

**COMMISSION FILE NO:** 18-010-1 **DATE INTRODUCED:** January 8, 2018

**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 M10004E01, District Engineering Services – Private Property Inflow and Infiltration Reduction Project

**SUMMARY:**

The Commission is requested to authorize and to direct the Executive Director to execute on behalf of the District Contract M10004E01 for District Engineering Services – Private Property Inflow and Infiltration (PPI/I) Reduction Project with Brown and Caldwell in an amount not to exceed \$1,424,000. Brown and Caldwell was the highest scoring proposer based on a qualifications-based selection method between two proposals received.

In February 2011, the Commission authorized the 2010-2020 PPI/I Reduction Program to reduce flows in the District collection system and reduce the risk of basement backups through mitigation of wet weather-induced sanitary sewer system inflow and infiltration (I/I) from private property sources. In support of the 28 satellite municipalities pursuing PPI/I reduction projects, the District also procured contracts for investigative, engineering, and public outreach services for District and municipal use.

As the current engineering contract expires, two requests for proposals were issued in 2017. From experience in administration of the current contract and through feedback from the municipalities, the contract was divided into a contract for District engineering services and a contract for municipal engineering services. This contract provides PPI/I Program-related engineering services primarily for the District.

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

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12-27-17

**COMMITTEE ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**COMMISSION ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

## **BACKGROUND**

### **Award of Contract M10004E01, District Engineering Services – Private Property Inflow and Infiltration Reduction Project**

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Engineering Contract M03063E02 was authorized by the Commission on November 15, 2010, to support the District and the municipalities in the implementation and execution of the PPI/I Reduction Program. The benefits of having a central District-procured contract for PPI/I engineering services are expedited implementation of projects, reduced costs due to economies of scale, and consistent project completion. Of the \$3 million amended value of the original contract M03063E02, \$1.5 million was used by 12 municipalities for private property planning, investigative, and construction-related engineering services. The District used \$1.5 million of the contract value for project performance evaluations, assembly of standard operating procedures, technical research, and project management. The District also supported municipalities by providing initial local policy development and initial work plan assembly delivered through contract M03063E02 at no cost to the municipalities.

Contract M10004E01 focuses on engineering services provided to the District in support of the PPI/I Program. Firms responding to the request for proposals were evaluated on skills specific to private property with experience on a national and global scale serving clients similar in characteristics and scale to the District. The evaluation team included two municipal members of the Technical Advisory Team and four District staff members.

Contract M10004E01 will be available for municipal use if the need arises for the high-level engineering services provided through this contract. This component is anticipated to be a minor part of the total contract value. Contract M10004E01 will be administered on a task order basis with sub-agreements defining scope and cost as engineering assignments arise.

In summary, contract M10004E01 is anticipated to be used for continued monitoring and evaluation of completed projects, planning and design for pilot projects, advising on technical issues, research on emerging technologies, policy advisement, support of District-led public outreach efforts, and coordination with the engineering firm awarded the municipal engineering contract M10004E02. Major tasks for the contract are as follows:

- A. Standard Processes and Procedure Standardization
- B. Ongoing Monthly Project Management
- C. Policy and Program Development
- D. Technical Advising
- E. Flow Monitoring, Hydraulic Modeling, and Evaluation
- F. Design Services
- G. Public Communication and Education
- H. Surveying
- I. Coordination with Municipal Work Completed Under Separate Contract M10004E02

## **BACKGROUND (Cont'd)**

### **Award of Contract M10004E01, District Engineering Services – Private Property Inflow and Infiltration Reduction Project**

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Contract M10004E02 for municipal engineering services is presented to the Commission for award under a separate document. Coordination tasks are included in both contracts for continuity of work, administration, and data collection. For administrative efficiency, the balance of the current PPI/I public outreach Contract M03063E03 (\$124,000) held by Brown and Caldwell has been incorporated into this contract. The current public outreach contract M03063E03 will be terminated.

Contract M10004E01 is included in the total project cost of Project M10004 as approved through the 2018 budget. This award does not change the total project cost.

The duration for contract M10004E01 is estimated to be five years contingent on municipal and District use of the contract.

## **RESOLUTION**

Award of Contract M10004E01, District Engineering Services – Private Property Inflow and Infiltration Reduction Project

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**RESOLVED**, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized and directed to execute Contract M10004E01 for District Engineering Services-Private Property Inflow and Infiltration Reduction Project with Brown and Caldwell in an amount not to exceed \$1,424,000.