

**CITY OF TEMECULA  
AGENDA REPORT**

**TO:** City Manager/City Council

**FROM:** Patrick Thomas, Director of Public Works/City Engineer

**DATE:** September 14, 2021

**SUBJECT:** Authorize the Purchase of Traffic Signal Controllers for the Fiber Optic Communication System Upgrade Project, PW18-05

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**PREPARED BY:** Nick Minicilli, Senior Civil Engineer  
Julie Tarrant, Principal Management Analyst

**RECOMMENDATION:** That the City Council authorize the purchase of traffic signal controllers for the Fiber Optic Communication System Upgrade Project, PW18-05, in the amount of \$134,088.75.

**BACKGROUND:** The Fiber Optic Communication System Upgrade Project will install fiber optic communication system upgrades including conduits, cables, closed circuit television (CCTV) cameras, traffic signal controllers, and related communication equipment to improve safety and operations with optimized traffic signal timing coordination. Various signalized intersections will be improved along the Winchester Road, Rancho California, and Temecula Parkway corridors.

The construction contract for Fiber Optic Communication System Upgrade Project was publicly advertised for bids between June 23, 2021 and July 27, 2021. On Tuesday, July 27, 2021, fourteen bids were electronically opened and publicly posted on PlanetBids. As part of another September 14, 2021 City Council agenda item, City staff will recommend an award of a construction contract to the low bidder, JFL Electric.

The Engineer's Estimate for the construction contract was \$1,165,025.00 which included \$273,000 for City purchased equipment. In August 2021, the Public Works Department obtained a sole source quotation from McCain, Inc for the purchase of traffic signal controllers. McCain traffic signal controllers are proprietary equipment that are utilized at all traffic signal locations in the City. The City furnished traffic signal controllers are necessary for the functionality of the fiber optic communication system.

**FISCAL IMPACT:** The Fiber Optic Communication System Upgrade Project is identified in the City's Capital Improvement Program (CIP) Budget for Fiscal Years 2022-2026. It is funded with Highway Safety Improvement Program (HSIP) grant funding and Measure S funds. Adequate funds are available in the project accounts for the purchase cost of \$134,088.75.

**ATTACHMENTS:** None