



SUBJECT: ES-21-19 Tender Award Report, Walkers Line Bridge Replacement 1.7km north of Britannia Road

TO: Environment, Infrastructure & Community Services Cttee.

FROM: Engineering Services Department

Report Number: ES-23-21

Wards Affected: Ward 3 & 6

File Numbers: 570.02-979

Date to Committee: May 6, 2021

Date to Council: May 18, 2021

Recommendation:

Award the tender for contract ES-21-19, Walkers Line Bridge Replacement, 1.7 km north of Britannia Road to KAPP Infrastructure Inc. for \$890,912.00 including HST; and

Authorize the Manager of Procurement Services to issue a purchase order and/or sign any associated agreements with the bidder named above; and

Authorize the Mayor and City Clerk to sign any required agreements with the bidder named above, subject to the satisfaction of the Executive Director of Legal Services and Corporation Counsel; and

Approve the total cost of \$1,241,000 (Net HST) to be charged to **Capital Order BG0027** and funded as outlined in the Financial Matters section of engineering services department report ES-23-21.

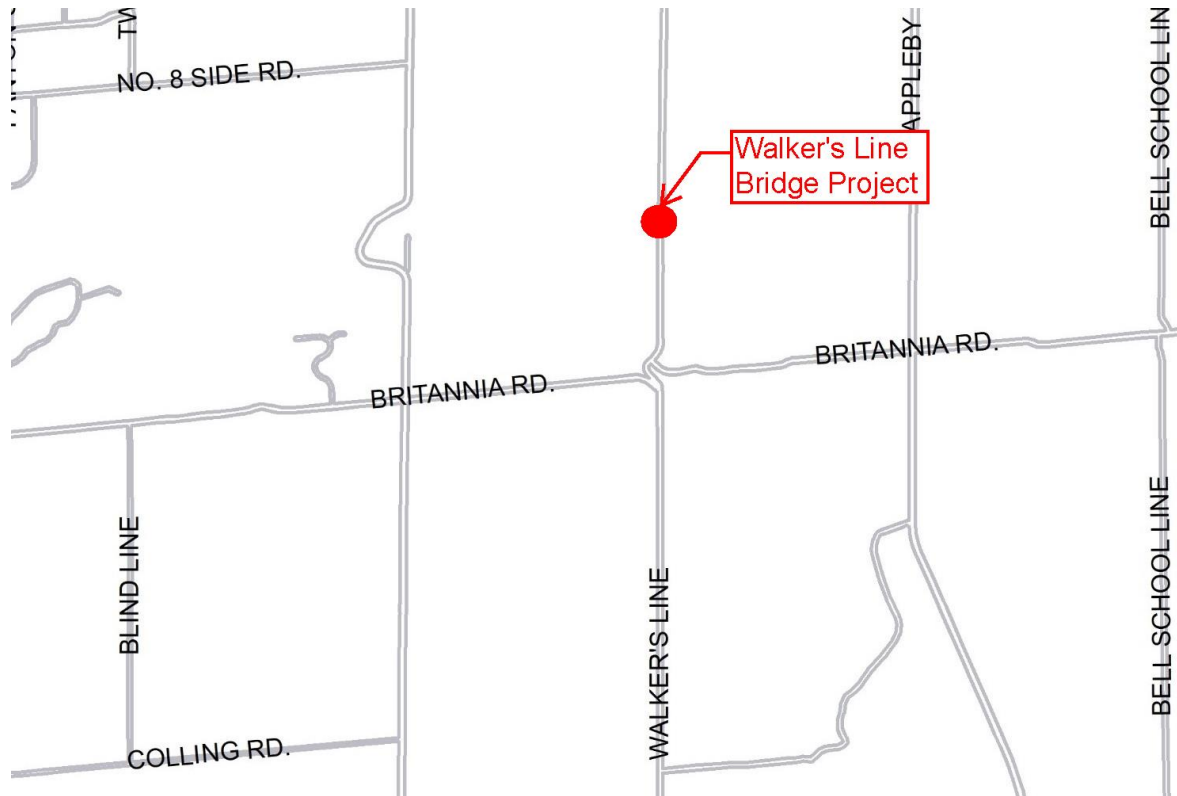
PURPOSE:

Vision to Focus Alignment:

- Support sustainable infrastructure and a resilient environment
-

Background and Discussion:

Project Location:



This project includes for the replacement of the rigid-frame bridge located on Walkers Line, 1.7km north of Britannia Road. The new bridge will accommodate higher water levels from heavy rainfall events and will be constructed with an upgraded traffic barrier and railings. The bridge width will be 1.5m wider on both sides.

Traffic will be maintained through the use of temporary traffic signals reducing movement to one lane during construction. Construction is anticipated to begin in June and be complete in September 2021.

