


CITY COUNCIL ACTION REQUEST

Department(s): Finance	CEQA: Not a Project, File No. PP17-002, Consultant services for design, study, inspection, or other professional services with no commitment to future action.	Coordination: Department of Transportation, City Attorney's Office, City Manager's Budget Office	Dept. Approval: /s/ Julia H. Cooper
Council District(s): Citywide			CMO Approval:  09/09/21

SUBJECT: ACTIONS RELATED TO OPEN PURCHASE ORDER FOR OUTSIDE PLANT FIBER OPTIC CABLE INSTALLATION, MAINTENANCE, REPAIR, SPLICING, AND TESTING SERVICES

RECOMMENDATION:

Adopt a resolution authorizing the City Manager to:

- (a) Execute a purchase order with Bear Electric Solutions, Inc. (Alviso, CA) for outside plant fiber optic cable installation, maintenance, repair, splicing and testing services for an initial twelve-month period, starting on or about September 21, 2021 and ending on or about September 20, 2022 for a total cumulative compensation not-to-exceed amount of \$900,000.
- (b) Exercise up to four additional one-year options to extend the initial term of the purchase order with the last option year ending on or about September 20, 2026, subject to the annual appropriation of funds.

Desired Outcome: Ensure restoration of fiber communications during emergency outages and contract replacement of legacy copper wires.

BASIS FOR RECOMMENDATION:

The Department of Transportation (DOT) maintains and operates over 160 miles of fiber optic communication cables. These fiber cables connect many of the 950+ traffic signals to the City's Traffic Management Center and allow DOT staff to efficiently operate traffic signals remotely. The communication cables also are used by other departments in the City, such as Parks, Recreation and Neighborhood Services, the Airport, the Police Department and the Information Technology Department to provide network services to facilities. With so many stakeholders using the DOT fiber network, it is critical that the network remains operational and outages resolved as soon as possible. On-call services for fiber optic installation, repair, splicing, and testing is necessary to respond to events that impact DOT's fiber optic network, such as breaks and damages caused by vandalism or external contractors.

In addition to the on-call services, regular fiber installation and splicing services will be used to support DOT's upgrading of its network from aging field copper to fiber. An estimated 50 miles of copper cables will be replaced over the course of five years from this upgrade effort.

A competitive Request for Bid was facilitated by the Finance Department to procure these services. Two responsive bids were submitted and no protests were received. Bear Electrical requested and qualified for the City's local business preference. The preference did not impact the award recommendation. Staff

recommends award to Bear Electric Solutions, Inc. pursuant to the bidding procedures of the San José Municipal Code, Section 4.12.310B(2).

Climate Smart San José: No proposed changes to service delivery, programs or staffing that has significant community/resource impacts, including any negative impact on Climate Smart San José energy, water, and mobility goals.

Commission Recommendation/Input: There is no commission recommendation or input associated with this action.

Office of Equality Assurance: City of San José Prevailing Wage is applicable under this purchase order.

This Council item is consistent with the City’s 2021-2022 Adopted Budget City Areas Delivery Framework: “To effectively develop, manage, and safeguard the City’s fiscal, physical, technological, and human resources to enable and enhance the delivery of City services and projects.”

COST AND FUNDING SOURCE:

Fund #	Appn #	Appn. Name	Total Appn	Amt. for Recommendation	2021-2022 Proposed Capital Budget Page*	Last Budget Action (Date, Ord. No)
429	426T	Copper to Fiber Conversion	\$1,000,000	\$800,000	V-587	6/22/2021 30621
429	5062	Safety – Traffic Signal Rehabilitation	\$883,000	\$100,000	V-662	6/22/2021 30621

**The 2021-2022 Capital Budget was adopted on June 22, 2021.*

FOR QUESTIONS CONTACT: Jennifer Cheng, Deputy Director of Finance at Jennifer.cheng@sanjoseca.gov