



Preserving The Environment •  
Improving Water Quality

**STATEMENT OF QUALIFICATIONS (SOQ) FOR  
CONDITION ASSESSMENT OF DUCTILE IRON FORCE MAIN PIPES**

**CONTRACT NO. C02008P01**

The Milwaukee Metropolitan Sewerage District (District) invites service providers that provide pipe assessment and evaluation services to submit a Statement of Qualifications (SOQ) demonstrating experience with assessing the condition of sewer force main pipes. The District has a need to obtain a condition assessment for two ductile iron force main pipes. The District understands that there are a variety of strategies for obtaining such a condition assessment, and is seeking additional information. Service providers are asked for information regarding strategies for analyzing the existing condition of two ductile iron force main pipes. The District needs to account for the accurate measurement of the current pipe wall thickness for the entire length of each force main, rates of corrosion and any other forms of pipe degradation. These issues should be addressed in the submission. The submission should also identify the means strategies for managing foreseeable pipe defects and developing recommendations for remedial action.

**SUMMARY**

The District is seeking a information from service providers experienced in identifying high risk pipes for which a failure could lead to extensive service disruptions or environmental damage. The District would like to gather information on how a service provider would perform a condition assessment on two separate ductile iron force main sewer pipes:

- (1) The Greenfield Park Force Main Sewer. Construction date: 1984; Length: 2,833 feet; Diameter: 24 inches; usually used only during wet weather.
- (2) The Franklin – Muskego Force Main Sewer. Construction date 1984. Length: 3,524 feet (Diameter 24 inches); Length: 114 feet (Diameter 20 inches); Length: 7,065 feet (Diameter 30 inches).

See Attachment A for as-built drawings and specifications.

The purpose of this SOQ is to allow the District to evaluate one or more proposed approaches and the qualifications of service providers that will provide the most accurate assessment approach of the condition of these two ductile iron force main sewer pipes. The District will thoroughly review each statement of qualifications and use the information received as the basis for future procurement processes.

**SUBMITTAL REQUIREMENTS**

Service providers wishing to be considered in the selection process are asked to submit four (4) copies of their SOQ **no later than 1:00 pm, local Milwaukee time, March 1, 2012** to:

<b>Mr. James P. Morgan Senior Contract Administrator Milwaukee Metropolitan Sewerage District 260 West Seeboth Street Milwaukee, WI 53204-1446</b>	
<b>Project Name:</b>	<b>CONDITION ASSESSMENT OF DUCTILE IRON FORCE MAIN PIPES</b>
<b>District Contract No.:</b>	<b>C02008P01</b>
<b>Submittal Date:</b>	<b>March 1, 2012</b>
<b>Firm Name:</b>	_____

The SOQ package shall be plainly marked with your organization's name in the lower left corner of the cover as follows:

<b>CONDITION ASSESSEMENT OF DUCTILE IRON FORCE MAIN PIPES SOQ No. C02008P01 Submittal Date: March 1, 2012 Submitted by: _____</b>
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SOQs received after the designated time will not be considered in the selection process and will be returned unopened. The District reserves the right to accept or reject any or all SOQs and to waive informalities or irregularities in the selection process of the most qualified approaches received.

This SOQ is located in the Procurement section of the District's web site at [www.mmsd.com](http://www.mmsd.com).

If it becomes necessary to revise any part of this SOQ or otherwise provide additional information, an addendum will be issued by the District and will be available on the District's Web site at [www.mmsd.com](http://www.mmsd.com), Procurement Page, Procurement Opportunities Page, RFQ, Contract No. C02008P01.

SOQs shall be signed and shall include the organization's name, address, telephone number, and the name of the person authorized to submit/sign the SOQ, along with his/her title and telephone number.

**The District is subject to Wisconsin's Open Records law. All information submitted to the District will become a public record and may be subject to disclosure pursuant to a public records request. "Trade Secret" information may be kept confidential, as that term is defined by Wisconsin law. Any "Trade Secret" information must be clearly marked at the time of submission.**

### **EVALUATION CRITERIA AND SCHEDULE**

SOQs received will be evaluated based on the service providers' ability to perform the scope of work, the effectiveness and the estimated cost of the assessment technologies, analytical methodologies proposed; and the service providers' previous experience in providing similar services.

