

Environment Committee

For the Metropolitan Council meeting of April 28, 2021

Subject: Metro Lime Kiln Dust, Contract 20P299

Proposed Action

That the Metropolitan Council authorizes the Regional Administrator to award and execute a contract to Omni Materials Inc. for lime kiln dust delivered to the Metropolitan Wastewater Treatment Plant. This contract will be for a period of four years with a total procurement not to exceed \$1,476,000.

Summary of Committee Discussion/Questions

Committee Member Vento inquired if the project poses environmental, human risk, or side effects due to exposure. Staff stated processes are in place to assure proper protection of staff and it is delivered directly into the silo. No one is in direct contact with the lime kiln dust.

Committee Member Vento asked if there is specific training done to help staff. Staff stated there is training to assure safety measures are following and proper PPE used.

Committee Member Vento stated she hopes manufacturers are researching and considering safe options for the environment and humans.

Committee Member Sterner inquired if this is the correct product for use or if another option is available. Staff clarified that the question was about both (1) the mixture of lime kiln dust, Metro solids, and Metro incinerator ash and (2) Metro Incinerator ash. Staff noted, with regards to the Metro incinerator ash, a research project is underway to evaluate use of ash as a fertilizer.

Committee Member Sterner asked if this goes to a particular landfill. Staff stated it goes to SKB in Rosemount.

Committee Member Sterner asked if the current contract compares to the new amount. Staff stated we under the current contract, we are paying \$82 per ton. With each two-year period during the contract, there is typically a \$2 per ton increase.

POST MEETING ADDENDUM: Staff offered further clarification regarding Committee Member Sterner's question related to mixture. The land application of the material is specifically not authorized under the Metro Plant NPDES permit. In addition, the Metro Plant does not have facilities to support a biosolids land application program. Lime kiln dust is used within loadout and landfill of excess sludge for incinerator backup. The landfill requires the material meet the Minnesota State Rules Class B sewage sludge requirements and Metro meets those requirements.

Environment Committee

Meeting date: April 13, 2021

For the Metropolitan Council meeting of April 28, 2021

Subject: Metro Lime Kiln Dust, Contract 20P299

District(s), Member(s): All

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

Staff Prepared/Presented: Joseph Ward, 651-602-8302; Sara Smith, 651-602-8365

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

Proposed Action

That the Metropolitan Council authorizes the Regional Administrator to award and execute a contract to Omni Materials Inc. for lime kiln dust delivered to the Metropolitan Wastewater Treatment Plant. This contract will be for a period of four years with a total procurement not to exceed \$1,476,000.

Background

Lime kiln dust is used during sludge loadout operations. When incinerator capacity is reduced, sludge loadout is used to transport biosolids to a landfill for disposal. For biosolids to be disposed of in a landfill, they must meet Class B pathogen reduction standards according to Minnesota Rules Chapter 7041. To meet Class B pathogen reduction standards, lime kiln dust is used to raise the pH of the biosolids.

A previous contract was awarded in May 2017 and is now up for renewal.

The Invitation for bids (IFB) was advertised on January 4, 2021. A pre-bid meeting was held on January 19, 2021. There were two (2) plan holders. Procurement facilitated an online public bid opening on February 4, 2021 where one (1) bid was received. An Adequate Competition Determination (ACD) was completed.

The Office of Equal Opportunity (OEO) did not submit a Disadvantaged Business Enterprise (DBE) goal on this project due to the very specialized goods and lack of DBE suppliers available to provide the goods. The purchase orders will be for a period of four (4) years at a price of \$86.00/ton for first two years and a price of \$88.00/ton for the second two years.

Rationale

The award and execution of Goods contracts in excess of \$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 through the Metro Plant annual operating budget.

Known Support / Opposition

No known opposition.