



Agenda Report

21-512

Agenda Date: 11/9/2021

REPORT TO COUNCIL

SUBJECT

Action on a Resolution Authorizing the Use of City Electric Forces 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."

DISCUSSION

Staff believes that the work described below 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 the electric 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 installation of the following electric facilities and approve the use of City forces.

Estimate Number: 36461
Location: 2233 Calle de Mundo
Type of Service: New Business
Description of Work: Remove existing 750kVA transformer, ±50' 1/0 A1 BT riser cable, ±200' 12kV ASCR overhead wire, and ±200' 1/0 A1 overhead wire.
Estimated Cost: \$3,095
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 34335
Location: 1550 Space Park Drive
Type of Service: New Business
Description of Work: Install three high voltage switches, 2,800' of underground high voltage cable,

Estimated Cost:	forty-five connectors and thirty-six splices in twelve manholes and vaults and metering for two 12kV services.
Appropriation:	\$259,718
Source of Revenue:	Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Estimate Number:	Customer/Developer Contribution.
Location:	<u>36928</u>
Type of Service:	714 Valley Way
Description of Work:	Capacity
Estimated Cost:	Replace 25kVA transformer with a new 50kVA transformer. Install new cutout fuses for bank protection on existing primary cross arm.
Appropriation:	\$1,996
Source of Revenue:	Electric Utility Capital Fund (591) Project 2410 - System Capacity Expansion
Estimate Number:	Customer Service Charges
Location:	<u>36929</u>
Type of Service:	2375 Pilot Knob Drive
Description of Work:	Capacity
Estimated Cost:	Replace 15kVA transformer with a new 25kVA transformer, the double dead end cutout arms and insulators, and the cutouts. Install new fuses for bank protection on the new primary cross arm.
Appropriation:	\$2,596
Source of Revenue:	Electric Utility Capital Fund (591) Project 2410 - System Capacity Expansion
Estimate Number:	Customer Service Charges
Location:	<u>35627</u>
Type of Service:	323 Martin Avenue
Description of Work:	New Business
Estimated Cost:	Install approximately 450' of new 1/0 A1 conductor to new 750kVA transformer and approximately 100' of new #4 SL conductor to service City of San Jose streetlights.
Appropriation:	\$31,272
Source of Revenue:	Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Estimate Number:	Customer/Developer Contribution
Location:	<u>36228</u>
Type of Service:	2870 El Camino Real
Description of Work:	New Business
Estimated Cost:	Remove three existing poles and $\pm 1,950'$ 397 overhead wire. Install $\pm 1,100'$ 1100 AL TRI, $\pm 2,150'$ 1/0 AL TRI, two vacuum disconnect switches, one 112kVA padmount transformer, two 225kVA padmount transformers, four 45' Class 1 poles, $\pm 30'$ 397 AL overhead wire, $\pm 310'$ 500 AL QUAD service conductor, $\pm 220'$ 1/0 AL QUAD service conductor, one 30' street light, 340' #4 AL SL conductor, and fifty-eight 208V 200A service meters.
Appropriation:	\$230,698
Source of Revenue:	Electric Utility Capital Fund (591) Project 2005 - New Business Estimate

