

Staff Report

September 21, 2004

TO: City Council

FROM: Pat Fitzsimmons, City Engineer
Roxanne Namazi, Senior Civil Engineer

**SUBJECT: Plans, Specifications, and Estimate Approval for Traffic Signal Modification,
Fifth Street at F Street and Fifth Street at G Street, CIP No. 8714**

Recommendation

Approve the Plans and Specifications for this project and authorize bid advertisement.

Fiscal Impact

The total cost of the two signal modifications is a one time amount of \$100,000 for construction and about \$25,000 for design and inspection. These amounts are provided in the approved #8714 CIP budget (RDA funds).

Background and Analysis

The crash records indicate an immediate need for safety improvements at the two intersections of F and G Streets at Fifth Street. Both intersections currently operate under two-phase signal control with left turn movements having to yield to opposing through movements. The proposed signal modifications provide for split-phasing the signals. The split-phase would provide for the two eastbound lanes, including left turns, to go first at the green light. The westbound lanes will be completely stopped to allow for the eastbound movement. Then both eastbound lanes will stop on red allowing both westbound lanes, including left turns, to proceed on their green phase. Pedestrian signal heads (new "count-down style) will also be installed as part of these improvements.

A full set of plans and specifications will be available at the Council meeting for review. Our goal is to have the signals modified this year.

pf/rn/mb

Attachment: Contract Book (portion)

c: Butch Breault, City Electrician
CIP No. 8714 File

**CITY OF DAVIS
YOLO COUNTY, CALIFORNIA**

PUBLIC WORKS DEPARTMENT

PATRICK D. FITZSIMMONS, City Engineer
(Mail or Office) 1717 Fifth Street
Davis, California 95616-3945

Tel.: (530) 757-5686
Fax: (530) 758-4738

CONTRACT BOOK

**PROJECT:
Traffic Signal Modification
Fifth Street at F Street
Fifth Street at G Street
CIP No. 8714**

Project Engineer: Roxanne Namazi, P.E.

BIDS OPEN: To be determined

Deliver Bids To: City Offices - City Clerk's Office
23 Russell Boulevard
Davis, CA 95616-3896

***NOTE* If you choose to mail your Bid Proposal, both the outside and inside envelope **MUST** be clearly marked as [SEALED BID FOR: Traffic Signal Modification, Fifth Street at F Street, Fifth Street at G Street, CIP No. 8714]**

DELIVER IMMEDIATELY TO CITY CLERK'S OFFICE]

Notice Inviting Bids

1. **Notice Is Hereby Given** that sealed bids (Proposals) will be received by the City Clerk of the City of Davis for the following **Project:**

Traffic Signal Modification, Fifth Street at F Street, Fifth Street at G Street, CIP No. 8714

2. **Requesting Plans And Specifications:** **\$25 Non-Refundable**

By Mail or **In Person:** City of Davis, Public Works Department
1717 Fifth Street
Davis, CA 95616-3945

By Phone: 530-757-5686

3. **Description Of The Work:** The work shall include modifying two traffic signals at Fifth Street at F Street and Fifth Street at G Street, including all labor, materials, equipment, and incidentals, to completely install an operating facility. All work shall be performed in accordance with the City of Davis' Standard Specifications January 1996 Edition, the July 1996 and May 1998 Addenda and the Contract Documents.
4. **Engineer's Estimate:** **\$71,000** **Project Engineer:** Roxanne Namazi, P.E.
5. **Contractor's License Classification:** In accordance with the Provisions of California Public Contract Code Section 3300, the City of Davis has determined that the Contractor shall possess a valid **Class [A] General Engineering Contractor's License** or a **Class [C-10] Electrical Engineering Contractor's License** at the time of the bid opening. Failure to possess the specified license shall render the bid as non-responsive and shall act as a bar to award of the contract to any bidder not possessing said license at the time of the bid opening.
6. **Bid Bond:** Each Bid must be accompanied by a Certified or Cashier's Check or Bidder's Bond payable to the City of Davis, in an amount not less than 10 percent of the Bid, as a guarantee that the bidder will enter into a contract if awarded the work. **The Bid Bond submitted shall be provided by a surety duly authorized by the Insurance Commissioner to transact surety business in the State of California.**

Deliver Bids To: CITY OFFICES - CITY CLERK'S OFFICE

23 Russell Boulevard, Davis, CA 95616-3896

(Building is located on the corner of Russell Boulevard & B Street)

Note If you choose to mail your Bid Proposal via any of the overnight/express services, the outside envelope **MUST** be clearly marked as **[SEALED BID FOR:**

**Traffic Signal Modification, Fifth Street at F Street, Fifth Street at G Street, CIP No. 8714
DELIVER IMMEDIATELY TO CITY CLERK'S OFFICE]**

Date And Time:

Date:

PROPOSAL

Traffic Signal Modification Fifth Street at F Street Fifth Street at G Street CIP No. 8714

Bid Items					
Item	Description	Units	Estimated Quantity	Item Price	Total
1.	Modification of Traffic Signal and Streetlights at Fifth & F Streets	L.S.			\$
2.	Modification of Traffic Signal and Streetlights at Fifth & G Streets	L.S.			\$
Total Bid:					\$

The undersigned, as bidder, declares that the only persons or parties interested in this Proposal as principals are those named herein; that this Proposal is made without collusion with any other person, firm or corporation; that they have carefully examined the locale of the proposed work, the proposed form of contract; and they propose and agree if this Proposal is accepted that they will contract with the City, in the form of a copy of the Agreement herein contained; to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all materials specified in the contract, in the manner and time herein prescribed, and according to the requirements of the City Engineer as therein set forth, and that they will take in full payment therefore, including all applicable State and Federal Taxes, the prices given in their Proposal.

In case of discrepancy between the unit price and the total set forth for a unit basis item, the unit price shall prevail, except as provided in (A) or (B), as follows:

- A. If the amount set forth as a unit price is unreadable or otherwise unclear, or is omitted, or is the same as the amount as the entry in the item total column, then the amount set forth in the item total column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price;
- B. (Decimal Errors) If the product of the entered unit price and the estimated quantity is exactly off by a factor of ten, one hundred, etc., or one-tenth, or one-hundredth, etc. from the entered total, the discrepancy will be resolved by using the entered unit price or item total, whichever most closely approximates percentage-wise the unit price or item total in the City's Final Estimate of cost.