



## Legislation Text

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**File #:** 17-0516, **Version:** 1

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### Purchase of Microwave Lifecycle Replacement for the Information Technology Department - Communications and Infrastructure **(Citywide)**

The City operates a point-to-point microwave radio network that complements the City's fiber optic network. Microwave is the primary connection path for mission-critical Public Safety communications, such as the TOPAZ Regional Wireless Cooperative (TRWC) 800 MHz radio network and the new Fire Hazard Zone Communications System (VHF), and provides redundancy and bandwidth to City data services, including workstations, utility operations and monitoring networks, and the radio network shared between the City and Mesa Public Schools for Transportation, Solid Waste, and other non-Public Safety City services.

This project will be upgrading 12 of the microwave links that have equipment that is no longer supported by the manufacturer and does not support the transmission protocols and bandwidths required for current and future technologies. The upgraded microwave will also reduce operating costs, because of new equipment and manufacturer's warranty.

The evaluation committee recommends awarding the contract to the highest-scored and lowest-priced proposal from Aviat Networks, at \$436,170.30, based on estimated requirements.