

CITY COUNCIL
COMMUNICATION:
N:

03-187

AGENDA:

APRIL 21, 2003

SUBJECT:

PROFESSIONAL
SERVICES
AGREEMENT
FOR DESIGN OF
CLARK STREET
PUMP STATION

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

SUBMITTED
BY:

JEB E. BREWER,
P.E.
CITY ENGINEER

WILLIAM G.
STOWE
PUBLIC WORKS
DIRECTOR

ITEM 7A

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

SYNOPSIS —

This action would approve the Professional Services Agreement between the City of Des Moines and Kirkham Michael Consulting Engineers (Ronald D. Less P.E., President, P.O. Box 542030, 12700 Dodge Road, Omaha, NE, 68154-8030), in conjunction with the Clark Street Sanitary Pump Station, Activity ID 01-2003-013, in an amount not to exceed \$248,182.92 for Design Services, Right-of-Way Acquisition, and Construction Phase Services for the actual costs incurred for direct labor, indirect costs, and other direct costs. This does not include the Fixed Fee of \$21,768.29.

FISCAL IMPACT —

Compensation to the consultant is not to exceed \$269,951.21. Funding for these services is included in the Clark Street Sanitary Pump Station - Page 7 Sanitary Sewer Improvements of 2003-04/2008-09 CIP, Account 544020, Fund EN104, Organization ENG990000, Project SAE114.

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 Clark Street Sanitary Pump Station.

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. Kirkham Michael Consulting Engineers was selected for the Clark Street Sanitary Pump Station project. The review and negotiation of the proposed Professional Services Agreement for the Clark Street Sanitary Sewer Pump Station project has been completed. Total compensation to the consultant for this agreement totals \$269,951.21, with design phase services at \$169,011.21. Separate Notices to Proceed will be issued for Right-of-Way phase services at

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\$8,550.00, and Construction phase services at \$92,390.00.

This project provides for the relocation and replacement of the Clark Street Sanitary Pump Station that was constructed in 1968. This existing pump station provides service to residents and businesses in the Central Place Area. This existing station is currently located in the Clark Street right of way about 18 inches from the north curb, and has been struck numerous times by vehicles. The WRA maintenance crews typically inspect the station several times each week. Since the station is near the curb and is adjacent to a business on private property, the WRA maintenance crew must utilize the north lane of Clark Street or the sidewalk and border area when servicing the pump station. During these inspections there is a reduction in site distance for traffic in the area of 2nd Avenue and Clark Street.

This existing station is a factory built underground pumping facility. As a result, there is minimal space inside the vault for any equipment that is not original and it cannot accommodate replacement pump station controls. In addition, because the equipment in the vault was installed in 1968, many of the replacement items are no longer available; and the WRA maintenance crews have had to retrofit parts in order to sustain operation. This station does not have a backup electrical power supply, which is required by the current City standards for new sanitary pump station designs; and there is not sufficient space at the existing site for these facilities (i.e. emergency power generator or secondary power service).

The site of the replacement pump station will be near the existing site in the area of Clark and Maine Streets. This is away from the turning traffic at 2nd Avenue and Clark Street, which will help increase visibility at the intersection and will provide safer conditions for the WRA maintenance crews during their frequent maintenance duties. The outlet for this new pump station will be redirected from the existing combined sewer in 2nd Avenue at Clark Street, to the 36" WRA interceptor sanitary sewer near Forest and Maine Streets. This new outlet will allow the separate sanitary sewer flows generated in the entire Central Place area to be conveyed to the separate sanitary sewer system rather than to the existing combined sewer system. This project is in accordance with the draft Combined Sewer Overflow Long Term Control Plan that is being developed and will be submitted by the City to Iowa Department of Natural Resources (DNR) in the near future. The City applied for State Revolving Loan Funds (SRF) and has recently been notified by the State that this project has qualified for the program. The current CIP sheet does not reflect the recent approval to utilize SRF funds.

