Staff Report

Report To:	Finance & Administration Committee
Meeting Date:	October 18, 2022
Prepared By:	Phil Wood, Director of Operations Travis Raison, Project and Asset Coordinator
Report Number:	2022-204
Subject:	Reynolds Park - Boardwalk and Pavilion Design

Recommendation

THAT Council receive report 2022-204 - Reynolds Park - Boardwalk and Pavilion Design; and

THAT Council approve the purchase of engineering and geotechnical services in an amount not to exceed $27,000; and

THAT Council approve the projected budget shortfall of $6,583.15 funded by reserves.

Background

In November 2021 Council approved the design concept of the Reynolds Park redevelopment which was presented to EDRTC in staff report SR2021-203. The proposed design had been conceptualized to include the new park space arrangement as well as a future boardwalk and pavilion adjacent to the river. The design concept with boardwalk and pavilion had previously gone through a public feedback process before being approved by Council on consent agenda November 9, 2021. The approved motion directed staff to return to the 2022 Capital Budget process with a project proposal to move forward.

Approved Motion:

THAT, Council approves the Reynold Park redevelopment concept; AND,

THAT, Council directs staff to prepare capital project business cases related to construction of the amenities featured in the Reynold Park concept for consideration during the capital budget exercise.

Council approved a capital budget to redevelop the park which included a scope designated towards completing a detailed design for a future boardwalk and pavilion in 2022. In September staff completed the tendering process for engineering services to create a detailed design for the proposed boardwalk and pavilion in Reynolds Park.

The objective of this report is to obtain Council approval to proceed with the tendered engineering and geotechnical services required to produce a boardwalk and pavilion design.

Analysis

At the Finance and Administration Committee (FAC) meeting of December 8, 2021 staff provided report SR2021-221 detailing the scope of the capital project and budget allocations for each component of the Reynolds Park redevelopment project.

Project breakdown:

The summary below details the project component breakdown and shows the current status of each project component:

Project Scope:	**Status:**
Water St. parking re-alignment	Awarded - Planned start/completion in 2022
New section of Brock Trail	Awarded - Planned start/completion in 2022
New entrance and in-park parking	Awarded - Planned start/completion in 2022
Install soft cap, topsoil & seed	Awarded - Planned start/completion in 2022
New picnic tables & lights	Tendering/Procurement underway
Design of boardwalk & Pavilion	Tendering completed

The planned completion of the project components in 2022 will be dependent largely on weather and availability of required materials and labour. Suitable temperatures and weather conditions are required to pour concrete and lay asphalt. Access to labour and materials related to concrete work has been limited in recent months presenting challenges to multiple City projects.

Boardwalk/Pavilion:

The scope of engineering services for the future boardwalk and pavilion was produced by staff and tendered in August/September. Quotes for the engineering and design work were submitted by three qualified engineering consultants. The tender request was broken into three parts in accordance with the requirements of each respective phase of the project:

- Part A - Pavilion/boardwalk detailed design
- Part B - Tender support
- Part C - Construction phase services

Staff intend to complete Part A in 2022 as part of the approved capital budget and scope for Reynolds Park. Parts B and C are intended to follow when the boardwalk and pavilion construction phases are undertaken. The construction project will be presented to Council during future capital budget for consideration.

Pile Design:

All of the engineering services tenders indicated that the need for geotechnical testing required to design a future structural pile to support a future boardwalk and pavilion structures. Geotechnical testing work can be completed through St. Lawrence Testing who is currently under contract to the City's engineering division for other capital projects.

Financial Implications

Summary of Tendering:

A summary of the quotes provide by engineering consultants is provided below:

	Scope	Eastern Engineering	IN Engineering	EVB Engineering
Part A	Pavilion/Boardwalk Design	$ 35,200.00	$ 21,088.00	$ 27,000.00
Part B	Tender Support	$ 13,000.00	$ 5,988.00	$ 2,500.00
Part C	Construction Phase Services	$ 11,625.00	$ 5,314.00	$ 5,000.00
	In Kind Donation	-$ 3,000.00	$ -	$ -
	Total (w/o HST)	**$ 56,825.00**	**$ 32,390.00**	**$ 34,500.00**

IN Engineering is the lowest acceptable quote for Part A at $21,088. The total cost to proceed with IN Engineering on Part A is $21,495.15 including net HST.

Pile Design:

St. Lawrence testing has provided their costs to complete the geotechnical testing required for the structural pile design. The unit costs for the geotechnical testing work amount to $5,088 including net HST.

Budget Allocation:

The budget for the Reynolds Park redevelopment is $318,250. The budget allocation for the boardwalk and pavilion engineering is $20,000 to be funded by Tax Levy.

The combination of Part A - boardwalk and pavilion engineering and geotechnical testing result in a total cost including net HST of $26,583.15.

The total cost of this portion of work exceeds the budget allocation by $6,583.15.

Funding Source:

The budget portion allocated to completing the boardwalk and pavilion design was approved by Council as funded by tax levy. As such, it is proposed that that the budget shortfall be funded by reserves.

Policy Alignment

All procurement activities associated with the tendering of the Reynolds Park project have been done in accordance with:

- Procurement Policy POL.F.20.139
- Budgetary Control Policy POL.F.20.181

Council approval is required to amend a Capital Budget in accordance with Budgetary Control Policy POL.F.20.181 Section 4.

Conclusion

Staff have completed the tendering process of the boardwalk and pavilion design portion of the Reynolds Park project. The budget allocation for this portion of the project was $20,000. The lowest acceptable tender for design and geotechnical testing is $26,583.15 including net HST. The total costs to complete the scopes of engineering work are $6,583.15 over the budget allocation for this portion of work.

Staff recommend Council approve the proposed purchase of engineering and geotechnical services to produce a design for a future boardwalk and pavilion at Reynolds Park.

Approved by:	Status:
Phil Wood, Director of Operations	Approved - 14 Oct 2022
Travis Raison, Project and Asset Coordinator	Approved - 14 Oct 2022
Peter Raabe, Director of Engineering & Infrastructure Services	Approved - 14 Oct 2022

Attachments:

Reynolds Park - Perspective View

