

OFFICE OF THE CITY MANAGER
DES MOINES, IOWA

CITY COUNCIL COMMUNICATION 96-471
NOVEMBER 4, 1996 AGENDA

| SUBJECT: | TYPE: | SUBMITTED BY: |
|--|---|----------------------------------|
| NEW LABORATORY FACILITIES PROJECT AT WRA REGIONAL WASTEWATER TREATMENT PLANT | ◆ RESOLUTION ORDINANCE RECEIVE/FILE | HAROLD E. SMITH CITY ENGINEER |

SYNOPSIS —

Agreement Amendment No. 1 has been negotiated with the professional engineering organization of RUST/Metcalf & Eddy - A Joint Venture, to provide additional out-of-scope Engineering Design Services for the WRA Regional Wastewater Treatment Plant - New Laboratory Facilities Project. The proposed agreement amendment is on a cost plus fixed fee arrangement consistent with the original agreement. The proposed amendment for actual costs incurred for direct labor, indirect costs and other direct costs not including the fixed fee is \$31,929.82 plus a fixed fee of \$4,470.18, which results in a total amendment of \$36,400. This amendment increases the maximum professional engineering design fee for the original agreement from \$147,173.21 to \$183,573.21. The estimated construction cost for this project is set at \$2,495,580.

FISCAL IMPACT —

Funding for this project is provided for on page 265 of the 1996-97 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. Des Moines' share is 71.08 percent.

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, the City Council authorized the Mayor to sign an agreement with the professional engineering organization of RUST/Metcalf & Eddy - A Joint Venture, to provide professional engineering design services for the New Laboratory Facilities at the Des Moines Integrated Community Area Regional Wastewater Treatment Plant Project.

Design work on the project has progressed satisfactorily; however, the work has required a number of revisions to the floor plans and site location to accommodate the environmental and various physical constraints of the existing wastewater treatment plant site which were not contemplated in assembling the original engineering fee for this design agreement. It has also been determined that the actual size of the facility will need to be somewhat larger than was in the original design to accommodate present and future laboratory and regulatory needs. The final site location for the laboratory was selected and determined to be the most advantageous for both the WRA and the City because of lower costs of construction and safer accessibility to the facility by employees working in the laboratory over other sites that were available on-site as well as off-site.