



CITY COUNCIL AGENDA REPORT

MEETING DATE: OCTOBER 17, 2006

ITEM NUMBER:

SUBJECT: AWARD PROFESSIONAL SERVICES CONTRACT FOR CONSTRUCTION MANAGEMENT, INSPECTION AND SURVEY SUPPORT SERVICES FOR FAIRVIEW ROAD/I-405 INTERCHANGE WIDENING AND HARBOR BOULEVARD/I-405 IMPROVEMENT PROJECTS

DATE: OCTOBER 5, 2006

FROM: PUBLIC SERVICES DEPARTMENT - TRANSPORTATION SERVICES DIVISION

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

FOR FURTHER INFORMATION CONTACT: PETER NAGHAVI, TRANSPORTATION SERVICES MANAGER, 714-754-5182

RECOMMENDATION:

1. Award a Professional Services Contract for an amount not to exceed \$898,056 to Lim and Nascimento Engineering Corporation, 12 L Mauchly, Irvine, CA 92618, for Construction Management, Inspection and Survey support services for the Fairview Road/I-405 Interchange Widening and Harbor Boulevard/I-405 Improvement projects; and
2. Authorize the Mayor and the City Clerk to execute the Professional Services Agreement (Attachment 1)

BACKGROUND:

Over the past 2 years, the City has been working with the State of California Department of Transportation (Caltrans) in finalizing design plans for Fairview Road/I-405 Interchange Widening and Harbor/I-405 Improvement projects. The two projects are briefly described below:

- Fairview Road/I-405 Interchange – This project involves widening of the Fairview Road bridge over I-405 Freeway to provide a third southbound left-turn lane from Fairview Road to southbound I-405 Freeway and the associated widening of the southbound I-405 Freeway onramp,
- Harbor Boulevard/I-405 –This project involves improvements to the east side of Harbor Boulevard between Gisler Avenue and South Coast Drive, and includes removal of the existing embankment under the I-405 freeway bridge, construction of northbound new onramp behind the bridge columns; and reconstruction of the southbound onramp “gore” area from southbound Harbor Boulevard. This will result in four continuous through lanes in each direction on Harbor Boulevard under the I-405 Freeway, as well as for providing improved freeway access.

The Fairview Road/I-405 Interchange Widening project is identified as a mitigation for the Home Ranch development in the Environmental Impact Report (EIR). This Harbor Boulevard/I-405 Improvement is consistent with the City's General Plan Circulation Element. These projects are nearing design completion with final approvals expected by early 2007. The total estimated construction cost for the two projects is approximately \$7.2 million. The City has secured a total of \$4.2 million in grants from the Measure M program and an additional \$450,000 from the Bicycle Transportation Account (BTA) program towards the construction of these projects. The Home Ranch Development Mitigation funds would be used to match the grant funding.

ANALYSIS:

The Construction Management, Inspection and Survey support services required for these projects are extensive and beyond staff's resources. These projects include significant structural improvements such as bridge widening, tieback wall and retaining wall, which require services of a qualified construction management consultant. Therefore, the City issued a Request For Proposals (RFP) to seven qualified consultants to perform the required construction management services.

In response to the City's RFP, submittals were received from four consulting firms to provide the intended services. 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 and extensive follow-up interviews with all four consultants, staff has selected Lim and Nascimento Engineering Corporation (LAN), as well qualified to perform the work. LAN's Project Manager and the assigned Resident Engineer exhibited a thorough understanding of the project and documented technical ability and experience with similar projects in the City as well as other jurisdictions. Staff has determined the proposed cost for consultant services, \$898,056, to be reasonable for meeting the City's requirements as listed in the scope of services. The cost for services translates to approximately 12 percent of the estimated construction cost for the project, and is consistent with the industry standard.

ALTERNATIVES CONSIDERED:

One alternative would be to perform the work in-house. However, the extensive scope and demands of the project exceed staff's knowledge, resources and time. A second alternative would be to not undertake the project. This alternative would result in the project not being constructed and causing future unmitigated traffic impacts in the area, thereby not meeting City's General Plan goals as well as non-compliance with the Home Ranch Environmental Impact Report. Also, this would result in the forfeiting of the awarded grant funding.

FISCAL REVIEW:

The City has secured OCTA grant funding from the Measure M Master Plan of Arterial Highways (MPAH) and Regional Interchange Program (RIP) in the amount of approximately \$4.1 million covering 50% of the project costs. The remaining 50% of the costs will be derived from Home Ranch Development Mitigation funds in the amount of approximately \$3.7 million, Bicycle Transportation Account (BTA) grant in the amount of \$450,000 and OCTA Growth Management Area (GMA) funds in the amount of approximately \$100,000. A total of approximately, \$7.9 million was appropriated for the project's construction phase in the City's budget. The addition of recently secured

\$450,000 in BTA grant funding, results in a total budget of approximately \$8.35 million for the project construction. The projected cost for construction and construction management services is approximately \$8.1 million, which is within the available budget.

LEGAL REVIEW:

The City Attorney's office has reviewed the attached professional services agreement and has approved the document relative to form.

CONCLUSION:

After careful review of the various proposals and follow-up interviews with the consultants for the Construction Management, Inspection and Survey Support services, staff recommends that the City Council award a professional services contract to Lim and Nascimento Engineering Corporation, in an amount not to exceed \$898,056. Further, staff requests that the City Council authorize the Mayor and the Deputy City Clerk to execute the attached Professional Services Agreement (Attachment 1).

PETER NAGHAVI

Transportation Services Manager

WILLIAM J. MORRIS

Director of Public Services

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ATTACHMENTS: 1 [Professional Services Agreement](#)