Procurement Information:

Details

Advertised / Issue Date:	March 9, 2021
Advertised Methods(s):	<input checked="" type="checkbox"/> Bid & Tenders, <input type="checkbox"/> Other (specify) _____
Closing Date:	March 31, 2021
Number of Bids Received:	7
Total Number of Compliant bids:	7

Bid Results

Tender Results: The contract is awarded to the lowest compliant bidder (named first).

No.	Name of Company	Total Bid including HST
1.	KAPP Infrastructure Inc.	\$890,912.00
2.	Decew Construction Inc.	\$932,162.99
3.	Lancoa Contracting Inc.	\$982,323.69
4.	National Structures Inc.	\$1,153,015.11
5.	Marbridge Construction Ltd.	\$1,167,725.05
6.	Nuroad Construction Limited	\$1,261,525.22
7.	Greenspace Construction Inc.	\$1,659,816.02

Financial Matters:

The following table presents a summary of the estimated project costs:

	Project Budget	Tender Award
Contracted Construction		
Contracted Construction	\$ 464,286	\$ 788,418
HST (1.76%)	\$ 8,171	\$ 13,876
Subtotal Contracted Construction (Net HST)	\$ 472,457	\$ 802,294
Construction Contingency	\$ 69,643	\$ 100,000
Asphalt Cement Adjustment	\$ 900	\$ 1,500
Total Contracted Construction	\$ 543,000	\$ 903,794
Internal Costs		
Administration	\$ 60,000	\$ 60,000
Design Services	\$ 42,000	\$ 42,000
Inspection	\$ 50,000	\$ 50,000
Total Internal Costs	\$ 152,000	\$ 152,000
External Costs		
Consulting Services	\$ 140,000	\$ 140,000
Tender & Advertising	\$ 5,000	\$ 5,000
Construction Material Testing	\$ 5,000	\$ 5,000
Other Including Utilities	\$ 15,000	\$ 15,000
Licencing & Permits	\$ 20,000	\$ 20,000
Total External Costs	\$ 185,000	\$ 185,000
Total Project Costs (Rounded)	\$ 880,000	\$ 1,241,000

Total Financial Impact

The price of steel has increase since the last estimate was created and this effected the overall tender price of the new bridge. The size of the structure was also increased in order to accommodate future active transportation projects along Walkers Line, with 1.5m being added to the width of the structure on each side of the road for future active transportation.

The additional funding will be provided from the Infrastructure Renewal Reserve Fund (\$361,000). The additional funding is available from savings from the 2021 Glastonbury Drive Minor Reconstruction project. The money was returned to the reserve funds identified above.

Source of Funding:

The following table presents a summary of the project funding:

	Project Budget	Tender Award
City Funding Sources		
Infrastructure Renewal Reserve Fund (BG0027)	\$ 880,000	\$ 880,000
Additional City Funding		
Infrastructure Renewal Reserve Fund		\$ 361,000
Total City Funding Sources	\$ 880,000	\$ 1,241,000
Total Financing	\$ 880,000	\$ 1,241,000

Climate Implications

During high intensity storm events, the existing bridge on Walkers Line, 1.7km north of Britannia Road has been overrun by the tributary of Bronte Creek that flows underneath it. The proposed bridge structure has been designed to prevent the overflow of the creek onto the roadway and to keep the creek flowing in the channel uninterrupted.

The new proposed bridge structure will be wider to accommodate a 1.5m paved shoulder on each side. This creates space for future active transportation in this area.

Engagement Matters:

The following two groups were consulted:

Rural Ward 6 Advisory Group– January 27, 2021

Burlington Agriculture and Rural Affairs Advisory Committee– January 20, 2021

In addition, a virtual Public Information Meeting was held on February 18, 2021, residents and business owners were notified by:

- Direct mail,
- The City's project web page, and
- Advertisement in the Burlington Post

The meeting provided

- Construction Plans
- Construction Schedule
- An open forum for resident, and area business owners to ask questions.

The plans were generally well received with only some property specific concerns.

Upon award of this contract, letters will be delivered to affected homes prior to the beginning of construction. As construction progresses, project updates will be delivered to affected residents on a regular basis. The project updates and associated road restriction information will also be made available on the City's website.

Environmental Matters

Permits have been obtained from both Conservation Halton and Niagara Escarpment Commission.

Conclusion:

Staff recommend the award the tender for contract ES-21-19, Walkers Line Bridge Replacement, 1.7 km north of Britannia Road be to ABC Construction Ltd.

Respectfully submitted,

Robert Stuart

Project Manager

905-335-600 Ext. 7519

Report Approval:

All reports are reviewed and/or approved by Department Director, the Chief Financial Officer and the Executive Director of Legal Services & Corporation Counsel.