



## Agenda Report

19-962

Agenda Date: 12/10/2019

### REPORT TO COUNCIL

#### SUBJECT

Action on a Resolution for the Use of City Electric Forces at Various Locations

#### 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:	<u>36156</u>
Location:	Scott Boulevard and Octavius Drive
Type of Service:	Reliability
Description of Work:	Install 80' underground secondary cable and reconnect traffic signal service. Remove 600' secondary cable.
Estimated Cost:	\$2,761
Appropriation:	Electric Utility Fund (591) Project 2006 Distribution Capital Maintenance and Betterments
Source of Revenue:	Customer Service Charges

Estimate Number: 35923  
Location: 2805 Mission College Boulevard  
Type of Service: New Business  
Description of Work: Install approximately 1,747 feet of new 15kV 1100 cable to provide 12kV service to QTS Data Center via new vacuum switch. Re-conductor existing 750 XLPE cable with new 1100 EPR cable.  
Estimated Cost: \$121,300  
Appropriation: Electric Utility Fund (591) Project 2005 - New Business Estimate Work  
Source of Revenue: Customer/Developer Contribution, Salvage Plant, Customer Service Charges

Estimate Number: 34680  
Location: 3355 Octavius Drive at Scott Boulevard  
Type of Service: New Business  
Description of Work: Install 3 padmounted transformers, 2000 feet of underground cable, 24 connectors and 31 splices. Install metering for 281 apartments. Install 1 each house meter and fire service meter.  
Estimated Cost: \$164,194  
Appropriation: Electric Utility Fund (591) Project 2005 - New Business Estimate Work  
Source of Revenue: Customer/Developer Contribution, Customer Service Charges

Estimate Number: 35963  
Location: 5403 Stevens Creek Boulevard  
Type of Service: New Business  
Description of Work: Remove existing transformer serving IHOP, street lights and traffic lights. Install new 900 feet secondary 600V 1/0 AL cable. Remove existing 150 feet 15kV 1/0 AL.  
Estimated Cost: \$8,486  
Appropriation: Electric Utility Fund (591) Project 2005 - New Business Estimate Work  
Source of Revenue: Customer/Developer Contribution, Salvage Plant

Estimate Number: 35995 (Rev 1)  
Location: Tasman Drive and Stars & Stripes  
Type of Service: New Business  
Description of Work: Remove existing VDS-2152 and install new VDS-2619 (existing switch to be relocated to new remote switch pad). Remove and relocate all associated BMs and BTs.  
Estimated Cost: \$77,000  
Appropriation: Electric Utility Fund (591) Project 2005 - New Business Estimate Work  
Source of Revenue: Customer/Developer Contribution, Salvage Plant

Estimate Number:	<u>35114</u>
Location:	1375 El Camino Real
Type of Service:	New Business
Description of Work:	Install 120/208 225kVA 3 phase padmount transformer and pull new primary and secondary conductor to provide service to townhomes.
Estimated Cost:	\$55,682
Appropriation:	Electric Utility Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue:	Customer/Developer Contribution
Estimate Number:	<u>36025</u>
Location:	2861 Scott Boulevard
Type of Service:	New Business
Description of Work:	Install 277/480 750kVA 3 phase padmount transformer and pull new primary conductor to provide service and remove existing transformer.
Estimated Cost:	\$23,701
Appropriation:	Electric Utility Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue:	Customer/Developer Contribution
Estimate Number:	<u>36229</u>
Location:	2740 El Camino Real
Type of Service:	New Business
Description of Work:	Install 1 wood pole, 300 feet overhead conductor, connect 2 new customer services and install 2 meters.
Estimated Cost:	\$2,322
Appropriation:	Electric Utility Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue:	Customer Service Charges
Estimate Number:	<u>35951</u>
Location:	591 Harvard Avenue
Type of Service:	Reliability
Description of Work:	Replace damaged padmount transformer with new padmount transformer on existing concrete pad.
Estimated Cost:	\$8,076
Appropriation:	Electric Utility Fund (591) Project 2006 Distribution Capital Maintenance and Betterments
Source of Revenue:	Customer Service Charges
Estimate Number:	<u>35971</u>
Location:	El Camino Real between Washington and Lafayette
Type of Service:	Street Lights
Description of Work:	Install 220 feet 2/4 aluminum underground street light cable and connectors to energize 3 existing lights underground. Remove 260 feet overhead streetlight conductors.
Estimated Cost:	\$1,571
Appropriation:	Street Lighting Fund (534) Project 2872 - New Development Street Lighting
Source of Revenue:	Customer/Developer Contribution

**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 and related construction materials for the work detailed in this report, totaling \$465,093 are included in the Adopted Fiscal Year 2019/20 Capital Improvement Program Budget, as indicated by each project appropriation.

**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) <<mailto:clerk@santaclaraca.gov>> or at the public information desk at any City of Santa Clara public library.

**RECOMMENDATION**

Adopt a Resolution approving the use of City Electric Forces for the installation of facilities at Scott Boulevard and Octavius Drive, 2805 Mission College Boulevard, 3355 Octavius Drive at Scott Boulevard, 5403 Stevens Creek Boulevard, Tasman Drive and Stars & Stripes, 1375 El Camino Real, 2861 Scott Boulevard, 2740 El Camino Real, 591 Harvard Avenue, and El Camino Real between Washington and Lafayette.

Reviewed by: Manuel Pineda, Chief Electric Utility Officer

Approved by: Deanna J. Santana, City Manager

**ATTACHMENTS**

1. Resolution of the City of Santa Clara, California Authorizing the Use of City Electric Forces Pursuant To Charter Section 1310