

AGENDA ITEM NO: 7.1

MEETING DATE: October 10, 2023

STAFF REPORT – COVER SHEET

SUBJECT: 2023 Asphalt Rehabilitation Contract Award DATE: October 3, 2023

DEPARTMENT: Engineering PREPARED BY: Doug Mossey

1. SUMMARY OF ISSUE:

Four (4) tenders were received for the 2023 Asphalt Rehabilitation Program. The work includes the supply of all labour, materials, and equipment to overlay or replace asphalt roads and reinforce road structure. The tender evaluation is based on the sum of identified base work.

A decision to award the tender to the low bidder is required.

2. RECOMMENDATION:

Recommendation that Council award the tender for the 2023 Asphalt Rehabilitation Program to B.A. Blacktop Ltd., in the amount of \$3,196,685.89 (plus applicable taxes); and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.


Kara Jefford, Director of Engineering


3. FINANCE COMMENTS:

Sufficient funding has been allocated within the approved 2023 & 2024 Financial Plan for these projects, being funded from a combination of various funding sources.


FOR: Glen Savard, Director of Finance

**4. CHIEF ADMINISTRATIVE OFFICER'S
RECOMMENDATION/COMMENTS:**

Supports recommendation.


Chris Crosman, CAO

**STAFF REPORT ON
2023 ASPHALT REHABILITATION PROGRAM**

PREPARED BY: Keegan MacIsaac DATE: October 3, 2023
POSITION: Senior Roads Technician DEPARTMENT: Engineering

1. DEFINITION OF ISSUE:

Four (4) tenders were received for the 2023 Asphalt Rehabilitation Program. The work includes the supply of all labour, materials, and equipment to overlay asphalt roads and reinforce road structure. The tender evaluation is based on the sum of identified base work. See Table A for details.

TABLE A

| Tenderer | Tender Price (plus applicable taxes) |
|-----------------------------|---|
| B.A. Blacktop Ltd. | \$ 3,196,685.89 |
| All Roads Construction Ltd. | \$ 3,686,000.00 |
| Lafarge Canada Inc. | \$ 3,741,000.00 |
| Key West Asphalt Ltd. | \$ 3,826,625.33 |

A decision to award the tender to the low bidder is required.

2. FACTORS:

- 2.1 Each year the City of Chilliwack tenders asphalt rehabilitation work for various roads to maintain the driving surface and reduce maintenance costs.
- 2.2 The Engineering Department recommends rehabilitation of roads in the worst condition in each classification based on an independent condition survey which is updated every five years. A comprehensive survey was completed by Stantec in the late summer of 2017 and the next survey is underway with field work completed in August 2023 with an expected report delivery of mid-October.
- 2.3 The Engineering Department also works with City Operations, Development and Utilities to coordinate timing and scope of work where possible to avoid unnecessary utility cuts in new asphalt, minimize impact to residents and increase cost efficiencies.
- 2.4 The following Table B provides locations included in the paving tender under identified basic work. Table C provides locations identified as provisional work.

TABLE B – BASIC WORK

| LOCATION | DESCRIPTION |
|--|--|
| Nowell Street – First Ave South to Rail Tracks | Asphalt rehabilitation and base gravel repair |
| Unsworth Road – South Sumas Road North to End of Pavement | Asphalt rehabilitation |
| Prairie Avenue – Wilson Road to Hydro ROW | Asphalt rehabilitation |
| Hocking Avenue – McIntosh Drive to Yale Road | Asphalt rehabilitation and traffic loop replacement |
| Reece Avenue – Young Road to Williams Street | Asphalt rehabilitation |
| Extrom Road – Brideside Road to Sherlaw Road | Asphalt rehabilitation |
| Chilliwack Mountain Road – Grand View Road to Schweyey Road | Asphalt rehabilitation |
| Lickman Road – Sumas Central Road to Luckakuck Road | Asphalt rehabilitation and road widening for bicycle lanes |
| Prairie Central Road – Banford Road to Gibson Road | Asphalt rehabilitation and pavement-support membrane install |
| Vedder Mountain Road – Yarrow Central Road to Municipal Border | Asphalt rehabilitation |
| Commercial Court – Evans Road to Cul-de-sac | Asphalt rehabilitation and overlay |

TABLE C – PROVISIONAL WORK

| LOCATION | DESCRIPTION |
|---|---|
| Prairie Central Road – Banford Road to Gibson Road | Asphalt rehabilitation and base gravel repair |
| Andrews Avenue – Broadway to End of Pavement | Asphalt rehabilitation |
| Ashwell Road – Spadina Avenue to Wellington Avenue | Asphalt rehabilitation |
| Simpson Road | Asphalt rehabilitation and shoulder paving |
| Lickman Road – Sumas Central Road to Luckakuck Road | Structural fill placement as required |
| Milling breakthrough treatment | Asphalt Rehabilitation as required |
| Base material repairs <20m lineal sections | As required |
| Base material repair >20m lineal sections | As required |
| Additional top lift | Asphalt rehabilitation as required |
| Premium for Mueller adjustable manholes | As required |
| Additional level course | Asphalt rehabilitation as required |
| CMS Trailers | Public notification as required |
| Concrete curb and gutter remove and replace | Concrete rehabilitation as required |
| Sidewalk concrete remove and replace | Concrete rehabilitation as required |
| Catch basin install | As required |
| Additional road gravels for road grading | As required |

- 2.5 Funds will be utilized from the 2023 and 2024 Asphalt Rehabilitation budgets. The provisional work, as highlighted in Table C, will potentially be awarded as the timing and scope of each are confirmed.
- 2.6 Roadways with cycling improvements include the following:
 - a. Lickman Road Sumas Central Road to Luckakuck Road – Road widening to allow bicycle lanes on both sides of the road.
- 2.7 Roadworks will tentatively begin during the first week of November 2023, weather and ground temperatures permitting. The bulk of the works will be completed in early spring of 2024.

3. RECOMMENDATION & SUBSTANTIATION:

Recommendation:

Recommendation that Council award the tender for the 2023 Asphalt Rehabilitation Program to B.A. Blacktop Ltd. in the amount of \$3,196,685.89 (plus applicable taxes); and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.

Substantiation:

B.A. Blacktop Ltd. has met the requirements to qualify for contract award. They have a full complement of near-new equipment and have significant experience in the local construction and paving industry. B.A. Blacktop was awarded the City of Chilliwack 2020 – 2022 Asphalt Rehabilitation Contracts and we have been satisfied with their work.