The following is the proposed schedule for this project:

February 2, 2012	Issue SOQ
February 15, 2012	Pre-SOQ Meeting at District Headquarters—10:00 a.m.
<b>March 1, 2012</b>	<b>Deadline for Receipt of SOQ—1:00 p.m.</b>
March 16, 2012	Review by Committee

### **SCOPE OF SERVICES**

The District has a need to obtain a condition assessment for two ductile iron force main pipes. The District understands that there are a variety of strategies for obtaining such a condition assessment, and is seeking additional information. Service providers are asked for information regarding strategies for analyzing the existing condition of two ductile iron force main pipes. The District needs to account for the accurate measurement of the current pipe wall thickness for the entire length of each force main, rates of corrosion and any other forms of pipe degradation. These issues should be addressed in the submission. The submission should also identify the means strategies

for managing foreseeable pipe defects and developing recommendations for remedial action.

The two force main pipes to be analyzed are:

- (1) The Greenfield Park Force Main Sewer. Construction date: 1984; Length: 2,833 feet (Diameter: 24 inches); usually used only during wet weather.
- (2) The Franklin – Muskego Force Main Sewer. Construction date 1984; Length: 3,524 feet (Diameter: 24 inches); Length: 114 feet (Diameter 20 inches); Length: 7,065 feet (Diameter: 30 inches).

Scope items for the condition assessment are:

1. Identification of one or more condition assessment technologies and an analytical methodology, including a discussion of alternative technologies (both the assessment and analytical technology) and reasons for selecting the preferred alternative. More than one technology or methodology may be selected. Data collection techniques may include direct observation or remote investigation. Data analysis shall be sufficient to determine structural, operational and performance status. Cost effectiveness is a key factor in the selection process.
2. The following information regarding each selected condition assessment technology and analytical methodology shall be provided as part of this SOQ:
  - 2.1 Description of procedures for conducting the condition assessment task
  - 2.2 Description of assessment technology (ies) to be used, and any related or pertinent specifications
  - 2.3 Description of the analytical methodology (ies) to be used to interpret data and information collected
3. The access needed for investigating the pipe
4. General budget-level project cost estimates, allocated to the following categories:
  - 4.1 Inspection / condition assessment
  - 4.2 Data analysis and interpretation
  - 4.3 Report presenting conclusions and recommendations and a presentation (PowerPoint) of the project outcome including assessment results, data analysis, conclusions and recommendations to the District.

### **SOQ SUBMITTAL FORMAT**

The District requests that the SOQ be formatted into the sections listed below and that addresses, but is not limited to, the areas listed within those sections.

1. ORGANIZATION

- 1.1 Overall team structure indicating company names, potential Project Manager and key individuals
- 1.2 Brief description of each firm
- 1.3 Resumes of project manager and key individuals.

2. EXPERIENCE/QUALIFICATIONS

- 2.1 Address items as shown in the scope of services
- 2.2 Location, history, experience, and references (including owner) of condition assessment on ductile iron force main sewer pipe
- 2.3 Provide details for condition assessment projects completed on ductile iron force main sewer pipe in the past five (5) years. Details include pipe sizes, lengths, findings and recommendations.

**QUESTIONS REGARDING THIS SOQ**

For administrative questions regarding this SOQ, please contact James Morgan. For technical questions, please contact Mr. Urbain Boudjou at (414) 225-2159 or [uboudjou@mmsd.com](mailto:uboudjou@mmsd.com).

By: James P. Morgan Date 2/2/12  
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**ATTACHMENT A**

**REQUEST FOR STATEMENT OF QUALIFICATIONS (SOQ) FOR  
CONDITION ASSESSMENT ON DUCTILE IRON FORCE MAIN PIPES**

**CONTRACT NO. C02008P01**

**Greenfield Park and Franklin – Muskego Force Main Pipes  
As Built Drawing and Specifications**

Please see the attached PDF files Attachments A1-A4.

The following additional Attachment A documents (as part of this SOQ) will be available on Friday, February 3, 2012:

- Greenfield Park FM Plans, Specifications and Geotechnical Report
- Franklin –Muskego FM Plans, Specifications and Geotechnical Report