Business Item

Environment Committee

Committee Meeting Date: February 13, 2024 **For the Metropolitan Council:** February 28, 2024

Business Item: 2024-43

Purchase of Bulk Ferric Chloride, Contract 23P153

District(s), Member(s):	All
Policy/Legal Reference:	FM 14-2 Expenditures for the Procurement of Goods, Services, and Real Estate Policy
Staff Prepared/Presented:	Joseph Ward, Assistant Manager Process Engineering, R&D, and Air Quality, 651-602-8302
Division/Department:	MCES, Operational Support Services

Proposed Action

That the Metropolitan Council authorize its Regional Administrator to award and execute contract 23P153 with Hawkins, Inc. to provide bulk ferric chloride at MCES Wastewater Treatment Plants in an amount not to exceed $6,990,000.

Background

Ferric chloride (ferric) is an important chemical used at the Blue Lake, Empire, and Rogers Wastewater Treatment Plants (WWTPs) for several reasons. The greatest use of ferric is to reduce struvite and hydrogen sulfide formation in anaerobic digestion at Blue Lake and Empire. Use at Empire also provides benefits to primary clarification and gravity thickening performance. Rogers relies on ferric addition for phosphorus removal to meet its effluent discharge limits. Blue Lake and Empire also use ferric for liquid train phosphorus removal periodically.

An Invitation for Bids was advertised on November 7, 2023. Council staff facilitated a public pre-bid meeting that outlined the solicitation requirements, discussed project specifications, and responded to plan holder inquires. There were five registered plan holders, three suppliers, one plan room, and one regional wastewater treatment plant.

Procurement facilitated a public bid opening on December 13, 2023, and received two bids. Bids ranged from $6,231,000 to $6,603,000. Hawkins, Inc. was determined to be the low, responsive, responsible bidder and is being recommended for award.

This contract will be for a period of two years with an option to extend for three additional one-year periods. The total cost for this service during the term of the contract is dependent on ferric usage in the wastewater treatment processes, which is estimated at approximately 465,000 gallons. The not to exceed amount includes the estimated cost for the Council to exercise all additional contract extension options.

Rationale

The execution of a service contract exceeding $500,000 requires Council approval.

Thrive Lens Analysis

This action advances the Thrive outcome of stewardship. Public financial resources will be invested efficiently and effectively to maintain proper operation of the Metropolitan Disposal System which protects the region's natural resources.

Funding

Funds are available in the Blue Lake, Empire, and Rogers operating budgets.

Small Business Inclusion

The Office of Equity and Equal Opportunity (OEEO) thoroughly reviewed this procurement for Metropolitan Council Underutilized Business (MCUB) opportunities in accordance with federal and state laws and regulations as well as contract specifications. Upon conclusion of OEEO's research and analysis, no MCUB goal was set.

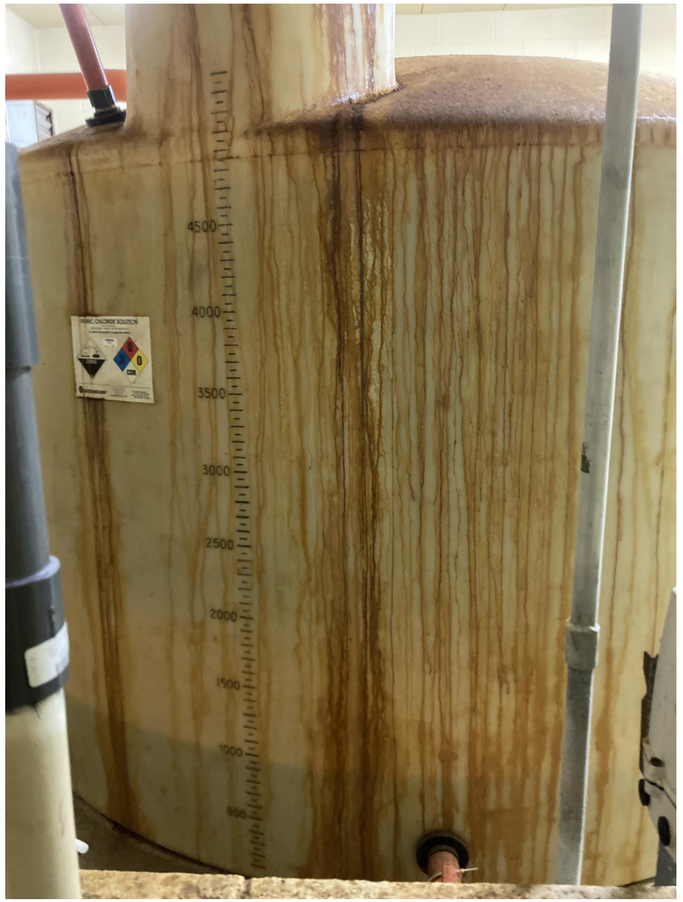
Business Item 2024-43: Bulk Ferric Chloride Contract 23P153

Joseph Ward, Assistant Manager, Process Engineering, R&D, and Air Quality

Environment Committee: February 13, 2024

METROPOLITAN COUNCIL

What is ferric chloride?



METROPOLITAN COUNCIL

How is ferric used at Blue Lake?

How is ferric used at Empire?

How is ferric used at Rogers?

METROPOLITAN COUNCIL

Background

- Invitation for Bids (IFB)
  - Advertisement – November 7, 2023
  - Public Bid Opening – December 13, 2023
  - 2 bids received
  - Low responsive bid from Hawkins, Inc.
- 2-year contract with 3 optional 1-year extensions
- Total award not to exceed $6,990,000
- Office of Equity and Equal Opportunity did not set a Metropolitan Council Underutilized Business (MCUB) goal

Proposed Action

- That the Metropolitan Council authorize its Regional Administrator to award and execute contract 23P153 with Hawkins, Inc. to provide bulk ferric chloride at MCES Wastewater Treatment Plants in an amount not to exceed $6,990,000.

Questions

Joseph Ward

Assistant Manager, Process Engineering, R&D, and Air Quality

651-602-8302

Joseph.Ward@metc.state.mn.us

METROPOLITAN COUNCIL