

AGENDA ITEM NO: 7.2

MEETING DATE: September 26, 2023

**STAFF REPORT – COVER SHEET**

SUBJECT: Tyson – Keith Wilson Design-Build Project – RFP Evaluation DATE: September 18, 2023

DEPARTMENT: Engineering PREPARED BY: Kevin Pollard


**1. SUMMARY OF ISSUE:**

Design-Build proposals were received from BA Blacktop Infrastructure, B&B Heavy Civil Construction and Jakes Construction for the design and construction of the Tyson – Keith Wilson Design-Build Project.

A decision to accept a proposal for the Tyson – Keith Wilson Design-Build Project is required.

**2. RECOMMENDATION:**

Recommendation that Council accept the proposal for the Tyson – Keith Wilson Design-Build Project from the lead proponent, B&B Heavy Civil Construction Ltd., in the amount of **\$8,900,404** (plus applicable taxes); and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.

  
K. Jefford, Director of Engineering


**3. FINANCE COMMENTS:**

Sufficient funds are available in the 2023 Financial Plan funded from the Roads DCC and General Fund.

  
Glen Savard, Director of Finance

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

Supports recommendation.

  
Chris Crosman, CAO

**STAFF REPORT ON  
TYSON – KEITH WILSON DESIGN-BUILD PROJECT – RFP EVALUATION**

PREPARED BY:	<u>Kevin Pollard</u>	DATE:	<u>September 18, 2023</u>
POSITION:	<u>Assistant Manager– Transportation and Drainage</u>	DEPARTMENT:	<u>Engineering</u>

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**1. DEFINITION OF ISSUE:**

Design-Build proposals were received from BA Blacktop Infrastructure, B&B Heavy Civil Construction and Jakes Construction for the design and construction of the Tyson – Keith Wilson Design-Build Project.

A decision to accept a proposal for the Tyson – Keith Wilson Design-Build Project is required.

**2. BACKGROUND:**

2.1 On June 6<sup>th</sup>, 2023 the following three (3) proponents were advanced to the RFP Stage 2:

- BA Blacktop Infrastructure / McElhanney Engineering Services Ltd.
- B&B Heavy Civil Construction Ltd. / Aplin & Martin Consultants Ltd.
- Jakes Construction Ltd. / ISL Engineering and Land Services Ltd.

2.2 The Tyson – Keith Wilson Design-Build Project is made up of two different transportation projects, as described below:

- **Tyson Road – Stevenson Rd to Watson Rd**

Works include signalized intersection widening/upgrades at South Sumas Road and approximately 1,270m of road widening/reconstruction complete with drainage works, paving, streetlighting, street trees, curb and multi-use pathways on both sides of Tyson Road (site plan in Appendix 'A').

- **Keith Wilson Road – Hipwell PI to Garrison Blvd**

Works include approximately 730m of road widening/reconstruction complete with drainage works, paving, streetlighting, street trees, curb, sidewalk and bike lanes (north side) and multi-use pathway (south side). Road geometry improvements to reduce westbound traffic entering the roundabout are included in the proposal (site plan in Appendix 'A').

### 3. ANALYSIS:

- 3.1 The table below summarizes the proposal prices and points awarded for superior technical elements:

Proponent Name	Base Price	Price Adjustment	Total Price	Technical Points /45	Price Points /55	Total Points /100
B&B Heavy Civil Construction	\$8,346,600	\$157,097	\$8,503,697	32.8	55	87.8
Jakes Construction	\$9,480,000	\$0	\$9,480,000	36.7	45.5	82.2
BA Blacktop	\$11,197,814	(\$54,972)	\$11,142,842	36.2	29.4	65.6

- 3.2 The evaluation committee ranked the RFP submittals based on information contained within the respective Technical Proposals.
- 3.4 The Financial Proposals remained sealed until all rated criteria evaluations of the technical proposals were finalized and documented. The City Treasury Department provided and opened the Financial Proposals at the conclusion of the technical evaluation.
- 3.5 B&B Heavy Civil Construction is deemed to be the lead proponent based on highest total points, as shown in the above table.

