	
20	10101 68 St	New sidewalk to connect hospital and Sunrise Medical Centre	No	18.5	
21	8603 94 St	Island on West side of 94 St between Kinsmen Park and parking requires pararamps for the crosswalk	No	8	
22	7420 98A St	2 sidewalk panels in front of house	No	6	
23	8415&8417 94 St	In front of both driveways	No	16	16
24	9413 94 St	New sidewalk on North side of road to connect missing sidewalk	No	7	
25	98 St & 75 Ave	Pararamp for SW and SE corners of intersection	No	2.4	
26	9810 94 Ave	98 St & 94 Ave near Pat's Auto	Yes	8.5	
CONCRETE SUB-TOTAL				844.1	63.9



3.0 SCHEDULE "C" - FEES

3.1 Fees

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

(Attach Successful Consultant's Proposal)

(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.



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

Visuals can be found on Town of Peace River ArcGIS Online Maps found at:

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



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6.0 SCHEDULE "F" – SUPPLEMENTARY DATA