

MMSD Planned Consultant RFPs*			
April 1, 2025 - March 31, 2026			
Contract # (if known)	Contract Name and Scope	Advertise Quarter	Advertise Year
TS-2727	On-Call Weld Inspection and Engineering Services - On Call services to provide weld testing, weld inspection, review weld procedures, develop welding specifications and other welding related services as requested.	1	2025
K01017D01	Conveyance System PLC & Control Upgrades - Engineering services for a new control platform for the Conveyance SCADA System. The control platform will be implemented for the Jones Island WRF master site (Building 279), approximately 165 Conveyance sites currently with Siemens PLCs, and approximately 150 Conveyance sites without Siemens PLCs. The new control platform will include site, physical security, cybersecurity, HMI, and Historian improvements recommended by project M03112, Instrumentation and Control Planning. Applications Engineering for PLCs and HMI will be included in this design contract.	2	2025
W98007P01	Culvert Condition Assessment and Prioritization (O&M) - O&M services to perform PACP evaluations of District culverts for which videos exist; develop a workflow for addressing identified defects, including the type of work needed to be performed; and develop a workflow for identifying what internal District workgroups will implement resulting projects.	2	2025
J01031D01	Primary Sludge Pumping & Scum Processing - Engineering services to replace the primary sludge/scum pumping and scum processing equipment in Facility 203 (Preliminary Treatment) and 267 (Primary Treatment Gallery). The scope will include the replacement of the 16 air-operated diaphragm sludge/scum pumps, and the scum dewatering screens and scum presses. The replacement pump types and scum processing technology will be evaluated.	2	2025
S04040E01	South Shore Dewatering and Drying Facility - Biosolids Dryer Technology Evaluation. Consultant services to build upon the dryer technology recommendations from the 2050 Facilities Plan and Biosolids Advanced Facilities Plan. The scope will be comprised of identifying all dryer vendors capable of producing the desired product specifications and execute pilot projects with vendors to verify design assumptions related to feed conditions, product quality, energy use, process efficiency, waste production, safety, operations, pathogen reduction, and permit compliance.	2	2025

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J04084D01	DD Ferric Chloride and Polymer System Upgrades - Engineering services for ferric chloride and polymer feed system upgrades in the Dewatering & Drying Facility (Building 258). Ferric Chloride System - pumps, motors, variable frequency drives, valves, strainers, piping, drain system, electrical, instrumentation, and controls. Polymer System - Pumps, valves, strainers, piping, electrical, instrumentation and controls.	2	2025
M03122P01	High Rate Treatment Feasibility Study - Planning study to evaluate Hight Rate Treatment (HRT) capacity needs, locations, location feasibility, permit considerations, impacts on energy and sustainability, and climate risk mitigation. The planning study with also conduct a technology alternatives analysis, conduct a life-cycle assessment, and evaluate system impacts. Findings from the planning study may lead to subsequent project phases, such as: preliminary engineering, design, construction, and post construction.	2	2025
S02019D01	Pickle Liquor Building 337 Roof Replacement - Engineering services for concrete slab restoration, waterproof membrane installation and associated site work to restore roof of Building 337.	2	2025
J01032D01	ISS Pump VFD & Switchgear Replacements - Engineering services to replace the VFDs for all three 5,500 HP inline storage system (ISS) pumps and one medium voltage switchgear at JIWRF.	2	2025
C98063E03	MIS Siphons Preliminary Engineering - Preliminary engineering services to develop plans and specifications for the condition assessment of selected inverted siphons and pressurized pipes and providing recommendations for mitigation actions following the condition assessments.	2	2025

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I03012E01	CSO 260 Improvements - Planning and preliminary engineering services to develop alternatives and evaluate how to achieved overflow reduction or elimination of CSO 260 from the 84-inch storm sewer outfall to the Kinnickinnic River.	2	2025
W20035E01	County Grounds Basins Wildlife Enhancements - Engineering services to design enhancements to the flood storage basins at County Grounds to improve habitat for wildlife.	2	2025
L09003D01	Laboratory Remodel - The project's scope involves fully reconstructing each lab room to enhance its functionality for the lab staff. The design contract will deliver a new layout tailored to modern work environments. The project will include an analysis of the current condition of all Mechanical, Electrical, and Plumbing (MEP) equipment, and will provide recommendations regarding their remaining useful life or the need for replacement. The designer will also prepare a comprehensive bid package for a future construction contract.	2	2025
W24004E02	Honey Creek Reach 4 - McCarthy Park to Morgan - Preliminary Engineering for the removal of concrete and the restoration of a naturalized channel along approximately 8,500 feet of Honey Creek from West Arthur Avenue upstream to West Morgan Avenue. Additionally, the scope covers preliminary engineering to mitigate flood risk of 11 structures from West Oklahoma Avenue upstream to West Morgan Avenue, as well as 30 structures in the McCarty Park area, where debris accumulation on the trash rack at the entrance to the downstream Honey Creek culvert has been a concern.	3	2025
W29002D01	Burnham Canal Wetland Design - Engineering services to design a wetland that will provide habitat for fish and wildlife and provide recreational amenities in Burnham Canal.	3	2025

