



Agenda Item:

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COUNCIL COMMUNICATION City Manager's Office

GENERAL INFORMATION

Agenda Date: 04/05/04

Communication

No.: 04-171

Agenda Item Type: Resolution

Roll Call

No.:

Submitted by: Jeb E. Brewer, P.E., City Engineer

SUBJECT—

Approving Professional Services Agreement with Shuck-Britson, Inc. for 5th & Walnut Parking Garage Structural Evaluation, not to exceed \$18,000.00.

SYNOPSIS—

Approval of a Professional Services Agreement with Shuck-Britson, Inc. (Robert A. Britson, President, 2409 Grand Avenue, Des Moines, Iowa, 50312) for 5th & Walnut Parking Garage Structural Evaluation, compensation not to exceed \$18,000.00.

FISCAL IMPACT—

Compensation to the consultant is not to exceed \$18,000.00. Funds are available in the 2003/04 Capital Improvements Program – Parking Facility Maintenance Program, Index Code 351668, Fund EN054, Organization ENG990000, Project PKG016, Activity ID 01-2004-030.

RECOMMENDATION—

Approval.

BACKGROUND—

On the afternoon of March 19, 2004, the Engineering Department was notified by the operator of the parking system that there was a problem on the 4th level of the 5th & Walnut Parking Garage. Staff immediately investigated the location and found that there had been an anchorage failure of a post-tensioned strand bundle in the northeast corner of the 4th level at this parking garage. The 4th and 5th levels at the parking garage were immediately closed and Shuck-Britson, Inc. was contacted to provide a preliminary recommendation on the structural integrity of the garage. Shuck-Britson, Inc. recommended that no parking be allowed in the garage until temporary shoring of the deck with the de-tensioned strands could be installed. The parking garage was closed and an emergency contract with Cramer & Associates, Inc. was negotiated to install the temporary shoring. The temporary shoring was completed on March 20, 2004 and the garage was reopened the afternoon of Saturday, March 20, 2004 with a parking restriction. Parking is restricted in the northeast corner of the 3rd and 4th levels where the temporary shoring is installed.

Further investigation of the de-tensioned strands occurred during the week of March 22, 2004. Shuck-Britson, Inc. recommended that an emergency contract be obtained to repair the post-tensioning system. This would allow the temporary shoring to be removed and allow full use of all of the parking spaces in the garage. On March 25, 2004, plans and specifications for this repair were sent to four contractors. Two bids were received on March 29, 2004, and a recommendation to award an emergency contract to the low bidder, Western Waterproofing Co., Inc. is on the April 5, 2004 agenda.

A Professional Services Agreement has been negotiated with Shuck-Britson, Inc. to provide construction phase services for the emergency post-tensioning repair contract and conduct a structural evaluation of the 5th & Walnut Parking Garage. This evaluation will include a detailed investigation of all structural components of the garage, a recommendation for repair priorities, and an estimate of the remaining life of this parking structure.