

City of Chicago Department of Water Management

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Deputy Commissioner



Overview of DWM



Chicago Water System

What we do

- 🔥 **Monitor Lake Michigan water quality 24/7**
- 🔥 **Drinking water treatment**
 - 🔥 Water Quality (Microbiology, Chemistry, & Microscopy) & Water Treatment
- 🔥 **Water distribution system maintenance**
 - 🔥 Water Pumping, Operations & Distribution, & Engineering
- 🔥 **Combined sewer system maintenance**
 - 🔥 Operations & Distribution, Engineering
- 🔥 **Transmit waste water to the Metropolitan Water Reclamation District of Greater Chicago**

Chicago Water System

Water Asset Management

- 🔥 2 Crib Structures
- 🔥 2 Largest Water Plants of the Top 10 in the World
- 🔥 12 Pumping Stations
 - 🔥 9 Electric & 3 Steam Powered
 - 🔥 No Elevated Storage -
 - 🔥 Pump “On Demand”
- 🔥 4,300 Miles of Water Mains
- 🔥 48,500 Fire Hydrants
- 🔥 48,500 Water Valves



Chicago's Sewer System

- 💧 Combined Sewer System
- 💧 230 square miles of drainage area
- 💧 4,450 miles of sewer mains ranging in diameter from 8"- 21.5'
- 💧 205,000 catch basins
- 💧 150,000 manholes
- 💧 184 Combined Sewer Overflows

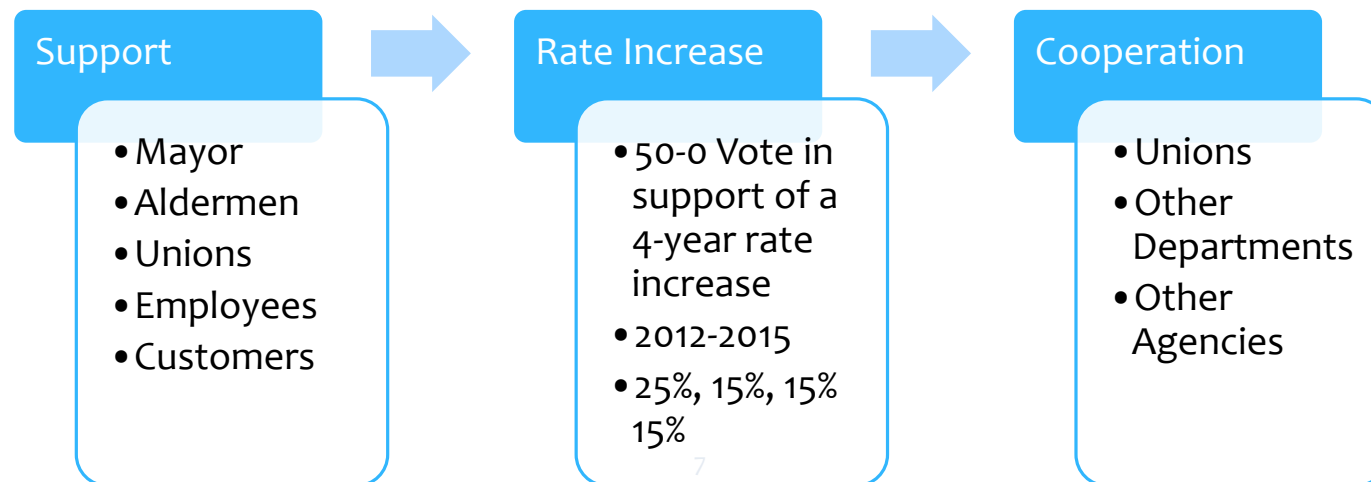


10-Year Capital Improvement Program



10-Year CIP Goals

- * Replace 880 miles water main
- * Rehab ~700 miles of sewer
- * Line 95,000 structures
- * Design 4 pumping station conversions
- * Convert 3 pumping stations
- * Install >200,000 water meter



What's on Tap?



Upcoming Water Projects

Advertising 2019

- Professional Structural Engineering Design
 - Structural Design Engineering
 - \$5M / 60 months
- Job Order Contract: Electrical, Mechanical and Civil Engineering
 - MEP JOC
 - \$25M / 60 months
- New Construction
 - SWPP-Low Lift Pump, Chemical Building/Garage Roof Project
 - \$15,400M / 60 months
- Design Consulting Services
 - New Design RFQ
 - \$5M / 60 months



Water Improvement Projects

Advertising Fall 2019

Upcoming 12-Month Duration

- 💧 \$5M: 9 projects
- 💧 \$15,400M: 1 projects
- 💧 \$25M: 1 projects

DWM MBE/WBE Subcontracting Opportunities

- 💧 Electrical
- 💧 HVAC
- 💧 Materials Testing
- 💧 Asphalt Placement
- 💧 Trucking
- 💧 Landscaping
- 💧 Concrete
- 💧 Pipe Installation



Upcoming Sewer Projects 2019

Sewer Improvement Projects

- 84th MWRD Sewer Connection Project
- Beach and Midway
- Blackstone
- Garfield Ridge
- Higgins
- Jackson Blvd. and Fifth Ave.
- Northwest Highway
- Devon Ave.
- West Rogers Park
- Ridge Blvd.
- W. Lawrence Ave.
- N. Cicero
- Normal Ave.

Ancillary Sewer Construction Program

- Sewer Installation, Drain Connections, Excavation, Trucking, Materials, Traffic Control

Sewer Improvement Projects

Advertising Fall 2019

Upcoming 12-Month Duration

- 💧 \$1-2M: 1 projects
- 💧 \$2-3M: 1 projects
- 💧 \$3-5M: 4 projects
- 💧 \$5-10M: 3 project
- 💧 \$10-20M: 1 project
- 💧 TBD - 3

DWM MBE/WBE

Subcontracting Opportunities

- 💧 Sewer Construction/Tunneling
- 💧 Cleaning
- 💧 Televising
- 💧 Materials Testing
- 💧 Asphalt Placement
- 💧 Trucking
- 💧 Landscaping
- 💧 Concrete

Future Projects

- 🔥 Advertising: 2019

- 🔥 Lakeview Pumping Station Façade & Switchgear Upgrades

 - 🔥 \$10M-15M / 18 months



- 🔥 Water Main Construction (3)- Pressure & Service Connections, Duct Packages, Re-mobilization

 - 🔥 Cost: \$14K-\$47K

- 🔥 Ancillary Sewer Construction Program

 - 🔥 Cost: \$40M over 2 years



MBE/WBE Participation

- 🔥 Enforce contract requirements:
 - 🔥 25% Minority Owned Business
 - 🔥 5% Women Owned Business
- 🔥 DWM contract segmentation



One citywide contract divided into 5 zones

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Note: All bid advertisements, addenda, upcoming workshops, events, new policies, and procedures that affect vendor community.



Questions?



DPS DEPARTMENT OF
PROCUREMENT
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Thank You For Attending

For more information visit: www.cityofchicago.org/procurement

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