



City of Santa Clara

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Agenda Report

18-1075

Agenda Date: 9/11/2018

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 performed with City Forces to complete the limited size and scope of the work outlined below. The Electric Utility has in-house knowledge and trained personnel operating and maintaining the electric system that can be leveraged to more economically perform this work. Bidding out the work and contracting with a private entity would delay the construction projects. Therefore, staff recommends that the City Council find that City Forces can best perform the installation of the following electric facilities and approve the use of City Forces.

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| Location: | Stevens Creek Boulevard at Henry Avenue |
| Type of Service: | Street Lights - New Pedestrian Traffic Signal, requested by City of San Jose |
| Description of Work: | Install 100' underground low voltage cables. Connect new traffic signal service and install meter. |
| Estimated Cost: | \$3,533 |
| Source of Revenue: | Customer Service Charges |
| Estimate Number: | 34476 Rev. 1 |

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|----------------------|--|
| Location: | 2800 San Tomas Expressway |
| Type of Service: | New Business |
| Description of Work: | Remove one padmount transformer and 2100' cable, connectors and splices. Install two 12kV Switches, 4300' cable, 48 splices and 33 termination elbows. |
| Estimated Cost: | \$235,221 |

Source of Revenue: Customer/Developer Contributions and Customer Service Charges
Estimate Number: 35084

Location: 3325/3305 The Alameda
Type of Service: Load Increase
Description of Work: Install three 100kVA pole mounted transformers on existing wood
Replace existing 3-phase transformer bank with one 25kVA transformer and replace with new span guy.
Estimate Costs: \$22,715
Source of Revenue: Customer/Developer Contribution
Estimate Number: 35152

Location: To rear of 2121 and 2119 Main Street
Type of Service: Reliability
Description of Work: Remove existing span guy above Cal Train rail tracks to maintain
Electrification Project. Transfer down guy to separate anchor on p
Estimate Costs: \$1,754
Source of Revenue: Customer/Developer Contribution
Estimate Number: 35210

Location: 2888 San Tomas Expressway
Type of Service: New Business/Temporary Power
Description of Work: Install and later remove facilities for temporary construction power
underground cable and 2000 amp metering.
Estimate Costs: \$23,088
Source of Revenue: Customer/Developer Contribution
Estimate Number: 35081

Location: 2950 Lakeside Drive
Type of Service: New Business
Description of Work: Install transformer, 640' underground 12kV cable and 2500 amp r
Estimate Costs: \$41,464
Source of Revenue: Customer/Developer Contribution
Estimate Number: 34359

Location: CalTrain Crossing #5, West of Scott Boulevard overpass, North
of Scott Boulevard/Monroe Street Intersection
Type of Service: Reliability/Safety

Description of Work: Replace pole, raise primary span to meet minimum clearance above railroad tracks. Modify down guy anchor system.

Estimate Costs: \$5,279

Source of Revenue: Customer Service Charges

Estimate Number: 35208

Location: CalTrain Crossing #6, East of Scott Boulevard overpass, North of Scott Boulevard/Monroe Street Intersection

Type of Service: Reliability/Safety

Description of Work: Replace poles. Raise primary span between poles to meet minimum clearance needed above railroad tracks. Install new pole. Modify primary framings.

Estimate Costs: \$25,553

Source of Revenue: Customer Service Charges

Estimate Number: 35209

Location: Grant Street South of Reed Street

Type of Service: Reliability

Description of Work: Install 7 wood poles with crossarms and insulators. Install 3000' overhead conductor. Install 15 overhead transformers and reconnect existing customer services. Remove 15 overhead transformers and 4000' overhead conductor. Remove crossarms, racks and down guys from 8 existing poles.

Estimate Costs: \$99,131

Source of Revenue: Customer Service Charges

Estimate Number: 34988

Location: 1048 Monroe Street

Type of Service: New Business

Description of Work: Install one new wood pole, new pad-mounted transformer and 900' high voltage underground cable. Connect customer service and install 7 commercial and 44 residential meters. Remove pole and relocate overhead transformer. Remove 450; overhead and 120; underground cable.

Estimate Costs: \$80,728

Source of Revenue: Customer/Developer Contribution

Estimate Number: 33615

Location: 1479 and 1485 Bellomy Street

Type of Service: New Business

Description of Work: Install two 75' mid-span services and one residential meter.
Remove two existing overhead services.

Estimate Costs: \$11,398

Source of Revenue: Customer/Developer Contribution

Estimate Number: 35408

Location: 2361 Arguello Place

Type of Service: Reliability

Description of Work: Replace existing 15kVA transformer with a 25kVA transformer.
Install related cutout fuses for bank protection on existing crossarms.

Estimate Costs: \$2,429

Source of Revenue: Customer Service Charges

Estimate Number: 34938

Location: 526 Laurelwood Road

Type of Service: Service Drop Relocation

Description of Work: Meter is a one-for-one replacement. New Meter is located farther from existing. Replace existing 500 AL quad service drop with longer service drop to new weatherhead location.

Estimate Costs: \$5,043

Source of Revenue: Customer/Developer Contribution

Estimate Number: 35143

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 the work detailed in this report are budgeted in the Fiscal Year 2018/19 Adopted Budget or will be included in the forthcoming Fiscal Year 2019/20 Recommended Budget.

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

Adopt a Resolution approving the use of City Electric Forces for the installation of facilities at Stevens Creek Boulevard at Henry Avenue; 2800 San Tomas Expressway; 3325/3305 The Alameda; 2121 and 2119 Main Street; 2888 San Tomas Expressway; 2950 Lakeside Drive; CalTrain crossings east and west of Scott Boulevard overpass, north of Scott Boulevard/Monroe Street Intersection; Grant Street South of Reed Street; 1048 Monroe Street; 1479 and 1485 Bellomy Street; 2361 Arguello Place; 526 Laurelwood Road.

Reviewed by: John C. Roukema, Chief Electric Utility Officer

Approved by: Deanna J. Santana, City Manager

ATTACHMENTS

1. Use of City Electric Forces Resolution