



Staff Report

Date: September 13, 2016

To: City Council

From: Valerie J. Barone, City Manager

Reviewed by: Justin Ezell, Director of Public Works

Prepared by: Jeff Rogers
Jeff.rogers@cityofconcord.org
(925) 671-3108

Subject: **Considering award of a contract to DC Electric Group Inc. in the amount of \$109,615 for traffic signal head retrofits, and authorizing the City Manager to execute the contract in a form acceptable to the City Attorney (Measure Q, State Gas Tax and Measure J Local Funds)**

This project is categorically exempt from further review under the provisions of the California Environmental Quality Act under CEQA Guidelines Sections 15301(b) “Existing Facilities” and 15302 “Replacement or Reconstruction” as the project consists of minor alteration to existing public facilities. A Notice of Exemption will be filed with the County Clerk’s Office after contract award.

Report in Brief

This project will upgrade and replace all remaining 8-inch traffic signal indications with 12-inch indications at various signalized intersections throughout the City. Traffic signal indicators are the red, yellow and green lights that compose a traffic signal.

Recommended Action

Public Works recommends awarding a contract to DC Electric Group Inc. in the amount of \$109,615 for traffic signal head retrofits, subject to negotiation and execution of an agreement in form and substance acceptable to the City Attorney.

City Council Agenda Report

Considering award of a contract to DC Electric Group Inc. in the amount of \$109,615 for traffic signal head retrofits, and authorizing the City Manager to execute the contract in a form acceptable to the City Attorney

September 13, 2016

Background

The City Council approved the Traffic Signal Head Retrofit Project (PJ No. 2312) when it adopted the FY 2014-2015 Capital Improvement Program (CIP) 10-Year Plan. Award of this contract will complete and close out CIP PJ No. 2312. This project completes work at the following intersections (see Project Location Map, Attachment 1):

- Clayton Road, at: Fry Way; Gateway Boulevard; Grant Street; Pine Street; and West Street
- Concord Avenue, at: John Glenn Avenue; Stanwell Drive; and Farm Bureau Road
- Cowell Road at Babel Lane
- East Street at Bacon Street
- Grant Street at High School Street and Olivera Road
- Kirker Pass Road at Myrtle Drive
- Monument Boulevard at: Cowell Road; Erickson Road; and Victory Lane
- Oak Grove Road at Whitman Road
- Pine Hollow Road at Rolling Woods Way
- Solano Way at Hillside Avenue
- Sun Valley Boulevard at Sun Valley Mall
- Treat Boulevard at: Cowell Road; Navaronne Way; Turtle Creek Road; and Winton Drive
- Willow Pass Road at: Diamond Boulevard; Franquette Avenue; Fry Way; Gateway Boulevard; and Mt Diablo Street
- Ygnacio Valley Road at Alberta Way and Park Highlands Boulevard

Analysis

The California Manual on Uniform Traffic Control Devices (CAMUTCD – 2014 Edition) specifies that 12 –inch signal indications shall be used for all signal sections in all new signal faces. This project will ensure that all traffic indications in the City of Concord are consistent with the 12-inch indication standard for maximum visibility to drivers. The proposed new installations are consistent with Caltrans criteria as specified in State of California Standard Plans ES-4A And ES-4C for Signal Heads and Mounting (2010 Edition).

Procurement Process

Staff completed a formal bidding process for this project. Five bids were received and DC Electric Group, Inc. was found to be the lowest responsive and responsible bidder.

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Staff completed a bid analysis and determined the bidder possesses satisfactory references and has experience in the construction of similar projects. See Attachment 2 (Bid Summary Sheet) for the bid results.

Financial Impact

Measure Q, State Gas Tax and Measure J Local funds are available in Project No. 2312, Traffic Signal Head Retrofit. The amount recommended to be awarded to DC Electric Group, Inc. is the bid amount plus an additional 10% for contingency.

Environmental Determination

This project is categorically exempt from further review under the provisions of the California Environmental Quality Act (CEQA)¹ under CEQA Regulations Sections 15301(b) "Existing Facilities" and 15302 "Replacement or Reconstruction" as the project consists of minor alteration to existing public facilities. A Notice of Exemption will be filed with the County Clerk's Office after contract award.

Public Contact

The City Council Agenda was posted.

