

Environment Committee

For the Metropolitan Council meeting of May 12, 2021

Subject: 2021 Odor Control Media Procurement, Contract 20P306

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to award and execute contract 20P306 with Purafil, Inc c/o MNX, Inc and Pure Air Filtration for the purchase of odor control media items in an amount not to exceed \$3,000,000.

Summary of Committee Discussion/Questions

No comments or questions.

The proposed action was approved and forwarded to the Council for final approval.

Environment Committee

Meeting date: April 27, 2021

For the Metropolitan Council meeting of May 12, 2021

Subject: 2021 Odor Control Media Procurement, Contract 20P306

District(s), Member(s): Districts, All

Policy/Legal Reference: FM 14-2 - Expenditures for the Procurement of Goods and Services Policy

Staff Prepared/Presented: Wayde Schroeder, 651-602-4551; Bert Tracy, 651-602-4024

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

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to award and execute contract 20P306 with Purafil, Inc c/o MNX, Inc and Pure Air Filtration for the purchase of odor control media items in an amount not to exceed \$3,000,000.

Background

MCES owns and operates over thirty odor control units throughout the region that mitigate odors associated with the regional wastewater system. These units require periodic as needed replacement of various types of odor control media. The estimated quantities of media included are identified as items one through five in Attachment 1. Estimates of use are based on the total volume of media currently in-service system wide and an assumption that the carbon will need to be changed out one and a half times per year. All work is performed by MCES staff.

The Invitation for Bids was advertised on January 7, 2021. There were sixteen plan holders, three prime bidders, nine suppliers, three plan rooms and three plan holders identified as woman, minority, veteran or disadvantaged business enterprises. A pre-bid meeting was hosted by Council staff that outlined the solicitation requirements, discussed project specifications and responded to plan holder inquiries. Procurement facilitated a public bid opening on February 9, 2021 and five bids were received.

The Office of Equal Opportunity did not set a Metropolitan Council Underutilized Business goal for this project based on subcontracting opportunities in this market.

Rationale

The five bids received, ranged from \$557,730 to \$897,700. Purafil Inc. c/o MNX Inc., was the low, responsive and responsible bidder for media items two through five in Attachment 1 and Pure Air Filtration was the low, responsive and responsible bidder for media item one in Attachment 1.

The award and execution of contracts or purchases orders, for goods in excess of \$500,000 requires Council approval.

Thrive Lens Analysis

This action advances the Thrive Outcomes of Prosperity and Livability through planning and investing in infrastructure, amenities, and quality of life needed for economic competitiveness and protection of natural resources.

Funding

Project funding is included in the 2021 Operations and Maintenance Budget.

Known Support / Opposition

There is no known opposition.

Attachment #1

| Item No. | DESCRIPTION | SPECIFICATION | | | | UNIT ESTIMATE | | CARBON ACTIVATED CO | | GENERAL CARBON | | MNX, INC. | | PURE AIR FILTRATION | | TOTAL MECHANICAL, INC. | |
|----------|--|---------------|-------------------------|-----------------------|-----------|---------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|------------------------|--|
| | | Media Type | H2S Adsorption Capacity | Minimum KMnO4 content | Unit Ref. | Unit Quantity | COST | | COST | | COST | | COST | | COST | | |
| | | | | | | | Unit Cost(\$)/CF | Total Item Cost (\$) | Unit Cost(\$)/CF | Total Item Cost (\$) | Unit Cost(\$)/CF | Total Item Cost (\$) | Unit Cost(\$)/CF | Total Item Cost (\$) | Unit Cost(\$)/CF | Total Item Cost (\$) | |
| 1 | 4 mm Pelletized Non-Impregnated Carbon Derived from Hardwood or Coal | 0.10 gH2S/cc | NA | CF | 500 | \$80.95 | \$40,475.00 | \$ 68.17 | \$ 34,085.00 | \$59.85 | \$29,925.00 | \$56.00 | \$28,000.00 | \$ 92.38 | \$ 46,190.00 | | |
| 2 | 4 mm Pelletized Non-Impregnated Carbon Derived from Hardwood or Coal | 0.30 gSH2S/cc | NA | CF | 5,000 | \$82.95 | \$414,750.00 | \$ 79.57 | \$ 397,850.00 | \$72.94 | \$364,700.00 | \$85.00 | \$425,000.00 | \$ 92.38 | \$ 461,900.00 | | |
| 3 | Pelletized Impregnated Carbon Derived from Coconut Shell | 0.14 gH2S/cc | NA | CF | 500 | \$110.95 | \$55,475.00 | No Bid | No Bid | \$54.76 | \$27,380.00 | \$75.00 | \$37,500.00 | \$ 99.28 | \$ 49,640.00 | | |
| 4 | Spherical KMnO4 Impregnated Media | NA | 8 | CF | 500 | \$142.00 | \$71,000.00 | \$ 71.92 | \$ 35,960.00 | \$59.85 | \$29,925.00 | \$80.00 | \$40,000.00 | No Bid | - | | |
| 5 | Spherical KMnO4 Impregnated Media | NA | 12 | CF | 2,000 | \$158.00 | \$316,000.00 | \$ 74.67 | \$ 149,340.00 | \$82.65 | \$165,300.00 | \$89.00 | \$178,000.00 | No Bid | - | | |

*Bid from General Carbon was deemed as a conditional bid as an exception was included on the bid form. An official rejection of non-responsive bid letter was issued to vendor on March 2, 2021.