



STAFF REPORT

Title: 2020 Capital Budget Amendment - Fiber Optic Project

Meeting Date: May 26, 2020

Executive Summary:

In the 2020 Capital budget Council approved \$200,000 for the Last Mile Fiber Project to be funded from Federal Gas Tax grant. The City has put conduit in the trench in conjunction with the construction of the Bonnyville waterline. In order to bring the conduit from the waterline location to the City facilities and connect them with a fiber optic network the City is estimating a total cost of \$450,000.

Administration is requesting Council to consider amending the Capital budget for an additional \$250,000 to complete this project with the additional funding to come from the under expended funds from the 54th avenue enhancement project.

Background:

Modernizing the City of Cold Lake's Wide Area Network (WAN) by connecting its facilities with a fiber optic network. This will allow increased capacity in terms of ports and speed which will allow us to continuously deliver access to existing services and enabling access to new ones. Investing in our network infrastructure will allow new innovations and reduce latency and disruptions in an environment where bandwidth needs are increasing.

Attached are maps which shows where the last mile that is required to join the conduit on the waterline to the City facilities. The City budgeted for the conduit placed in the waterline trench in 2017 and it was completed this spring at a cost \$156,000. On the attached maps the lines already in place are purple and the lines required to complete the fiber optic line are depicted in yellow. The City will require an additional \$250,000 in order to complete this project and anticipates 2-3 months to complete. Once the fiber optic line is complete the City will contract out the intranet service through the City owned fiber connection.

Council passed a Capital Budget for \$8,755,390 on March 24, 2020 and administration is requesting Council to consider amending the capital budget to include the Fiber optic network project for \$250,000 to be funded from the under expended funds from the 54th Avenue Enhancement project.



Alternatives:

Council may consider the following options

1. Council may pass a resolution to amend the capital budget to include the \$250,000 for the fiber project for a total budget of \$9,005,390.
2. Council may choose to not continue with the project at this time.

Recommended Action:

Administration recommends Council amend the 2020 Capital budget from \$8,755,390 to \$9,005,390 to include additional funding of \$250,000 to complete the Fiber Optic Network project.

Budget Implications (Yes or No):

Yes

Submitted by:

Kevin Nagoya, Chief Administrative Officer