

**RESOLUTION NO. 22-9155**

**A RESOLUTION OF THE CITY OF SANTA CLARA, CALIFORNIA,  
AUTHORIZING THE USE OF CITY ELECTRIC FORCES  
PURSUANT TO CHARTER SECTION 1310**

**BE IT RESOLVED BY THE CITY OF SANTA CLARA AS FOLLOWS:**

**WHEREAS**, the City of Santa Clara's Charter section 1310 requires all contracts involving an expenditure of over \$1,000 for the construction or improvement (excluding maintenance and repair) of a public works project to be let to the lowest responsible bidder;

**WHEREAS**, Charter section 1310 permits the City to use its own employees if the City Council, by motion passed by at least four affirmative votes, determines that the public works may be done better or more economically by the City's own employees, and, upon such determination, the City may proceed to have the public works project completed without further observance of Charter section 1310;

**WHEREAS**, the City's Electric Department desires to perform certain public works, as set forth in the Report to Council, dated November 15, 2022, by its own employees; and,

**WHEREAS**, the City Council has declared and determined that the work in question may be performed better or more economically by the City with its own employees.

**NOW THEREFORE, BE IT FURTHER RESOLVED BY THE CITY OF SANTA CLARA AS  
FOLLOWS:**

//

//

//

//

//

//

//


//

1. The City Council of the City of Santa Clara does hereby declare and determine that the public works set forth in the 22-169 Report to Council, attached hereto and incorporated by this reference, may be performed better or more economically by the City with its own employees.

2. Effective date. This resolution shall become effective immediately.

I HEREBY CERTIFY THE FOREGOING TO BE A TRUE COPY OF A RESOLUTION PASSED AND ADOPTED BY THE CITY OF SANTA CLARA, CALIFORNIA, AT A REGULAR MEETING THEREOF HELD ON THE 15<sup>TH</sup> DAY OF NOVEMBER, 2022, BY THE FOLLOWING VOTE:

AYES:	COUNCILORS:	Becker, Chahal, Hardy, Jain, Park, Watanabe and Mayor Gillmor
NOES:	COUNCILORS:	None
ABSENT:	COUNCILORS:	None
ABSTAINED:	COUNCILORS:	None

ATTEST:   
NORA PIMENTEL, MMC  
ASSISTANT CITY CLERK  
CITY OF SANTA CLARA

Attachments incorporated by reference:  
1. November 15, 2022 Report to Council #22-169.



# City of Santa Clara

1500 Warburton Avenue  
Santa Clara, CA 95050  
santaclaraca.gov  
@SantaClaraCity

## Agenda Report

---

22-169

Agenda Date: 11/15/2022

---

### REPORT TO COUNCIL

#### SUBJECT

Action on a Resolution Authorizing the Use of City Electric Forces for New Dark Fiber Installations at Various Locations

#### COUNCIL PILLAR

Deliver and Enhance High Quality Efficient Services and Infrastructure

#### BACKGROUND

Charter Section 1310 titled Contracts on Public Works states, in part, "that every contract involving an expenditure of more than one thousand dollars (\$1,000) for the construction or improvement (excluding maintenance and repair) of public buildings, works, streets, drains, sewers, utilities, parks and playgrounds shall be let to the lowest responsible bidder." The section further states that "the City Council may declare and determine that, in its opinion, the work in question may be performed better or more economically by the City with its own employees, and after the adoption of a resolution to this effect by at least four affirmative votes, it may proceed to have said work done in the manner stated, without further observance of the provisions of this section."

In 2014, the Electric Department developed a position called Fiber Splicing Technician as an in-house position to primarily perform maintenance and repairs to meet the fiber performance standards of then existing fiber customers that includes both City departments as well as commercial lease customers. Fiber Splicing Technician activities include basic splicing and distribution changes to fiber optic cables. The technician can also perform duties such as pulling, laying, aligning and positioning fiber optic equipment to prepare for a new connection to the fiber network. Fiber Splicing Technicians perform fusion splicing at building entrances and in maintenance space. At this time, SVP employs two Fiber Splicing Technicians.

#### DISCUSSION

Currently, the SVP Fiber Enterprise serves SVP, other City department functions, and various commercial lease customers. As the work is specialized, the position of Fiber Splicer Technician performs a variety of activities from maintenance and repair to new or re-spliced interconnections to the SVP Fiber Enterprise. Each interconnection can be unique involving different hours of labor depending on the number of fibers required to be spliced and the particular location within the network. Technician time is tracked hourly and not on a per fiber basis.

Large or extensive projects involving extending fiber cable being laid along new paths or great distances or adding conduit or related infrastructure are done using a previously bid unit price Public Works contract with a private construction contractor. SVP spends up to \$1 million per year on this public works contract for new Fiber network construction and certain maintenance and repair activities.

Staff believes that the Fiber Splicer Technician work that may be required in new construction projects is best and most efficiently performed with City forces based upon the following factors: (1) the work is limited in size and scope; (2) City forces have knowledge and training in operating and maintaining and repairing the fiber optic system that can be leveraged to more economically perform this work; and (3) bidding out the work and contracting with a private entity would not likely result in a lower overall cost or time savings. Therefore, staff recommends that the City Council make a finding that City forces can better perform the Fiber Splicing and related equipment installation, splicing and connections to the existing SVP Fiber infrastructure and approve the use of City forces.

