

Environment Committee

For the Metropolitan Council meeting of December 23, 2020

Subject: Metropolitan Wastewater Treatment Plant Secondary Improvements, Contract 20P228, Project #808930

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to award and execute Construction Contract 20P228 for MCES Project 808930 Metropolitan Wastewater Treatment Secondary Improvements with Shank Constructors, Inc., in the amount of \$32,388,600.

Summary of Committee Discussion/Questions

Committee Member Sterner inquired as to the durability of ceramic versus membrane diffusers. Staff clarified that ceramic diffusers have a longer life expectancy than membrane diffusers if properly maintained. Membrane diffusers retain their efficiency through air bumping that removes the settled sludge. Membrane diffusers are half the cost of ceramic diffusers. A business case evaluation was completed during design that recommended membrane diffusers.

Committee Member Sterner inquired if there is a way to obtain more bids for a more competitive bidding process. Staff clarified this project was bid earlier this spring and the bid opening date extended to accommodate bidders. All bids were rejected because OEO requirements were not met. This is the second time this project was bid. Eight additional aeration tanks were added to the original scope of work. During bidding several prime contractors purchased the bid set and all questions and comments were answered.

Environment Committee

Meeting date: December 8, 2020

For the Metropolitan Council meeting of December 23, 2020

Subject: Metropolitan Wastewater Treatment Plant Secondary Improvements, Contract 20P228, Project #808930

District(s), Member(s): Council District 13, Council Member Chai Lee

Policy/Legal Reference: Council Expenditure Policy 3-3, Procurement of Goods and Services

Staff Prepared/Presented: Tim Amstutz, 651-602-1221

Division/Department: MCES c/o Leisa Thompson, 651-602-8101

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to award and execute Construction Contract 20P228 for MCES Project 808930 Metropolitan Wastewater Treatment Secondary Improvements with Shank Constructors, Inc., in the amount of \$32,388,600.

Background

This project provides for construction of the following at the Metropolitan Wastewater Treatment Plant:

- 1) Aeration Tank Diffuser Replacement
- 2) Aeration Control Upgrades
- 3) Underdrain and Meter Pit Rehabilitation
- 4) Final Settling Tank Backfill Gate Installation
- 5) Air Header Leak Repair Assembly

The Invitation for bid (IFB) was advertised on October 1, 2020. Procurement facilitated a public bid opening on November 3, 2020. One bid was received. Shank Constructors, Inc. bid was in the amount of \$32,388,600. The engineer's estimate was \$50,774,703. This project is financed by a loan from the Minnesota Public Facilities Authority and has a disadvantaged business participation goal of 2%. The Office of Equal Opportunity determined that the bid from Shank Constructors, Inc. meets the numerical goals for this contract. Shank Constructors, Inc. bid was responsive and responsible.

Rationale

Construction Contracts exceeding \$2,500,000 in value require Metropolitan Council authorization.

Thrive Lens Analysis

This action advances the Thrive Outcome of Stewardship by efficiently and effectively preserving our regional wastewater treatment plant assets.

Funding

Funding is provided in the 2020 Authorized Capital Program.

Known Support / Opposition

None