



CITY COUNCIL AGENDA REPORT

MEETING DATE: AUGUST 5, 2008

ITEM NUMBER:

SUBJECT: PROFESSIONAL ENGINEERING SERVICES FOR THE DESIGN OF SANTA ANA AVENUE, PAULARINO AVENUE, ORANGE AVENUE AND SHALIMAR DRIVE REHABILITATION PROJECT

DATE: JULY 24, 2008

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: PETER NAGHAVI, DIRECTOR OF PUBLIC SERVICES

FOR FURTHER INFORMATION CONTACT: ERNESTO MUÑOZ, CITY ENGINEER, (714) 754-5335

RECOMMENDED ACTION:

Award a contract to CIVIL SOURCE Engineering, 500 Wald Street, Irvine, California 92618, in an amount not to exceed \$254,330 for design services, and authorize the Mayor and the City Clerk to execute the Professional Services Agreement (Attachment 1).

BACKGROUND:

Based on staff's field observations and recommendations from the City's Pavement Management System, the following streets are in need of pavement reconstruction at this time:

<u>Street Names</u>	<u>From</u>	<u>LIMITS</u> <u>To</u>
Santa Ana Avenue	19 th Street	21 st Street
Paularino Avenue	Bear Street	Bristol Street
Orange Avenue	Del Mar	Mesa Drive
Shalimar Drive (08-09 CDBG)	Placentia Avenue	Pomona Avenue

The pavement on the above-mentioned street segments has reached its useful life and is now in need of complete reconstruction. Many factors, such as poor soil conditions, increased traffic loads, utility work, and tree roots have all contributed to the deterioration of the pavement, and also the curb and gutter, and sidewalks.

The estimated cost to reconstruct these streets and rehabilitate their parkway areas is \$3.5 million.

ANALYSIS:

The design scope of work for the above-mentioned streets consists of the preparation of final plans, specifications, and construction cost estimates. The engineering work includes, but is not limited to: soil testing and structural section design; field surveying; determining Right-Of-Ways (ROW); redesign of alley entrances, damaged curbs and gutters, and all associated work including wheel chair ramp (WCR) designs to meet Americans with Disabilities Act (ADA) requirements.

In response to City's Request For Proposals (RFP) process staff received four proposals. All proposals were reviewed for compliance with the City's RFP and the consultants were evaluated based on project understanding, depth of experience, technical expertise, ability to meet the schedule, and associated factors.

After careful review of all proposals, staff has selected CIVIL SOURCE Engineering as well qualified to perform the work. The firm's Project Manager demonstrated to have the understanding and technical ability to complete this project and has experience with similar projects in the City, as well as other jurisdictions. Staff has determined that the proposed cost of \$254,330 for consultant services for this project is reasonable for meeting the City's requirements as listed in the Scope of Services. The cost for services translates to approximately seven percent of the estimated construction cost for the project, and is within the industry standard.

ALTERNATIVES CONSIDERED:

Council may choose to not award a design services contract for the stated project and direct the work to be performed by in-house engineering staff. However, due to the volume of work and the large number of projects currently being handled by the Engineering Division, significant delays in implementing this project would be experienced. Delays are estimated to be from twelve to fifteen months.

FISCAL REVIEW:

In November 2006, the voters in the State of California adopted the Highway Safety, Traffic Resolution, Air Quality and Port Security Bond Act of 2006 (Prop. 1B). The City was granted \$1.83 million in Prop. 1B funds in fiscal year 2007-2008. In addition, the adopted 2008-2009 Capital Improvement Budget includes \$2.9 million in Gas Tax and Measure "M" funding, and \$723,512 in Community Development Block Grant (CDBG) funding for street improvements. These funds will cover the design and construction cost of the subject project.

LEGAL REVIEW:

The City Attorney has reviewed and approved the attached Professional Services Agreement (Attachment 1) as to content and form.

CONCLUSION:

It is recommended that the City Council award the design services contract to CIVIL SOURCE Engineering in an amount not to exceed \$254,330 and authorize the Mayor and City Clerk to execute the Professional Services Agreement.

ERNESTO MUÑOZ
City Engineer

PETER NAGHAVI
Director of Public Services

MARC R. PUCKETT
Director of Finance

Attachment: 1- [Professional Services Agreement](#)

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