



Agenda Item:

8

COUNCIL COMMUNICATION City Manager's Office

GENERAL INFORMATION

Agenda Date: 04/19/04
No.: 04-195
Agenda Item Type: Receive/File
No.:

Communication

Roll Call

Submitted by: Jeb E. Brewer, P.E. City Engineer and
William G. Stowe, Public Works Director

SUBJECT—

Approving a Professional Engineering Services Agreement Amendment No. 2 for the WRA Secondary Treatment Aeration System Improvements.

SYNOPSIS—

A Professional Services Agreement Amendment No. 2 has been negotiated with the professional engineering firm of Brown and Caldwell, Environmental Engineers & Consultants, Craig A. Goehring, CEO, 55 East Fifth Street, Suite 1500, Saint Paul, Minnesota, 55101, to provide additional construction phase services for the WRA Secondary Treatment Aeration System Improvements project, Activity ID 01-2003-015.

FISCAL IMPACT—

Staff requests approval of the additional construction phase services for a lump sum agreement not to exceed \$6,810.00. Funding for this project is provided for on page WRA14 of the 2003-04 CIP. WRF – Aeration Blowers, Account 543020, Fund: EN267, Org: ENG990000, Project: WRA 072, Activity ID 01-2003-015.

RECOMMENDATION—

Approval

BACKGROUND—

The 2003/04 CIP for the Wastewater Reclamation Authority included the WRF Secondary Aeration System Improvements. A construction contract for these improvements was awarded to C.L. Carroll Co., Inc., Jon P. Rissman, President, 3623 6th Avenue, Des Moines, Iowa 50313, in December, 2003. During construction of the Aeration Piping Improvements, the contractor placed part of the piping system under pressure. The pressurization caused the hanger supports, originally constructed in 1990 to fail; which resulted in an expansion joint failure in the 66-inch air line. With the failed expansion joint the aeration system has only one blower that can be used. It was necessary to have Brown & Caldwell analyze the hanger supports and design new supports that would withstand the startup pressures. This amendment compensates Brown & Caldwell for the analysis and design effort required for the new hanger supports. Brown & Caldwell was chosen for to complete this work because they completed the design and were currently working on the construction phase services for this Aeration Blower System, and are familiar with the aeration system and the requirements of the project.