



# CITY COUNCIL AGENDA REPORT

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MEETING DATE: JANUARY 15, 2008

ITEM NUMBER:

**SUBJECT: PROFESSIONAL ENGINEERING SERVICES FOR THE DESIGN OF WALNUT STREET DRAINAGE IMPROVEMENTS**

**DATE: JANUARY 3, 2008**

**FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION**

**PRESENTATION BY: PETER NAGHAVI, ACTING PUBLIC SERVICES DIRECTOR**

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

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## **RECOMMENDED ACTION:**

Award a contract to Kabbara Engineering, 121 North Harwood Street, Orange, CA 92866, in an amount not to exceed \$77,000 for design services, and authorize the Mayor and the City Clerk to execute the Professional Services Agreement (Attachment 1).

## **BACKGROUND:**

The City's Master Drainage Plan (MDP) adopted by the City Council at the meeting of August 15, 2006, calls for various upgrades to existing storm drain systems throughout the City. The City Council adopted a 20-year Capital Improvement Priority List for Storm Drains, and approved the recommendations in the MDP report. The City Council directed staff to upgrade and/or construct storm drain systems as recommended. The Walnut Street drainage area is the first priority on the Council-approved, 20-year Priority List. In Fiscal Year 2007-08, City Council allocated \$200,000 to cover the design cost for the Walnut Street Storm Drain System upgrades.

## **ANALYSIS:**

The scope of work for this design contract consists of two phases; 1) Preliminary engineering, and 2) Final Engineering.

The Preliminary Engineering phase includes utility investigation, preparing a hydrology study and report, and developing and evaluating a minimum of three alternative solutions to mitigate the flooding problems at this location.

The Final Engineering phase includes design, preparation of plans, specifications, and cost estimates for the recommended upgrade alternative, including soil testing (if required), design survey, and all other pertinent work as required.

Staff advertised the project for the design phase and received six proposals on September 28, 2007. A panel of City staff members from the Public Services Department evaluated the proposals submitted by the consulting firms.

Upon careful evaluation of the proposals staff found that Kabbara Engineering is well qualified to perform the professional services. Proposals were reviewed for compliance with the City's Request For Proposals; project understanding and scope of work; related experience; experience of project team; and associated issues. During the evaluation process, Kabbara Engineering presented their

firm as having a thorough understanding of the project and demonstrated substantial experience and technical ability to perform the outlined scope of work. They have indicated a total of six months is required to complete the work.

**ALTERNATIVES CONSIDERED:**

The alternative to this Council action would be to not award a design services contract for the stated project, and perform the engineering work with City staff. Due to the volume of work and the large number of projects currently being handled by the Engineering Division, a significant delay in implementing this project would be experienced if staff were to perform the engineering in-house. Delays are estimated to be from twelve to fifteen months.

**FISCAL REVIEW:**

The Fiscal Year 2007-2008 Capital Improvement budget allocates \$200,000 in Drainage Fee revenue for the Walnut Street Drainage Improvements. These funds will cover the design and a portion of the construction cost of the subject project. Subsequent appropriations from available Drainage Funds will be requested for the construction phase of this 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 Kabbara Engineering in an amount not to exceed \$77,000 and authorize the Mayor and City Clerk to execute the Professional Services Agreement.

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ERNESTO MUNOZ  
City Engineer

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PETER NAGHAVI  
Acting Director of Public Services

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MARC R. PUCKETT  
Director of Finance

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

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