



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: OCTOBER 18, 2016

FROM: PUBLIC WORKS DEPARTMENT WARD: 2

SUBJECT: RFP 1575, A PROFESSIONAL CONSULTANT SERVICES AGREEMENT TO PREPARE A FOURTEENTH STREET UNDERPASS DRAINAGE STUDY WITH CWE, FOR AN AMOUNT NOT TO EXCEED OF \$95,604

ISSUE:

Approve a Professional Consultant Services Agreement with CWE to prepare a Fourteenth Street Underpass Drainage Study Report for an amount not to exceed of \$95,604.

RECOMMENDATIONS:

That the City Council:

1. Approve the Professional Consultant Services Agreement with CWE, of Fullerton, California, in an amount not to exceed \$95,604, for the preparation of a Drainage Study Report for the Fourteenth Street Underpass; and
2. Authorize the City Manager, or his designee, to execute the Professional Consultant Services Agreement with CWE.

BACKGROUND:

The Fourteenth Street Underpass and storm water pump station were completed in 1975. In recent years, the underpass has been prone to frequent flooding.

During storm events, storm water runoff is collected, pumped and discharged into an open channel (the Riverside canal) which flows southerly and enters a subsurface concrete culvert at Cridge Street.

Due to the Riverside canal's limited capacity, a 48-inch pipe connected to the canal between Prospect Avenue and Cridge Street provides for additional discharge from the canal. Flow to this pipe is controlled by a trapezoidal open channel that runs through Riverside Community College which is manually opened during rain events to allow for maximum use of the canal to accommodate the storm flows.

DISCUSSION:

On February 11, 2016, the Public Works Department issued a Request for Proposal (No. 1575)

seeking a qualified engineering consulting firm to prepare a drainage study report to identify potential solutions to reduce flooding of the underpass. In response to the RFP, four consulting firms submitted proposals for consideration. A selection committee comprised of three Public Works staff, including the City Engineer, utilized a two-step process to evaluate the proposals and select the recommended firm.

The first step included a review of the proposals and each firm was ranked based on their qualifications and the content of the proposals. For step two of the process, the four firms were invited to participate in an interview for more detailed consideration of their qualifications including key staff who would be responsible for completion of the project. As a result of the review process and comprehensive interviews, CWE was selected as the most qualified firm for the preparation of the Fourteenth Street Underpass Drainage Study Report. This was determined based on their demonstrated understanding of the study report; their proposed approach for successful execution; the education and experience of their project manager and key staff members and their extensive experience in performing similar work; and, their positive feedback from other agencies.

The Public Works Department negotiated the Agreement (Attachment 2) with CWE. Under the terms of the agreement, CWE will collect and review existing data, evaluate existing improvements, perform hydrologic and hydraulic analysis, and develop alternatives and cost estimates for improving storm water discharge and averting the flooding of the underpass. The work would be performed on a time and material basis for an amount not to exceed of \$95,604.

The Purchasing Services Manager concurs with the recommendations above.

FISCAL IMPACT:

There will be no General Fund impact associated with this report. The estimated total cost to prepare the drainage study is \$95,604. There are sufficient funds available in the 14th Street Underpass Storm Drain account, No.9887026-440223 to complete the study for the 14th Street Underpass Storm Drain Project.

Prepared by: Kris Martinez, Public Works Director
Certified as to
availability of funds: Scott G. Miller, PhD, Chief Financial Officer/City Treasurer
Approved by: Al Zelinka, FAICP, Assistant City Manager
Approved as to form: Gary G. Geuss, City Attorney

Attachments:

1. Project Location Map
2. Agreement with CWE Corporation