



CITY COUNCIL AGENDA REPORT

MEETING DATE: June 7, 2004

ITEM NUMBER:

SUBJECT: BRISTOL/NEWPORT SIGNAL IMPROVEMENT PROJECT - CITY PROJECT NO. 04-08

DATE: MAY 24, 2004

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: WILLIAM J. MORRIS/DIRECTOR OF PUBLIC SERVICES

FOR FURTHER INFORMATION CONTACT: ERNESTO MUNOZ, CITY ENGINEER, (714) 754-5343

RECOMMENDATION:

1. Award a construction contract to KDC Inc. d.b.a. Dynalectric, 4462 Corporate Center Drive, Los Alamitos, CA 90720, in the amount of \$212,230.
2. Authorize the Mayor and the Deputy City Clerk to execute the Public Works Agreement.

BACKGROUND:

On October 12, 2000, the Orange County Transportation Authority (OCTA) awarded grant funds for various projects through the Measure "M" Program. The program included the award of \$224,957 for the design and construction of traffic signal improvements along Bristol Street and Newport Boulevard for Fiscal Year (FY) 02/03, covering 80 percent of costs. This project was initiated in anticipation of the State of California Department of Transportation (Caltrans) relinquishing portions of Bristol Street to the City, and hence the City obtaining control and maintenance of the three Bristol Street traffic signals located at the north and southbound Newport Frontage Roads and the Red Hill Avenue/Santa Ana Avenue intersection.

The project consists of various traffic signal hardware upgrades as follows:

- City system compatible traffic signal control equipment to replace Caltrans controller assemblies along Bristol Street at Red Hill Avenue and at the north and southbound Newport Boulevard frontage roads. The upgrade will permit traffic signal systems to interface with the City's master signal computer, and will enable these three signals to be coordinated with the City's signal network;
- Signal communication cable along Bristol Street;
- Improving the signal phasing at the northbound Newport Boulevard/Wilson Street intersection;

- Replacement of incandescent signal lights with low energy type Light Emitting Diode (LED) traffic signal and pedestrian signal lenses; and
- New crosswalk at the Bristol Street/northbound Newport Boulevard intersection and ADA accessibility ramps.

ANALYSIS:

The Deputy City Clerk received and opened four bids for this project on May 3, 2004. KDC Inc. d.b.a. Dynalectric was the apparent low bidder with a total bid proposal of \$212,230. The Engineer's estimate was \$209,434; and the average of the four bids received amounted to \$222,906. The Bid Abstract is included as "Attachment 1."

The license and references of KDC Inc. d.b.a. Dynalectric were checked and staff has found them to be in good standing.

ALTERNATIVES CONSIDERED:

The alternative to this Council action would be to reject all the bids. If all the bids are rejected, the City would have to readvertise or cancel the project. Staff believes that readvertising the project will not result in lower bids.

FISCAL REVIEW:

Funding is available within the appropriation established for this project in the Capital Improvement Program. The OCTA grant reimbursement of \$224,957 covers 80 percent of the project costs. The City's 20 percent share was budgeted from AQMD subvention funds.

The purchase requisition for this expenditure (Attachment 2) has been approved by the Finance Department acknowledging the availability of the funds.

LEGAL REVIEW:

KDC Inc. d.b.a. Dynalectric has furnished the necessary bonds and insurance, which were approved as to form by the City Attorney's office. After the award and subsequent execution of the contract, a "Notice to Proceed" will be issued.

CONCLUSION:

It is recommended that the City Council award the contract to KDC Inc. d.b.a. Dynalectric in the amount of \$212,230; and authorize the Mayor and the Deputy City Clerk to execute the Public Works Agreement.

ERNESTO MUNOZ
City Engineer

WILLIAM J. MORRIS
Director of Public Services

MARC R. PUCKETT
Director of Finance

DISTRIBUTION: City Manager
Acting City Attorney
Deputy City Clerk
Transportation Services Manager
Staff
File

ATTACHMENTS: "1" [Bid Abstract](#)
"2" [Purchase Requisition](#)

File Name Award Bristol Newport Signal Date 05-24-04
Report

Time 2:45 p.m.