



**Council Communication No. 97-252**

**SYNOPSIS –**

An agreement has been negotiated with the engineering firm of Veenstra & Kimm, Inc., H. R. Veenstra, Jr., President, 3000 Westown Parkway, West Des Moines, IA 50266-1320, to provide construction-phase engineering services for the WRA Southwest Outfall Relief Sewer - Phase 12, Segment 1A project. The proposed agreement is on a cost plus fixed fee arrangement and provides for General Engineering Services along with Resident Review and Construction Staking Services. The proposed fee for such engineering work is \$30,745.60 plus a fixed fee of \$4,304.38, which results in a total maximum fee of \$35,049.98 for this agreement.

**FISCAL IMPACT –**

Funding for this project is provided for on page 243 of the 1997-98 CIP, Fund Number 396168. Funds for the City of Des Moines' share of the project will be provided by cash on hand from the Des Moines Sewer Replacement Fund. Funds for the WRA constituent communities' share of the project will be provided by cash payment by such communities to Des Moines according to the provisions of the ICA Agreement.

**RECOMMENDATION –**

**Approval of the proposed Professional Engineering Agreement with Veenstra & Kimm, Inc.**

**BACKGROUND –**

On August 5, 1996, by Roll Call No. 96-2710, the City Council authorized the Mayor to sign an agreement with the professional engineering firm of Veenstra & Kimm, Inc. to provide professional engineering work necessary to design the sewer facilities described as Phase 12, Segment 1 in the Western Area Facility Plan. The Western Area Facility Plan, dated 1992, shows this project to be separated into two segments. Segment Two of the project has already been completed. Segment One is scheduled to be implemented in 1997. It has been determined that it will be necessary to construct part of Segment One in the near future to accommodate parking lot construction work being planned by a property owner whose property is being crossed by the proposed sewer pipe. This part of the project is titled Segment 1A.

The proposed Southwest Outfall Relief Sewer - Phase One project is located east of Fleur Drive along the north side of the Raccoon River and is parallel to the existing Southwest Outfall Sewer.

The proposed sewer is approximately 8,300 feet in length and will be located in an area that is considered to be industrial in nature. Segment 1A of this sewer work is the westerly 1,200 feet of the project.

Design and construction costs of the proposed sewer project would be allocated to the following WRA communities according to the Fourth Supplement to the ICA Agreement:

Des Moines	20.57%
West Des Moines	37.00%
Clive	10.15%
Urbandale Sanitary Sewer District	20.65%
Urbandale-Windsor Heights Sanitary District	11.63%

The estimated construction cost of Segment 1A is estimated to be \$542,000. The estimated project cost for Segment One which includes Segment 1A is \$2,542,640.

This project was approved by the WRA Management Agency to proceed with design and construction on March 12, 1996.

The proposed design and construction of this project is consistent with the schedule in the Western Area Facility Plan and will avoid potential conflict with construction of the ML King, Jr. Parkway contemplated for this area.