Attachments

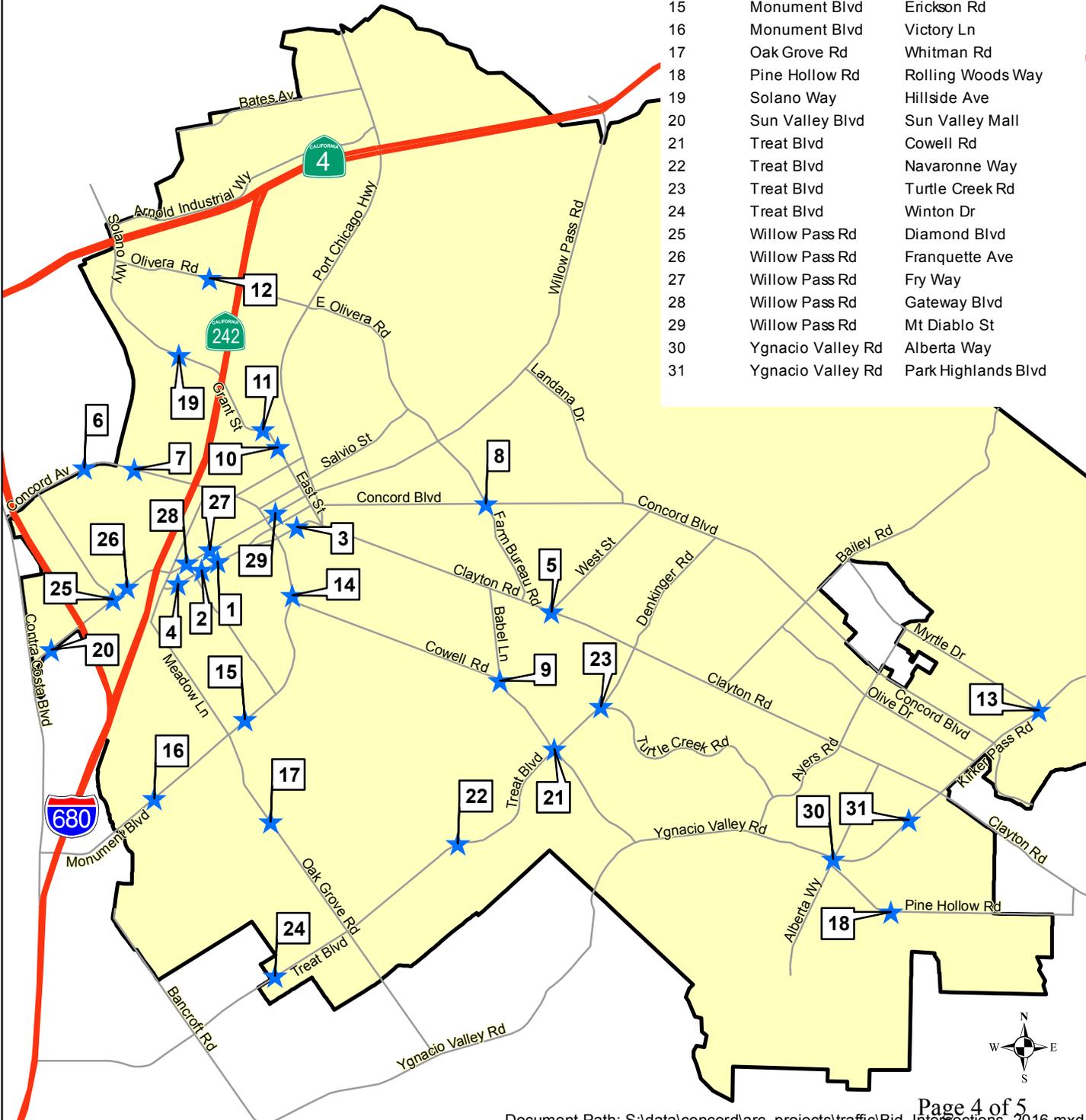
1. Project Location Map
2. Bid Summary Sheet

¹ California Environmental Quality Act (CEQA) of 1970, Public Resources Code § 21000, et seq., and implementing State CEQA Guidelines, Title 14, Chapter 3 of the California Code of Regulations, all as amended from time to time.



Traffic Signal Head Retrofits Project

Number	Main Street	Cross Street
1	Clayton Road	Fry Way
2	Clayton Road	Gateway Blvd
3	Clayton Road	Grant St
4	Clayton Road	Pine St
5	Clayton Road	West St
6	Concord Ave	John Glenn Ave
7	Concord Ave	Stanwell Drive
8	Concord Blvd	Farm Bureau Rd
9	Cowell Rd	Babel Ln
10	East St	Bacon St
11	Grant St	High School St
12	Grant St	Olivera Rd
13	Kirker Pass Rd	Myrtle Dr
14	Monument Blvd	Cowell Rd
15	Monument Blvd	Erickson Rd
16	Monument Blvd	Victory Ln
17	Oak Grove Rd	Whitman Rd
18	Pine Hollow Rd	Rolling Woods Way
19	Solano Way	Hillside Ave
20	Sun Valley Blvd	Sun Valley Mall
21	Treat Blvd	Cowell Rd
22	Treat Blvd	Navaronne Way
23	Treat Blvd	Turtle Creek Rd
24	Treat Blvd	Winton Dr
25	Willow Pass Rd	Diamond Blvd
26	Willow Pass Rd	Franquette Ave
27	Willow Pass Rd	Fry Way
28	Willow Pass Rd	Gateway Blvd
29	Willow Pass Rd	Mt Diablo St
30	Ygnacio Valley Rd	Alberta Way
31	Ygnacio Valley Rd	Park Highlands Blvd



**City of Concord
Bid Sheet**

PROJECT B #2356
Traffic Signal Head Retrofit CIP P-2312

Bid Opening:
Thursday,
August 4, 2016
10:00 a.m.

City Manager's Conference Room

Engineer's Estimate: \$142,000

To be awarded:

COMPANY	TOTAL BID
DC Electric Group, Inc. P. O. Box 7525 Cotati, CA 94931	\$99,650
Long Electric Company 630 Airpark Road, Ste. A Napa, CA 94558	\$104,509
Siemens Industry, Inc. 79 Mitchell Blvd. San Rafael, CA 94903	\$117,640
Bear Electrical Solutions 1341 Archer Street P.O. Box 924 Alviso, CA 95002	\$123,515
St. Francis Electric LLC 975 Carden Street San Leandro, CA 94577	\$163,150