



Council Communication No. 97-376

SYNOPSIS —

An agreement has been negotiated with the professional engineering organization of RUST/Metcalf & Eddy—A Joint Venture (Thomas Leonhardt, President and CEO, Rust Environment and Infrastructure, 15 Brendan Way, Greenville, SC 29615, and Jekabs Vittando, President, Metcalf & Eddy, 30 Harvard Mill Square, Wakefield, MA 01880) to provide engineering services for the construction phase of the WRA Regional Wastewater Treatment Plant—Personnel and Laboratory Facilities Project. The proposed agreement is a cost plus fixed fee arrangement, and provides for professional engineering services for the construction phase of the proposed project. The proposed fee for such work is \$486,124.72 plus a fixed fee of \$68,057.46 which results in a total maximum fee of \$554,182.18 for this agreement. The apparent low bid for construction of this project is \$6,552,000.

FISCAL IMPACT —

Funding for this project is provided for on page 241 of the 1997-98 Capital Improvements Program. The funds for this project have been secured utilizing State Revolving Loan Funds (SRLF) which will be repaid by the WRA Constituent Communities on a pro-rata basis according to the participation percentages provided in the ICA Agreement. The cost for this agreement is shared by the participating WRA Communities as follows:

Clive	2.31%	\$	12,801.61
Des Moines	71.08%		393,912.69
Johnston	0.79%		4,378.04
Pleasant Hill	2.15%		11,914.92
Polk County	5.44%		30,147.51
Urbandale San Sewer District	6.25%		34,636.38
Urbandale-Windsor Heights San District	2.63%		14,574.99
Warren County	1.25%		6,927.28
West Des Moines	8.10%		44,888.76

RECOMMENDATION —

Approval of the proposed Engineering Agreement with RUST/Metcalf & Eddy—A Joint Venture.

BACKGROUND —

On April 17, 1995, by Roll Call No. 95-1522, and on August 28, 1995, by Roll Call No. 95-3322, two agreements were executed by the City with RUST/Metcalf & Eddy—A Joint Venture to provide professional engineering services necessary to design the new Laboratory and the additional Personnel Facilities respectively at the WRA Wastewater Treatment Facility at 3000 Vandalia Road. The design documents for both projects are now completed and have been combined into one project to take advantage of a potential lower bid price as a result of the need for only one contractor instead of two. Bids were taken on June 25, 1997 for construction of the project.

It has been determined to be advantageous for the City to enter into an agreement with RUST/Metcalf & Eddy—A Joint Venture, to provide construction related engineering services which include work for the project bidding phase, general engineering services for the project construction phase, and to provide field observation services for construction activities. This work involves monitoring and reviewing the construction of complex laboratory facilities and other wastewater treatment facilities, and will require the specialized expertise and knowledge of an organization with substantial experience in these matters. This organization designed the proposed facilities and has the desired specialized experience in providing engineering services for the construction phase of this type of work.