



Agenda Report

MEETING DATE: Tuesday, June 28, 2022

TO: City Council

FROM: PUBLIC WORKS & UTILITIES DIRECTOR DI RENZO
RYAN SMITH, WASTEWATER DIVISION MANAGER

SUBJECT: AUTHORIZATION OF A PURCHASE ORDER FOR SOLE SOURCE
PURCHASING WITH POLYDYNE, INC. DBA SNF POLYDYNE, INC.
FOR THE PURCHASE OF CHEMICALS USED IN THE
WASTEWATER TREATMENT AND WATER RECYCLING
FACILITIES IN THE AMOUNT OF \$520,000 FOR FISCAL YEAR
2022-2023;

STATEMENT OF ISSUES:

Various chemicals in bulk quantities are used in wastewater treatment processes, and flocculant polymers are one such chemical. The purchase order with the current vendor supplying polymers has been exhausted and a new purchasing agreement must be established to ensure uninterrupted supply of this chemical used for biosolids dewatering and recycled water production.

RECOMMENDED ACTION:

Adopt a resolution that (1) authorizes the sole source¹ purchasing agreement with Polydyne, Inc. dba SNF Polydyne, Inc., for the purchase of flocculant polymer chemicals used by the Wastewater Treatment and Water Recycling Facilities in the amount of \$520,000 for Fiscal Year 2022-2023; and (2) increasing the amount of the current purchase order by \$120,000. The contract will not be competitively bid for the reasons set forth in this Report.

DISCUSSION:

The Wastewater Treatment Division uses flocculant and coagulant chemicals to aid in the filtering-out of pollutants in order to:

- Maintain regulatory compliance for secondary effluent discharges to the Monterey Bay Sanctuary; and
- Comply with California Title 22 regulations for food safety and water reuse for tertiary treated recycled wastewater used for direct food crop irrigation.

¹ Subdivision (c) of § 3-5.210 of the Municipal Code exempts from competitive bidding "Equipment, supplies or nonprofessional services (that) are unique, available only from one (1) source, or sought to match existing equipment or supplies already in use (also known as a sole source purchase)."

The polymer flocculants supplied by SNF Polydyne, Inc. are highly specialized as to their propriety chemical properties to work effectively with the advanced treatment processes performed at the facility. The existing equipment used to store and deliver these chemicals has also been standardized to use this particular chemical.

Bidding of polymer-based flocculants requires an investment of the potential bidder to prove, at their expense, that the product they propose to bid would work under a wide range of operational conditions. Considerable expertise in laboratory protocol is required to test these chemicals in order to select a biddable product. SNF Polydyne, Inc. is the only supplier with the special analytical qualifications and willingness to exert that level of expertise to meet our facility's treatment operations.

In addition, disruption to the delivery of recycled water due to less than effective coagulants and flocculants would have a direct negative impact on our local economy and the reputation of the City.

Drought conditions have resulted in higher than normal recycled water demand which caused higher than normal chemical usage. Staff is requesting additional funds added to the existing purchase order, and to create a new purchase order for next fiscal year.

STRATEGIC PLAN:

This purchasing agreement is consistent with Strategic Plan Priority:

3 – Infrastructure & Environment

FINANCIAL IMPACT:

Funds for this purchase are available in the Wastewater Enterprise Fund budget account number 0710-530-7551 (\$170,000) and 0710-532-7551 (\$350,000) respectively for Wastewater Treatment and Water Recycling in Fiscal Year 2022-2023, and 0710-530-7551 (\$38,000) and 0710-532-7551 (\$82,000) for the current fiscal year. Pajaro Valley Water Management Agency (PVWMA) reimburses expenses for Water Recycling.

ALTERNATIVE ACTION:

None at this time due to the specialized nature of these chemicals.

ATTACHMENTS AND/OR REFERENCES (If any):

1. SNF Polymer Price Quotation