
2019 Capital Budget Amendment – 2020 Millennium Place Pool Shutdown**Report Purpose**

To seek Council approval on amending the Annual Facility Lifecycle 2019 capital project to fund the Millennium Place 2020 Shutdown.

Recommendation

THAT an amendment to the 2019 Capital Budget to increase the Annual Facility Lifecycle 2019 project in the amount of \$5,000,000 (from \$2,000,000 to \$7,000,000) to fund the Millennium Place Shutdown, to be funded from municipal reserves, be approved.

Our Prioritized Strategic Goals

Goal 2 - Manage, invest and plan for sustainable municipal infrastructure

Goal 6 - Provide facilities and services that are available and accessible to residents

Report

The domestic boilers at Millennium Place pool have had their useful life extended for as long as reasonably possible. In recent condition assessments the boilers are likely to have critical failures in the near future causing operational impacts and unplanned outages. The boilers are on the life cycle plan for a 2020 replacement. In review of the scope of work required to replace the boilers, an extended shutdown period from the traditional 3 weeks to a minimum of 6 to 8 week shut down is required for the boilers.

As a result of the boiler replacement requiring an extended pool shut down, Facility Services and Recreation, Parks & Culture would like to bring forward the pool filter replacement at this time as it also requires a minimum of 8 weeks to complete. The pool filters have reached their end of useful life and extending their operation poses significant risks to service and health and safety of pool users. Replacing the pool filters in conjunction with the boilers would eliminate the need for year over year consecutive extended shutdowns, and when complete, would reduce the need for an additional extended shutdown in the next twenty years. Due to the extent of the work required, staging, scheduling impacts and contingency an additional 4 weeks are recommended for a total 12-week shutdown.

The replacement of the ice plant is required for 2020 to complete the work that was identified during the emergent repairs in 2018. Deferring this project poses significant health, safety, operational and reputational risks.

The best strategy to manage long term plant operations, mitigate risk and meet the new stringent building code is to install a new plant in a stand-alone building located adjacent to the current ice plant room. This would allow for the work to proceed with the least amount of impact to the arena operations. The design can begin in fall 2019 allowing the procurement and installation to occur in 2020.

Combining the pool boiler replacement, pool filter replacement and arena ice plant replacement into 2020 reduces the overall negative impact to facility users and creates greater synergies for County resources in how the projects are planned and managed.

It is important to note that these projects are all identified in the 5-year facility lifecycle capital plan, however given the extended shutdown required for the boilers an opportunity

has arisen to complete these critical projects together in 2020 to reduce emergent risks and minimize future service impacts.

The 2019 capital budget amendment is required to proceed with changes to the Millennium Place 2020 shut down. This includes planning, design, ordering replacement equipment, notifying facility users of the extended shut down and reallocation of pool bookings and programs. Advance notice may also be required for ice users to relocate, pending the timeline of ice plant equipment replacement.

Upon approval, this work would be removed from future budget years and included in the 2019 budget year to allow for the procurement process to commence in 2019 and work completed in 2020.

Year	2019	2020	Total
Capital Expenditure by Year	\$ 400,000	\$ 6,600,000	\$ 7,000,000
Net Operating Costs	\$ 0	\$ 85,000	\$ 85,000

Council and Committee History

December 6, 2018 Council approved the 2019 Capital Budget

Other Impacts

Policy: FIN-001-024: Financial Reserves; FIN-001-027: Tangible Capital Assets Financial Reporting Policy

Legislative/Legal: n/a

Interdepartmental: Recreation, Parks and Culture, Facility Services, Procurement Services, Legislative & Legal Services

Master Plan/Framework: Corporate Asset Management

Enclosure

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Millennium Place Extended 2020 Shutdown