Source of Revenue:	Work Customer/Developer Contribution, Customer Service Charges
Estimate Number:	<u>36899</u>
Location:	2415 Armstrong Place
Type of Service:	New Business
Description of Work:	Remove existing 5/16 sidewalk guy and 10M PISA anchor. Install two new 5/16 sidewalk guys with one 10M and one 20M PISA anchor.
Estimated Cost:	\$1,122
Appropriation:	Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue:	Customer/Developer Contribution
Estimate Number:	<u>36984</u>
Location:	687 Fallon Avenue
Type of Service:	Capacity
Description of Work:	Replace a 25kVA transformer with a new 37.5kVA transformer and two fuses.
Estimated Cost:	\$1,821
Appropriation:	Electric Utility Capital Fund (591) Project 2410 - System Capacity Expansion
Source of Revenue:	Customer Service Charges
Estimate Number:	<u>36985</u>
Location:	653 Park Court
Type of Service:	Capacity
Description of Work:	Replace a 25kVA transformer with a new 37.5kVA transformer and two fuses.
Estimated Cost:	\$1,821
Appropriation:	Electric Utility Capital Fund (591) Project 2410 - System Capacity Expansion
Source of Revenue:	Customer Service Charges
Estimate Number:	<u>36983</u>
Location:	2517 Brannan Place
Type of Service:	Capacity
Description of Work:	Replace a 37.5kVA transformer with a new 50kVA transformer and two fuses.
Estimated Cost:	\$2,181
Appropriation:	Electric Utility Capital Fund (591) Project 2410 - System Capacity Expansion
Source of Revenue:	Customer Service Charges
Estimate Number:	<u>36986</u>
Location:	Lawson Lane
Type of Service:	New Business
Description of Work:	Install 530' low voltage cables and twelve underground connectors.
Estimated Cost:	\$5,853
Appropriation:	Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue:	Customer Service Charges
Estimate Number:	<u>37003</u>
Location:	2478 Moraine Drive

Type of Service: Capacity
 Description of Work: Replace 37.5kVA transformer with a new 50kVA transformer and two fuses.
 Estimated Cost: \$2,108
 Appropriation: Electric Utility Capital Fund (591) Project 2410 - System Capacity Expansion
 Source of Revenue: Customer Service Charges

Estimate Number: 37002
 Location: 2233 Calle Del Mundo
 Type of Service: New Business
 Description of Work: Install two 50' poles, three 37kVA overhead transformers and equipment.
 Remove two 50' poles, three 37kVA overhead transformers and equipment,
 ±570' #4 overhead wire.
 Estimated Cost: \$13,317
 Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate
 Work
 Source of Revenue: Customer/Developer Contribution

Estimate Number: 35490
 Location: 2499 Homestead Road
 Type of Service: New Business
 Description of Work: New service drop to feed Tuff Shed. SCADA cabinet located in the public
 right-of-way at Madison and El Camino Real.
 Estimated Cost: \$1,359
 Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate
 Work
 Source of Revenue: Customer/Developer Contribution, Customer Service Charges

ENVIRONMENTAL REVIEW

The actions being considered are exempt from the California Environmental Quality Act ("CEQA") pursuant to CEQA Guidelines sections 15302(c) (Class 2 - Replacement or Reconstruction) because they involve the replacement or reconstruction of existing utility systems and/or facilities involving negligible expansion of capacity, and 15303(d) (Class 3 - New Construction or Conversion of Small Structures), because they involve the construction of new electric utility extensions.

FISCAL IMPACT

The funds to support the staff time for work performed by SVP and related construction materials for the work detailed in this report, totaling \$558,957 are included in the Fiscal Year 2021/22 Capital Budget, as indicated by each project appropriation. Of that total amount, \$546,434 is in the New Business Estimate Work and \$12,523 in the Transmission and Distribution Capital Maintenance and Betterments Capital Improvement Projects in the Electric Utility Capital Fund. 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>>.

RECOMMENDATION

Adopt a Resolution authorizing the use of City Electric Forces at 2233 Calle de Mundo, 1550 Space Park Drive, 714 Valley Way, 2375 Pilot Knob, 3234 Martin Avenue, 2870 El Camino Real, 2415 Armstrong Place, 687 Fallon Avenue, 653 Park Court, 2517 Brannan Place, Lawson Lane, 2478 Moraine Drive, 2233 Calle de Mundo, and 2499 Homestead Road.

Reviewed by: Manuel Pineda, Chief Electric Utility Office

Approved by: Deanna J. Santana, City Manager

ATTACHMENTS

1. Resolution - Use of City Electric Forces