



CITY COUNCIL AGENDA REPORT

MEETING DATE: FEBRUARY 03, 2009

ITEM NUMBER:

SUBJECT: PROFESSIONAL ENGINEERING SERVICES FOR DESIGN OF VANGUARD WAY, WILSON STREET AND MENDOZA DRIVE REHABILITATION PROJECT

DATE: JANUARY 22, 2009

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: PETER NAGHAVI, DIRECTOR, DEPARTMENT 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 \$152,400.00 for design services, and authorize the Mayor and the City Clerk to execute the Professional Services Agreement (Attachment 1).

BACKGROUND:

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

STREET NAMES	<u>LIMITS</u>	
	From	To
VANGUARD WAY	Newport Boulevard	Fair Drive
WILSON STREET	Newport Boulevard	Fairview Road
MENDOZA DRIVE	Lorenzo Drive	Mission Drive

The existing pavement conditions within the project limits are poor. Many factors such as soil condition, weather, aging, traffic, utility work, and tree roots have contributed to the deterioration of sections of pavement, curb and gutter, and sidewalk.

The estimated construction cost is \$5.25 million and generally includes pavement and parkway rehabilitation.

ANALYSIS:

The design scope of work for the above-mentioned street 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 pavement section design, field surveying, design of damaged curbs and gutters, cross gutters and spandrels, sidewalks, driveways and driveway approaches, wheel chair ramp, and preparation of traffic control plans for the construction phase of the project.

Staff initiated the Request For Proposals (RFP) process for the design phase of the project and received three proposals on December 29, 2008. 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 has a thorough understanding of the project and has successfully completed similar projects in the City, as well as in other jurisdictions. Staff has determined the proposed cost for consultant services, \$152,400.00 to be reasonable for meeting the City's requirements as listed in the Scope of Services. The cost for services translates to approximately three percent of the estimated construction cost for the project, and is within industry standards for this type of work.

ALTERNATIVES CONSIDERED:

The City 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 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:

There is sufficient available revenue in the Gas Tax and Measure "M" fund balances to cover the design and construction costs associated with this project. Funding for this project was appropriated in the current and previous fiscal years for citywide street improvements.

LEGAL REVIEW:

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

CONCLUSION:

The following streets are in need of pavement rehabilitation at this time: Vanguard Way from Newport Boulevard to Fair Drive, Wilson Street from 55 Fwy to Fairview Road, and Mendoza Drive, from Lorenzo Drive to Mission Drive. It is recommended that the City Council award the design services contract to Civil Source Engineering in an amount not to exceed \$152,400.00, and authorize the Mayor and the City Clerk to execute the Professional Services Agreement.

ERNESTO MUÑOZ
City Engineer

PETER NAGHAVI, Director
Department of Public Services

MARC R. PUCKETT
Director of Finance

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

Distribution: City Manager

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