



**CITY COUNCIL
COMMUNICATION:**

ITEM _____

**OFFICE OF THE CITY MANAGER
CITY OF DES MOINES, IOWA**

98-497

SYNOPSIS -

AGENDA:

NOVEMBER 2, 1998

An amended agreement has been negotiated with the engineering firm of Brown & Caldwell, Craig Goehring, President and CEO, 3408 Buskirk Avenue, Pleasant Hill, California 94526-4342, to provide additional Engineering Services associated with construction of the Wastewater Reclamation Authority (WRA) Raw Sewage Pumping Station project. The proposed amendment is on a cost plus fixed fee arrangement consistent with the original agreement.

SUBJECT:

PROFESSIONAL
SERVICES AGREEMENT
AMENDMENT - WRA
RAW SEWAGE PUMPING
STATION PROJECT

FISCAL IMPACT -

TYPE:

**RESOLUTION
ORDINANCE
RECEIVE/FILE**

The proposed fee for such additional Engineering Services, including the fixed fee, is \$403,425. This Agreement Amendment Number Three increases the original agreement and Agreement Amendment Numbers One and Two by \$403,425 for a total contract in the amount of \$1,044,015.47.

SUBMITTED BY:

HAROLD SMITH
CITY ENGINEER

Funding for this project is provided for on page 369 of the 1998-99 Capital Improvements Program (CIP) under Index 396069. Funding for a portion of the project will be made from the WRA Renewal & Replacement Fund, which has sufficient cash on hand. The balance of the project will be funded by direct contributions by each WRA Community for their appropriate share of the project cost based on the Fourth Supplement to the Integrated Community Area (ICA) Agreement and the Western Area Facility Plan. Des Moines' share of the project is proposed to be funded with funds provided by Sewer User Fees using cash on hand in the fund.

RECOMMENDATION -

Approval of the proposed Engineering Agreement Amendment Number Three with Brown & Caldwell.

BACKGROUND -

On April 21, 1997, by Roll Call Number 97-1293, the City Council gave approval for the Mayor to execute an Agreement Amendment with the consultant to provide engineering design services for the WRA Pump Station project. Work has been completed on the design, and bids were received on October 13, 1998 for construction of the project. The contract with John T. Jones Construction of Fargo, ND, the low bidder, is in the amount of \$8,192,000. It is now necessary to proceed with the construction activities described in the project plans and specifications.

The proposed agreement amendment provides that the consultant will perform engineering services related to the project for the duration of the project construction activities with the exception of providing an individual to perform the actual construction inspection work. It is not possible at this time to estimate with any degree of confidence the number of hours necessary for actual inspection of the work because the number of hours required for inspection is dependant on how and when the contractor chooses to pursue construction activities. The contractor has not presented his proposed schedule to City staff for the work at this time. It will be possible to determine the construction inspection staffing requirements after the contractor has identified his proposed construction activity schedule. At that time, an agreement amendment will be negotiated with the consultant and will be presented to the City Council that will provide for construction inspection of work involved in the installation of the specialized wastewater treatment equipment.

It is presumed that the initial phase of the construction work will entail some contractor mobilization effort, but will primarily consist of submittal and review of shop drawings for the large equipment proposed to be installed. Minimal specialized construction work is expected to occur during the period from the present

time until the equipment is delivered to the site, which could be early fall of 1999.

In the interim, it has been determined to be beneficial for the City to assign a construction inspector employed by the City in the Engineering Department to receive and transmit shop drawings, as well as to coordinate the contractors mobilization efforts for the initial phase of the project. The City inspector is proposed to continue to assist the consultant for the duration of the project activities.