



CAPITOLA CITY COUNCIL AGENDA REPORT

MEETING OF FEBRUARY 23, 2017

FROM: Public Works Department

SUBJECT: Reject All Bids Received for the 41st Avenue Adaptive Traffic Signal System Project

RECOMMENDED ACTION: Reject all three bids received for the 41st Avenue Adaptive Traffic Signal System and direct the Public Works Department to work with the project engineer to modify and redesign the project to bring it in budget.

BACKGROUND: On February 8, 2017, the City received three bids for the 41st Avenue Adaptive Traffic Signal System project. This project will provide for adaptive signal timing along the 41st Avenue corridor from Clares Street to Jade Street.

DISCUSSION: Unfortunately, of the three bids, two were 80 percent over the estimated cost and the third had significant errors necessitating its disqualification. The construction estimate for the project was \$294,000. The three bids received are listed below:

St. Francis Electric	\$536,456
Tennyson Electric	\$546,575
DV Electric	rejected due to errors

A detailed summary of the bids is attached.

Staff recommends that all the bids be rejected and that Public Works and the project engineer reevaluate the project scope and determine the best approach for rebidding the project.

FISCAL IMPACT: This project is funded by a grant from the Monterey Unified Air Pollution Control District. The District has been notified of the bid results and is waiting to hear from the City on options for moving forward.

ATTACHMENTS:

1. Capitola 41st Avenue Adaptive Signal Project Bid Results

Report Prepared By: Steve Jesberg
Public Works Director

41st Ave Signal Coordination Project - Reject Bids
February 23, 2017

Reviewed and Forwarded by:



Jamie Goldstein, City Manager

2/16/2017



Construction Bid Sheet

Project: 41st Avenue Adaptive Traffic Signal System
Bid Opening Date: 2/8/2017
Contractor:

Item	Description	Unit	Quantity	Opinion of Probable Cost		St. Francis Electric		Tennyson Electric		DV Electric Co.	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Traffic Control	LS	1	\$11,478	\$11,478	\$17,000	\$17,000	\$28,900	\$28,900	\$22,000	\$22,000
2	Mobilization	LS	1	\$5,023	\$5,023	\$25,000	\$25,000	\$60,000	\$60,000	\$295,000	\$295,000
3	Utility Potholing	EA	12	\$1,800	\$21,600	\$500	\$6,000	\$650	\$7,800	\$185	\$2,220
4	Furnish and Install Adaptive Traffic Signal System	LS	1	\$145,000	\$145,000	\$321,500	\$321,500	\$257,925	\$257,925	\$137,000	\$137,000
5	Furnish and Install Category 5E Cable	LF	1700	\$6	\$10,200	\$1	\$1,700	\$6	\$10,200	\$3,825	\$6,502,500
6	Furnish and Install No. 14 AWG Conductors	LF	1700	\$4	\$6,800	\$1	\$1,700	\$2	\$3,400	\$2,550	\$4,335,000
7	Furnish and Install Ethernet Extender Device	EA	4	\$2,500	\$10,000	\$10,000	\$40,000	\$9,800	\$39,200	\$8,700	\$34,800
8	Furnish and Install Camera Mounting Hardware	EA	16	\$700	\$11,200	\$425	\$6,800	\$500	\$8,000	\$235	\$3,760
9	Furnish and Install 3" Schedule 80 PVC Conduit	LF	350	\$45	\$15,750	\$250	\$87,500	\$265	\$92,750	\$8,050	\$2,817,500
10	Furnish and Install Caltrans No. 5 Pull Box	EA	6	\$800	\$4,800	\$500	\$3,000	\$2,500	\$15,000	\$425	\$2,550
11	Furnish and Install GPS Clock	EA	4	\$2,000	\$8,000	\$1,850	\$7,400	\$1,500	\$6,000	\$550	\$2,200
12	Furnish and Install Wireless Modem	EA	1	\$1,800	\$1,800	\$1,750	\$1,750	\$3,500	\$3,500	\$8,765	\$8,765
13	Establish Cellular (4G) Wireless Connection	LS	1	\$2,500	\$2,500	\$4,500	\$4,500	\$2,650	\$2,650	\$21,000	\$21,000
14	Minor Concrete	SF	450	\$30	\$13,500	\$28	\$12,600	\$25	\$11,250	\$36,000	\$36,000
				Subtotal	\$267,651	Subtotal	\$536,450	Subtotal	\$546,575	Subtotal	\$14,220,295
				Contingency @ 10%	\$26,765					bid in document \$ 314,200	
				Construction Total	\$294,400						

Bid rejected due to multiple errors

Attachment: Capitola 41st Avenue Adaptive Signal Project Bid Results (1769 : 41st Ave Signal