



CITY OF SAN MATEO

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Agenda Report

Agenda Number: 6

Section Name: {{section.name}}

Account Number: 72-4671

File ID: {{item.tracking_number}}

TO: City Council
FROM: Drew Corbett, City Manager
PREPARED BY: Public Works Department
MEETING DATE: June 20, 2022
SUBJECT:
Wastewater Treatment Plant Supply of Chemicals – Contracts

RECOMMENDATION:

Award chemical supply contracts to 1) Univar Solutions USA Inc. to supply sodium bisulfate in the amount of \$323,394, including sales tax; 2) Univar Solutions USA Inc. to supply sodium hypochlorite in the amount of \$490,550, including sales tax; and 3) Kemira Water Solutions, Inc. for the supply of ferric chloride in the amount of \$266,828, including sales tax; and authorize the Public Works Director to execute the contracts in substantially the form presented.

BACKGROUND:

The Wastewater Treatment Plant (WWTP) uses chemicals to treat wastewater in accordance with applicable regulatory requirements.

Sodium Bisulfite

Sodium bisulfite is used as a de-chlorinating reagent in the final wastewater treatment process before discharging to San Francisco Bay. De-chlorination is a requirement of the City's National Pollutant Discharge Elimination System permit. This contract includes the supply and delivery of 200,000 gallons of chemical product. The City participates in the Bay Area Chemical Consortium (BACC) along with other municipalities to competitively bid the cost of chemicals needed during the treatment of wastewater. The bid results are summarized below:

Contractor	Bid Amount (per gallon)	Contract Amount*
Univar Solutions USA Inc.	\$1.4750	\$295,000

*Does not include 9.625% sales

Based on the sole bid of \$1.4750 per gallon, staff recommends awarding the contract to Univar Solutions USA Inc. for the supply of sodium bisulfite. The contract term is 12 months and the price is to remain firm for the entire period.

Sodium Hypochlorite

The WWTP uses sodium hypochlorite as a disinfecting reagent in the treatment process. The chlorination is a requirement of the City's National Pollutant Discharge Elimination System permit. This contract provides the supply and delivery of 300,000 gallons of this chemical product. The BACC bid results for sodium hypochlorite are summarized below:

Contractor	Bid Amount (per gallon)	Contract Amount*
Univar Solutions USA Inc.	\$1.4916	\$447,480
Olin Corporation	\$1.5490	\$464,700
Hasa, Inc.	\$5.0000	\$1,500,000

*Does not include 9.625% sales tax

Based on the low bid of \$1.4916 per gallon, staff recommends awarding the contract to Univar Solutions USA Inc. for the supply of sodium hypochlorite. The contract term is 12 months and the price is to remain firm for the entire period.

Ferric Chloride

Ferric chloride is used for the control of hydrogen sulfide formation, an odorous compound, in the anaerobic digestion process that produces methane. Controlling hydrogen sulfide levels is a requirement of the Bay Area Air Quality Management District permit. This contract includes the supply and delivery of an estimated 200 dry tons of chemical product. The BACC bid results for ferric chloride are summarized below:

Contractor	Bid Amount (per dry ton)	Contract Amount*
Kemira Water Solutions, Inc.	\$1,217.00	\$243,400
Pencco, Inc.	\$1,300.00	\$260,000
Thatcher Company of California, Inc.	\$2,000.00	\$400,000
Univar Solutions USA Inc.	No Bid	No Bid

*Does not include 9.625% sales tax

Based on the low bid of \$1,217 per dry ton, staff recommends award of the contract to Kemira Water Solutions, Inc. for the supply of ferric chloride. The term of the contract is 12 months and the price is to remain firm for the entire period.

BUDGET IMPACT:

Funding is budgeted for the supply of chemicals in the Wastewater Treatment Plant operating budget.

ENVIRONMENTAL DETERMINATION:

This City Council action is not a project subject to CEQA, because it is a continuing maintenance activity involving the purchase of supplies and a government fiscal activity which does not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment. (CEQA Guidelines Sections 15378(b)(2); 15378(b)(4)(.))

NOTICE PROVIDED

All meeting noticing requirements were met.

ATTACHMENTS

- Att 1 - Univar Solutions USA Inc. Contract for Sodium Bisulfite
- Att 2 - BACC Bid Summary for Sodium Bisulfite
- Att 3 - Univar Solutions USA Inc. Contract for Sodium Hypochlorite
- Att 4 - BACC Bid Summary for Sodium Hypochlorite
- Att 5 - Kemira Water Solutions, Inc. Contract for Ferric Chloride
- Att 6 - BACC Bid Summary for Ferric Chloride

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