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C02010E03	Franklin/Muskego Force Main Condition Assessment - Preliminary engineering services to develop plans and specifications for the assessment of 10,680 LF of 20- to 30-inch diameter force main.	3	2025
M10006E01	PPII Research and Development - Planning, research, and design of strategies to collect pre construction and post construction data for PPII projects. Data analysis of existing and new data to determine effectiveness of PPII projects. Develop strategies to implement new and emerging technologies for I&I identification and reduction from private property sources.	3	2025
J06032D01	Geotechnical/Structural Analysis of JIWRF - Structural and Architectural Evaluation of facilities supported by wooden piles at the Jones Island Water Reclamation Facility.	3	2025
S06055D01	Secondary Clarifier Batteries 1,2,3, 4 Walkways Rehabilitation - Engineering services for the rehabilitation of north-south concrete walkways that run through the centers of Secondary Clarifier Batteries 1, 2, 3 and 4 (four total walkways) at SSWRF.	3	2025
S04042D01	DAF Support System Rehabilitation at South Shore WRF - Engineering services for the rehabilitation of the Dissolved Air Flotation (DAF) support systems in Bldg 358 at SSWRF. Support systems include the polymer system, TWAS piping, and drain piping.	3	2025

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C07037D01	South Shore Force Main Improvements - Engineering services for the rehabilitation of a 48" diameter force main. Proposed rehabilitation includes heavy cleaning, televising, spot repairs at nine locations, and structural lining of approximately 320 feet of the force main. Construction of new access structures will also be required.	3	2025
C01007D01	South Howell Avenue MIS Relief - Engineering services for the design of approximately 5,000 LF of relief sewer in South Howell Ave, south of East Layton Ave. Services include hydraulic modeling, alternative analysis, site investigations and preparation of bid documents.	3	2025
M06019P01	CMMS Implementation - Engineering services for the selection, procurement, and implementation of a computerized maintenance management system with enterprise asset management capabilities that will be used to manage the maintenance and asset management functions for all MMSD's asset systems.	3	2025
J06091D01	Jones Island Water Reclamation Facility O&M Manual Updates - Review existing Plant Part II O&M Manuals, determine which need to be updated, and develop a procedure for updating them.	4	2025
J06104E01	New Turbine Generators - Alternative 3 of the M03109 Energy Plan Final Planning Report recommends to design and install two new additional turbine generators at JIWRF. The Preliminary Engineering (PE) phase will consist of a PE study that includes evaluating the installation of two new Solar turbine generators at JIWRF, evaluation the existing Solar turbine generators and support systems to ensure their long term reliability, among other things.	4	2025

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S06051D01	South Shore Water Reclamation Facility O&M Manual Updates - Review existing Plant Part II O&M Manuals, determine which need to be updated, and develop a procedure for updating them.	4	2025
I98007P02	ISS Ventilation and Odor Study: Odor Evaluation Phase - After airflow modeling identifies the future of the ISS' Mechanical ventilation assets, conduct the odor evaluation phase of the project. Execute odor sampling plan to profile odors and populate a recommended air dispersion model. Construct odor dispersion model of the ISS exhaust points and populate the odor sampling data and airflow data under various scenarios. Use this constructed model and its outputs to identify priority odor locations. Determine and document capital project recommendations for the priority odor locations that best mitigate odor risk.	4	2025
G98033D01	Tory Hill Street Overpass - Design and construct green infrastructure within the Tory Hill Street Overpass area. The project would entail working with WisDOT and City of Milwaukee along with other local stakeholders to create green infrastructure alternatives and eventually construct the preferred alternative.	4	2025
W24012D01	Honey Creek MIS Rehab - Engineering services for the abandonment and/or rehabilitation of approximately 5,700 LF of interceptor sewers to coordinate with separate project being completed by Army Corp of Engineers.	1	2026
J04085D01	Main Stack and Inlet Plenum Evaluation and Rehabilitation - Structural evaluation of the masonry and plenum of the main Jones Island Water Reclamation Facility Smoke Stack.	1	2026

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S06054D01	SSWRF Feeder LCUS and MCC Replacement - Engineering services to replace one load center unit substation (LCUS), two main distribution panels, 29 motor control centers (MCCs), and 42 feeder cables to MCCs. Some MCCs will be replaced with new MCCs, while others may be replaced with new switchboards where the existing MCCs no longer contain any starters or other motor control equipment, and some may be removed. The MDPs will be replaced in kind. The LCUS, MCCs and cables will be replaced with consideration for future loads.	1	2026
S01017D01	Primary Effluent Sampling Relocation - Engineering services to relocate the existing primary effluent sample collection points from the Aeration Distribution Conduit on the south side of the Aeration Galleries to the Primary Effluent Channel on the north side of the Primary Clarifiers.	1	2026
S06063E01	Digester Gas Cleaning Storage and Interplant Pipeline - The scope of this project includes a preliminary engineering analysis to evaluate cleaning Digester Gas (DG) to Natural Gas (NG) standards, resulting in Renewable Natural Gas (RNG). The preliminary engineering analysis will also evaluate DG/RNG storage, as well as an interplant pipeline between South Shore and Jones Island to provide additional operational flexibility. The outcome of the Preliminary Engineering phase will be a report with a recommended Capital Improvement Plan (CIP).	1	2026
C98071E01	Conveyance Solar Panels - Preliminary Engineering services to evaluate the technologies, feasibility, procurement requirements, installation, operation and maintenance requirements to install solar panels at various Conveyance sites.	1	2026
<i>*All schedules are estimates and subject to change. This list will be updated quarterly.</i>			