### 4. FACTORS:

- 4.1 The lead proponent's proposal includes co-ordination with BC Hydro, Telus and Shaw for the necessary relocation of utility poles on both project sites. Utility companies will not initiate their detailed design until they receive the 100% road design drawings from the selected lead proponent. Once utility design is completed, pricing will be received for the necessary relocations. The current 2023 budget has allocated funds for these additional works based on the engineer's estimates.
- 4.2 After contract negotiations with the lead proponent, agreed additional works require a net increase of \$396,707 (excluding GST) to the contract.
- 4.3 Substantial Completion is anticipated to be achieved by March 31, 2025 for both projects.
- 4.4 The City was successful in a grant application for the Tyson Road Project. This project will receive \$500,000 from the B.C. Active Transportation Infrastructure Grant.

- 4.5 With the planned multi-use paths for pedestrians and cyclists behind the curb and away from the travel lane portion of the roadway, Tyson Road will become the first north-south arterial in the City with continuous cycle and pedestrian facilities and will be a major milestone in Active Transportation community connectedness. This section of Tyson Road is the final 1km without sidewalks along the 8.5km long corridor and is ranked as one of the highest priority projects in the City's Active Transportation Plan and is identified as a core route in the City's Cycle Vision Plan.

**5. RECOMMENDATION & SUBSTANTIATION:**

Recommendation:

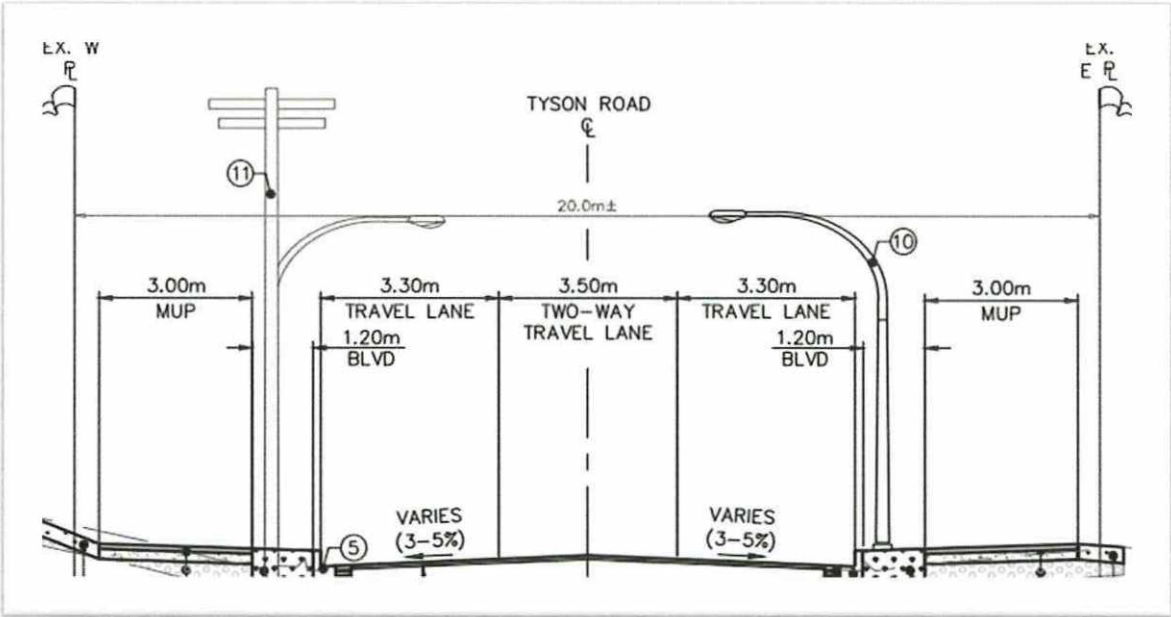
Recommendation that Council accept the proposal for the Tyson – Keith Wilson Design-Build Project from the lead proponent, B&B Heavy Civil Construction Ltd., in the amount of **\$8,900,404** (plus applicable taxes); and further, that the Mayor and Clerk be authorized to sign any necessary documentation.

Substantiation:

These road improvement projects will provide for enhanced safety, more efficient vehicular movements and increased pedestrian/cyclist facilities within the road allowance now available. These projects have been combined into this larger single Design-Build project to realize economies of scale and to co-ordinate road works to minimize traffic disruption.

APPENDIX 'A'

Tyson Road – Stevenson Rd to Watson Rd





APPENDIX 'A'

Keith Wilson Road – Hipwell Pl to Garrison Boulevard

