

COMMISSION FILE NO: 16-101-9 **DATE INTRODUCED:** September 12, 2016

INTRODUCED BY: Executive Director (Signature on File in the Office of the Commission)

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Award of Contract C98051C01, Conveyance Gate Rehabilitation Phase 3 Project, Contract TS-2634, Resident Engineering Services, and Approve Changes in Total Project Costs

SUMMARY:

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract C98051C01, Conveyance Gate Rehabilitation Phase 3 Project, to J. F. Ahern Company in the amount of \$2,738,000. J. F. Ahern Company was the lowest responsible, responsive bidder between two bids received.

Further, the Commission is requested to authorize the Executive Director to execute Contract TS-2634 with R.A. Smith National, Inc., for resident engineering services in an amount not to exceed \$120,000. R.A. Smith National, Inc., was the highest ranked available offeror, based on a qualifications-based selection method.

Further, the Commission is requested to increase the total project cost for Project C98051, Conveyance Gate Rehabilitation Phase 3 Project, by \$637,594 for an amended total project cost of \$3,712,733, and to make a corresponding change to the total project cost for Project M99001, Allowance for Cost and Schedule Changes.

The District owns 24 junction and 29 diversion chambers to control the flow of wastewater that enters the Inline Storage System or is sent to the Jones Island Water Reclamation Facility or the South Shore Water Reclamation Facility. These chambers are part of the District's major conveyance system improvements constructed in the late 1980's and early 1990's. Based on inspections performed by Veolia Water Milwaukee, LLC (VWM), some components in these chambers have deteriorated, are at or near the end of their useful service lives, and need to be replaced or rehabilitated. District staff has created a series of contracts to replace or rehabilitate these components based on their condition and criticality.

ATTACHMENTS: **BACKGROUND** ☐ **KEY ISSUES** ☐ **RESOLUTION** ☒
FISCAL NOTE ☒ **S/W/MBE** ☒ **OTHER** ☐ _____

OP_AW_C98051_ConvGate_legislative_file.docx
08-23-16

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Award of Contract C98051C01, Conveyance Gate Rehabilitation Phase 3 Project, Contract TS-2634, Resident Engineering Services, and Approve Changes in Total Project Costs

The District currently has seven junction chambers and two diversion chambers under construction in a separate Phase 2 contract. Under previous phases, the District has rehabilitated or replaced components in four junction chambers and two diversion chambers.

The purpose of the Conveyance Gate Rehabilitation Phase 3 Project is to provide an additional 20 years of service life to system components in the nine structures identified below. All work is located within the City of Milwaukee.

Structure Identification	Location	No. of Gate Cylinders or Accumulators
DC0405-1A & 1B (NS1)	5101 West Hampton Avenue	3 Cylinders
DC0504-1A & 1B (NS2)	3102 West Hampton Avenue	2 Cylinders
DG0804 (KK1) and KK1 Control Building	South 6th Street/West Cleveland Avenue	2 Cylinders 5 Accumulators
DG0805 (LMS)	South Lincoln Memorial Drive/East Russell Avenue (extended)	3 Cylinders
DG0807 (CT3/4)	4390 West Wells Street extended (from North 45 th /West State Streets)	2 Cylinders
DG0809 (CT7)	North 16th Street/West Canal Street	2 Cylinders
DG0810 (CT8)	South 3rd Street (extended)/West Seeboth Street (MMSD HQ)	2 Cylinders
DG0818 (KK2)	South 1st Street/South Chase Avenue (East side of Kinnickinnic River)	2 Cylinders
KK3 Control Building	South 4th Street/West Becher Street	8 Accumulators

Work at the sites includes replacement of hydraulic gate cylinders, hydraulic accumulators, gate positioners, hydraulic and electrical systems, and grating. Not all work is applicable to each structure. The contract duration is 18 months.

The low bid received by the District is more than budgeted, and staff requests to increase the total project cost accordingly. The increase is driven by the addition of the KK3 Control Building site after the 2016 budget was adopted. After the 2016 budget's adoption, VWM identified the need to replace the eight accumulators at the KK3 Control Building. This work was then added to the project.

SUMMARY (Cont'd)

Award of Contract C98051C01, Conveyance Gate Rehabilitation Phase 3 Project, Contract TS-2634, Resident Engineering Services, and Approve Changes in Total Project Costs

Consistent with the Agreement for Management, Operations, and Maintenance Services between the District and VWM, VWM will make an \$80,000 contribution to the District for this project.

There is not sufficient District staff to provide resident engineering services. Proposed Contract TS-2634 will supplement existing District resident engineers for this project.

RESOLUTION

Award of Contract C98051C01, Conveyance Gate Rehabilitation Phase 3 Project, Contract TS-2634, Resident Engineering Services, and Approve Changes in Total Project Costs

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that Contract C98051C01, Conveyance Gate Rehabilitation Phase 3 Project, is awarded to J. F. Ahern Company in the amount of \$2,738,000, and that the Executive Director is directed to execute a contract on behalf of the District.

FURTHER RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute Contract TS-2634 with R.A. Smith National, Inc., in an amount not to exceed \$120,000.

FURTHER RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the total project cost for Project C98051, Conveyance Gate Rehabilitation Phase 3 Project, is increased by \$637,594 for an amended total project cost of \$3,712,733, and that a corresponding change is made to the total project cost for Project M99001, Allowance for Cost and Schedule Changes.