Estimate Number: FWM#1519  
Location: City Hall to SCPD Dispatch Datacenter  
Type of Service: Electric Utility Infrastructure  
Description of Work: Splice, terminate, and test fibers from City Hall to SCPD Dispatch Center.  
Estimated Cost: \$4,573  
Appropriation: Electric Utility Capital Fund (591) Project 2004 - Fiber Development Design & Expansion  
Source of Revenue: Developer Contribution

Estimate Number: FWM#1510  
Location: Primavera Sewer Lift Station (W&S SCADA)  
Type of Service: Electric Utility Infrastructure  
Description of Work: Splice, terminate, and test fibers at Primavera Sewer Lift Station.  
Estimated Cost: \$5,082  
Appropriation: Electric Utility Capital Fund (591) Project 2004 - Fiber Development Design & Expansion  
Source of Revenue: Developer Contribution

Estimate Number: FWM#0290  
Location: Lafayette Subway - 1890 Lafayette Street  
Type of Service: Electric Utility Infrastructure  
Description of Work: Splice, terminate, and test fibers at Lafayette Subway.  
Estimated Cost: \$5,082  
Appropriation: Electric Utility Capital Fund (591) Project 2004 - Fiber Development Design & Expansion  
Source of Revenue: Developer Contribution

Estimate Number: FWM#1057  
Location: Well 17-02 - 3460 Brookdale Dr (W&S SCADA)  
Type of Service: Electric Utility Infrastructure  
Description of Work: Splice, terminate, and test fibers at Well 17-02.  
Estimated Cost: \$5,082  
Appropriation: Electric Utility Capital Fund (591) Project 2004 - Fiber Development Design & Expansion  
Source of Revenue: Developer Contribution

Estimate Number: FWM#1063  
 Location: Well 25 - 2600 Benton St (W&S SCADA)  
 Type of Service: Electric Utility Infrastructure  
 Description of Work: Splice, terminate, and test fibers at Well 25.  
 Estimated Cost: \$3,557  
 Appropriation: Electric Utility Capital Fund (591) Project 2004 - Fiber Development Design & Expansion  
 Source of Revenue: Developer Contribution

Estimate Number: FWM#0200  
 Location: Serra Tanks & SCVWD Import (W&S SCADA)  
 Type of Service: Electric Utility Infrastructure  
 Description of Work: Splice, terminate, and test fibers at Serra Tank & Santa Clara Valley Water District Import.  
 Estimated Cost: \$5,082  
 Appropriation: Electric Utility Capital Fund (591) Project 2004 - Fiber Development Design & Expansion  
 Source of Revenue: Developer Contribution

Estimate Number: FWM#0286  
 Location: 2800 Mead (Storm SCADA)  
 Type of Service: Electric Utility Infrastructure  
 Description of Work: Splice, terminate, and test fibers at 2800 Mead Avenue.  
 Estimated Cost: \$7,114  
 Appropriation: Electric Utility Capital Fund (591) Project 2004 - Fiber Development Design & Expansion  
 Source of Revenue: Developer Contribution

Estimate Number: FWM#01516  
 Location: 3080 Raymond Street, 1700 Richard Avenue, 1525 Comstock Street, 2151 Mission College Blvd  
 Type of Service: New Business  
 Description of Work: Splice, terminate, and test fibers for new ring.  
 Estimated Cost: \$15,957  
 Appropriation: Electric Utility Capital Fund (591) Project 2004 - Fiber Development Design & Expansion  
 Source of Revenue: Developer Contribution

### **ENVIRONMENTAL REVIEW**

Staff recommends that the City Council determine that the actions being considered are exempt from the California Environmental Quality Act ("CEQA") pursuant to CEQA Guidelines sections (1) 15302 (c) (Class 2 - Replacement or Reconstruction) as the proposed work involves the replacement or reconstruction of existing utility systems and/or facilities involving negligible expansion of capacity, and (2) 15303 (Class 3 - New Construction or Conversion of Small Structures) as the proposed work involves the construction of a limited number of small utility facilities.

**FISCAL IMPACT**

The estimated costs of staff time for work performed by SVP and related construction materials for the work detailed in this report total \$51,529. There is sufficient funding included in the FY 2022/23 Fiber Development, Design, and Expansion project budget to cover these costs. All referenced work will be performed with City Electric Forces (SVP staff). Some work associated with encroachment permits may be performed by the Department of Public Works (DPW). DPW costs are recovered through payment of permit fees.

**COORDINATION**

This report has been coordinated with the Finance Department and City Attorney's Office.

**PUBLIC CONTACT**

Public contact was made by posting the Council agenda on the City's official-notice bulletin board outside City Hall Council Chambers. A complete agenda packet is available on the City's website and in the City Clerk's Office at least 72 hours prior to a Regular Meeting and 24 hours prior to a Special Meeting. A hard copy of any agenda report may be requested by contacting the City Clerk's Office at (408) 615-2220, email [clerk@santaclaraca.gov](mailto:clerk@santaclaraca.gov) or at the public information desk at any City of Santa Clara public library.

**RECOMMENDATION**

Determine the proposed actions are exempt from CEQA and adopt a Resolution authorizing the use of City Electric Forces for work detailed in this report at Santa Clara City Hall to Santa Clara Police Department Dispatch Datacenter, Primavera Sewer Lift Station, 1890 Lafayette Street, 3460 Brookdale Drive (Well 17-02), 2600 Benton Street (Well 25), Serra Tanks & Santa Clara Valley Water District Import, 2800 Mead Avenue, 3080 Raymond Street, 1700 Richard Avenue, 1525 Comstock Street, and 2151 Mission College Boulevard.

Reviewed by: Manuel Pineda, Chief Electric Utility Officer

Approved by: Rajeev Batra, City Manager

**ATTACHMENTS**

1. Resolution - Use of City Electric Forces