

COMMISSION FILE NO: 21-104-7 **DATE INTRODUCED:** July 12, 2021

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

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Contract W40012D01, Engineering Services, Kinnickinnic River Reach 2 South 6th to 16th Street Final Design

SUMMARY:

The Commission is requested to authorize the Executive Director to execute on behalf of the District Contract W40012D01, Engineering Services, Kinnickinnic (KK) River Reach 2 South 6th to 16th Street Final Design, with Jacobs Engineering Group, Inc., (Jacobs) in an amount not to exceed \$2,748,524. Jacobs was the highest scoring proposer based on a qualifications-based selection method among six proposals received.

The District's KK River Watercourse Management Plan (KKRWMP) identifies the number of structures in the 100-year floodplain and further identifies projects planned for implementation within the watershed. One of the key stream reaches of the KKRWMP is the KK River Mainstem. The KK River Mainstem is divided into individual reaches, including KK River Reach 2. Reach 2 limits are from S. 6th Street to S. 27th Street, and the Reach 2 length is approximately two miles. Approximately 4,000 feet of the KK River Reach 2 flow between S. 6th Street and S. 16th Street in the City of Milwaukee (City). The river channel was lined with concrete by the District in the 1960's and is reaching the end of its useful life. This project will reduce flood risk to over 300 residential and commercial structures located in the floodplain.

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

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SUMMARY (Cont'd)

Contract W40012D01, Engineering Services, Kinnickinnic River Reach 2 South 6th to 16th Street Final Design

The KK River 6th to 16th Street Project (W40012) includes the following key elements:

- Replacing over 4,000 feet of concrete channel with a wider naturalized watercourse. The channel will be widened by about 140 feet.
- Obtaining all real estate within the widened channel corridor, including:
 - Acquiring and removing 83 homes (80 acquired to date).
 - Street and alley vacations (completed or in process).
- Performing voluntary acquisition or voluntary floodproofing of seven residential structures.
- Replacing six City-owned bridges (three vehicular and three pedestrian) with wider span bridges to accommodate the widened channel.
- Relocating City utilities to accommodate the widened channel.
- Installing maintenance and recreational trails along the naturalized watercourse.
- Installing green infrastructure at City-owned storm sewer outfalls.

Proposed Contract W40012D01 will perform engineering and design relative to many of the above elements. These elements are as follows:

- 4,000-foot concrete channel removal and naturalization.
- Three pedestrian bridges.
- Modifications to City watermains and storm sewers.
- Sewer structure modifications.
- Design of modifications to public rights-of-way where streets and alleys have been vacated.
- Maintenance and recreational trails.
- Green infrastructure.
- Floodproofing analysis.

Under Contract W40012D01, the consultant will perform the following tasks, relative to the above elements:

- Project management services.
- Preliminary and final design and engineering services, including preparation of up to four separate bid documents.
- Information development for obtaining permits and securing permits.
- Bid and award services.
- Engineering services during construction.
- Provide post-construction monitoring of the channel and vegetation establishment.

The City will prepare the design for the three vehicular bridges. The consultant will incorporate the bridge designs prepared by the City into the construction bid packages.

SUMMARY (Cont'd)

Contract W40012D01, Engineering Services, Kinnickinnic River Reach 2 South 6th to 16th Street Final Design

After the design work is complete, the District will publicly bid up to four separate construction contracts.

The duration for this contract is approximately nine years, including five years of post-construction channel monitoring and vegetation establishment services.

In 2019, the District entered into an intergovernmental cooperation agreement (ICA) with the City that defined the overall responsibilities and cost share between the District and the City for the work on the KK River 6th to 16th project. The proposed work under Contract W40012D01 fulfills some of the District obligations under the ICA.

The project will include extensive stakeholder and public feedback throughout the project. The District entered into a separate contract with the 16th Street Community Health Center (SSCHC) to perform community engagement, outreach, and educational programming for the KK River projects. The District and SSCHC will lead the stakeholder and public outreach for this project, with support provided by Jacobs under Contract W40012D01.

RESOLUTION

Contract W40012D01, Engineering Services, Kinnickinnic River Reach 2 South 6th to 16th Street Final Design

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute Contract W40012D01, Engineering Services, Kinnickinnic River Reach 2 South 6th to 16th Street Final Design, with Jacobs Engineering Group, Inc., in an amount not to exceed \$2,748,524.