

FISCAL NOTE
COVID-19 Supplemental

Ordinance/Motion:
Title: Internet Connectivity to Support Increased Demand for High-Speed and Large Volume Data During COVID-19
Agency: KCIT (EN_A43200)
Summary: Enhance the King County internet infrastructure by replacing the existing internet border routers to improve connectivity in response to the unprecedented demand for internet and cloud resources during the COVID-19 epidemic. New 40/100GB internet border routers will enable KCIT to provide high-speed and large volume data access for the King County enterprise, as well as to support King County schools, cities, and quasi-government entities to support remote learning, services, and access to information during this public health emergency.

	2019-2020	2021-2022	2023-2024
FEDERAL GRANTS DIRECT (R3310)	2,400,000	-	-
Total Revenue	2,400,000	-	-
WAGES AND BENEFITS (51000)	-	-	-
SUPPLIES (52000)	2,400,000	-	-
SERVICES-OTHER CHARGES (53000)	-	-	-
CAPITAL OUTLAY (56000)	-	-	-
Total Expenditure	2,400,000	-	-
Net Impact	-	-	-
Total TLT	-	-	-

King County network internet border routers connect to multiple internet service providers (ISP)--Seattle Exchange, Hopone, and Cogent--to provide internet access to King County departments and agencies, schools, cities and quasi-governmental agencies. The border routers are currently connected to ISP providers with 10 Gigabit ports. Because of the unprecedented demand for internet and cloud resources during the COVID-19 outbreak, the overall ISP usage has more than doubled with requests for additional capacity on hold. These requests require the routers to connect to the ISP providers on higher bandwidth ports. However, the existing modules in the existing routers are only capable of doing 1Gigabit/10Gigabit. King County's demand for internet connectivity will continue to increase, as well as requests from schools and cities for higher bandwidth needed to support remote learning, access to the State of Washington, and provide services to citizens and employees. King County cannot meet the requests for additional capacity from cities and school districts if there is no upgrade to the existing modules.

This request is aligned with the King County's Strategic Information Technology Plan which aims to support King County residents and advancement of communities by providing solid and robust infrastructure that promotes mobility and access to high-speed and large volume data.

These COVID-19 costs should be reimburseable under the CARES Act.

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 Date Reviewed: 5/1/2020