

**CITY COUNCIL
COMMUNICATION:**

03-141

AGENDA:

MARCH 24, 2003

SUBJECT:

PROFESSIONAL
SERVICES
AGREEMENT –
DES MOINES RIVER
OUTFALL &
OVERFLOW
PROJECT

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

SUBMITTED BY:

JEB E. BREWER, P.E.
CITY ENGINEER

WILLIAM G. STOWE
PUBLIC WORKS
DIRECTOR

**REVISED
ITEM 9**

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

SYNOPSIS —

Approving the Professional Services Agreement between the City of Des Moines and Stanley Consultants, Inc. (Gregs Thomopoulos, President, 225 Iowa Avenue, Muscatine, Iowa 52761), in conjunction with the Des Moines River Outfall & Overflow, Activity ID 01-2003-018, for Design Services, Right-of-Way Acquisition, and Construction Stage Services, in an amount not to exceed \$1,467,577 for the actual costs incurred for direct labor, indirect costs, and other direct costs. This does not include the fixed fee of \$128,112.

FISCAL IMPACT —

Compensation to the consultant is not to exceed \$1,595,689. Funding for these services is \$400,000 in Sanitary Sewer Funds, Capital Improvement Program (CIP) Index Code 372862 - Des Moines River Outfall and Overflow - Account 521020 - Fund EN104 - Organization ENG990000 - Project/Grant SAE119 with a transfer of \$1,195,689 from Relining Sanitary Trunk Sewers – CIP Index Code 374967 - Fund EN104 - Organization ENG990000 - Project/Grant SAE049 as interim funding until sanitary sewer bonds are sold in the summer of 2003.

RECOMMENDATION —

Approval.

BACKGROUND —

On January 6, 2003, by Roll Call No. 03-010, the City Council authorized the City Manager to proceed with the design process on the Des Moines River Outfall & Overflow, as well as three other projects. The three other projects being the Clark Street Sanitary Pump Station and the E. 20th Street Trunk Connector and the Southeast Ridge Trunk Sanitary Sewer.

City of Des Moines staff sent a Request for Qualifications (RFQ) to twelve consultants and posted the RFQ on the City of Des Moines website. Nine consultants submitted statements of Qualifications. A Selection Committee reviewed and evaluated the Statement of Qualifications that were submitted by the nine consultants. Based on

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specific qualifications, different consultants were selected for each of the four projects, with Stanley Consultants Inc. being selected for the Des Moines River Outfall & Overflow project. The review and negotiation of the proposed Professional Services Agreement for the Des Moines River Outfall & Overflow project has been completed. This agreement is one of the two projects being presented to the City Council for consideration on March 24, 2003. Total compensation to the consultant for this agreement totals \$1,595,689; however, the fee for the design services portion is \$1,098,843, with Right-of-Way and Construction services being optional requiring separate notices to proceed with fees being \$29,373.00 and \$467,473 respectively.

This project is in the Combined Sewer System (CSS) of the City of Des Moines and provides for the construction of a large outfall sewer (approximately 72" - 96" diameter) along the west side of the Des Moines River from Grand Avenue to south of Elm Street, a sewer crossing the Des Moines River, and continuing along the east side of the Des Moines River from Raccoon Street to the southside of Scott Avenue, and construction of a new combined sewer overflow structure south of Scott Avenue near SE 4th Street with a estimated project cost of \$16,500,000. The entire project will be designed at this time; however, only the section from Grand Avenue to the railroad bridge south of Court Avenue that is in conflict with the Principal Riverwalk project will be constructed as the first Stage.

The portion of this 72" to 96" diameter outfall sewer on the west side of the Des Moines River from Grand Avenue south to the railroad bridge south of Court Avenue will be in the same corridor and will be in direct conflict with the Principal Riverwalk Project unless properly coordinated. This outfall sewer must be constructed before the Riverwalk begins, and the City must therefore accelerate design and construction of the project. Stanley Consultants is part of the Principal Riverwalk Design Team and is also involved in coordination with the Corps of Engineers. Coordination of these projects is essential to their success. As the Civil Engineering Consultant on all these projects, Stanley Consultants will provide the common link, which should reduce conflicts, improve correspondence, customer service, cooperation, and coordination; ultimately reducing project cost. This was a major factor in selection of Stanley Consultants for this project.

A Wastewater Reclamation Authority (WRA) Facility Plan Update is underway, and the Des Moines River Outfall & Overflow project is critical work that has been identified in this Plan. This project is in conformance with the preliminary long-term combined sewer overflow control plan. This project will (1) construct a single overflow that will be designed to meet the nine minimum EPA requirements for the National Pollution Discharge Elimination System (NPDES) permit, (2) eliminate five existing overflows in the downtown area, (3) reduce floatables during combined sewer overflow events, and (4) decrease

the potential for upstream sanitary sewer overflows.