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Title: Action on a Resolution Authorizing the Use of City Electric Forces at Various Locations

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Attachments: 1. Resolution - Use of City Electric Forces, 2. Resolution No. 22-9149

Date	Ver.	Action By	Action	Result
11/1/2022	1	Council and Authorities Concurrent Meeting	Adopted	Pass

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: 38029

Location: 2590 Walsh Avenue
Type of Service: New Business
Description of Work: Remove existing meter/service, secondary cables, padmount transformer, primary feeds and close primary loop to existing active neighboring transformer.
Estimated Cost: \$10,976
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 36413
Location: Agnew Road and Bassett Street
Type of Service: New Business
Description of Work: Install 1 - 65' class 1 pole, 2 - double arm primary crossarms, 6 - deadend 12kv insulators, 6 - pin 12kv insulators, 1/4" head guy, 7/16' down guy, 37.5 kVA OH transformer, LED Pole mount streetlight, +- 1700' aluminum overhead wire, +- 110' #4 aluminum TRI overhead wire.
Estimated Cost: \$31,257
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 36639
Location: 3595 MacGregor Lane
Type of Service: New Business
Description of Work: Remove 25 kVA overhead transformer, and install 50 kVA overhead transformer, fuses, cut outs, and 400amp metering.
Estimated Cost: \$3,280
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 38302
Location: 3050 Tasman Drive
Type of Service: Street Lights
Description of Work: Remove existing streetlight and +- 500' streetlight wire and install +- 500' streetlight wire.
Estimated Cost: \$4,521
Appropriation: Street Light Capital Fund (534) Project 2871 - Miscellaneous Street Lighting
Source of Revenue: Customer Service Charges

Estimate Number: 37840
Location: 909 Kiely Boulevard
Type of Service: New Business
Description of Work: Install 3-25 kVA overhead transformers, +- 30' low voltage underground wire, 1-crossarm, 3-cutouts and fuses, 4-underground connectors, 1-400A electric service meter.
Estimated Cost: \$11,906
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate

Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 37456
Location: 1834 Worthington Circle
Type of Service: New Business
Description of Work: Install 1-225 kVA padmount transformer, 1-300 kVA padmount transformer, 18 underground high voltage splices, 12 transformer elbows, +- 1550' underground high voltage wire, 39-200A electric service meters.

Estimated Cost: \$88,170
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate
Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 37908
Location: 3379 to 3425 El Camino Real
Type of Service: Capacity
Description of Work: Remove existing transformer and primary and secondary cables, terminations, and meters. Install approximately 50' of 1/0 aluminum underground cable, (6) splices, (6) 200Amp terminations, secondary connections, 300kva padmount transformer, (1) 600 Amp meter & devices, and (11) 200amp meters.

Estimated Cost: \$40,475
Appropriation: Electric Utility Capital Fund (591) Project 2006 - Distribution Capital Maintenance and Betterments
Source of Revenue: Customer/Developer Contribution

Estimate Number: 38052
Location: 2378 Lass Drive
Type of Service: New Business
Description of Work: Remove +- 60' low voltage underground wire and (1) 200Amp electric service meter. Install +- 60' low voltage underground wire and (1) 400Amp electric service meter.

Estimated Cost: \$1,537
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate
Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 38298
Location: 2590 Walsh Avenue
Type of Service: New Business
Description of Work: Install new vacuum disconnect switch, 1500 kVA 277/480 volt padmount transformer and metering devices for new 3000A 277/480 volt switchgear. Install approximately 200' of 1100 aluminum 15 kV underground cable, approximately 250' of 1/0 aluminum 15 kV underground cable, (6) 600A elbows, (6) 200A elbows, (6) 1100 aluminum cable splices, and secondary connectors.

Estimated Cost: \$98,087
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate

Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 37155
Location: 2760 Homestead Road
Type of Service: New Business
Description of Work: Build new riser pole 24C10 for new bridge tap riser and cutouts. Install approximately 120' of 1/0 aluminum 15kV underground cable, new 750 kVA 277/480V padmount transformer, terminations and metering devices.

Estimated Cost: \$29,732
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue: Customer/Developer Contribution

Estimate Number: 37410
Location: 3401 De La Cruz Boulevard
Type of Service: New Business
Description of Work: Install a new wood pole and padmount transformer to provide electricity to a commercial building.

Estimated Cost: \$64,196
Appropriation: Electric Utility Capital Fund (591) Project 2005 - New Business Estimate Work
Source of Revenue: Customer/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 electric utility facilities.

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 \$384,137 are included in the Fiscal Year 2022/23 Capital Budget, as indicated by each project appropriation. Of that amount, \$339,141 is in New Business Estimate Work, \$40,475 is in Distribution Capital Maintenance and Betterments in the Electric Utility Capital Fund, and \$4,521 is in Miscellaneous Street Lighting in the Street Lighting 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 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 located at 2590 Walsh Avenue, Agnew Road and Bassett Street, 3595 MacGregor Lane, 3050 Tasman Drive, 909 Kiely Boulevard, 1834 Worthington Circle, 3379 - 3425 El Camino Real, 2378 Lass Drive, 2760 Homestead Road, and 3401 De La Cruz Boulevard.

Reviewed by: Manuel Pineda, Chief Electric Utility Officer

Approved by: Rajeev Batra, City Manager

ATTACHMENTS

1. Resolution - Use of City Electric Forces