

Council Business Meeting

June 15, 2021

Agenda Item	Approval of Public Contracts for Water and Wastewater Treatment Plants Chemicals	
From	Scott Fleury PE	Public Works Director
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SUMMARY

The Water and Wastewater Treatment Plants require chemicals as part of the treatment process to ensure that regulatory water quality standards for both Plants are met. Approving the 2022-2023 biennium public contract awards for these chemicals will allow the City's Water Treatment Plant Supervisor and Wastewater Treatment Plant Supervisor to procure the chemicals required to maintain consistent treatment plant operations and meet water quality standards as required by the Oregon Health Authority (water) and the Department of Environmental Quality (wastewater).

POLICIES, PLANS & GOALS SUPPORTED

City Council Goals:

- Essential Service
 - Water
 - Wastewater
- Continue to leverage resources to develop and/or enhance Value Services

Department Goals:

- Maintain existing infrastructure to meet regulatory requirements and minimize life-cycle costs
- Deliver timely life cycle capital improvement projects
- Maintain and improve infrastructure that enhances the economic vitality of the community
- Evaluate all city infrastructure regarding planning management and financial resources

PREVIOUS COUNCIL ACTION

The previous public contracts awarded for these chemicals resulting from an invitation to bid (ITB) were approved by the City Council on May 21, 2019 for a term that began July 1, 2019 and will end on June 30, 2021.

BACKGROUND AND ADDITIONAL INFORMATION

A formal competitive sealed bid is facilitated each biennium to procure the majority of chemicals that are used at the Water and Wastewater Treatment Plants because the total cost for these chemicals exceeds \$100,000.

Five bids were received and individual contracts for each of the nine chemicals will be awarded to the lowest responsible and responsive bidders. The ITB allows multiple contracts to be awarded and public contracts will be awarded to four of the bidders for one or more chemicals. The term for these public contracts will begin on July 1, 2021 and end on June 30, 2023.

In accordance with AMC 2.50.080(C), the City Council acting as the Local Contract Review Board is required to approve the award of public contract(s) resulting from a formal competitive sealed bid. The bid tab is attached for your review.

The City's intent is to award chemical contracts to the lowest responsive and responsible bidders as follows:

Water Treatment Plant		Bidder	# of Orders per FY	Cost/Order FY 2022	Cost Estimate FY 2022	Cost/Order FY 2023	Cost Estimate FY 2023
Chemical #1	ALUMINUM SULFATE	Cascade Columbia Distribution Company	13	\$6,227.97	\$80,963.61	\$6,614.95	\$85,994.35
Chemical #2	SODIUM HYPOCHLORITE	Cascade Columbia Distribution Company	13	\$3,255.00	\$42,315.00	\$3,285.00	\$42,705.00
Chemical #3	CYTEC SUPERFLOC C-573 FLOCCULANT	Brenntag Pacific, Inc.	9	\$3,462.00	\$31,158.00	\$3,462.00	\$31,158.00
Chemical #4	CYTEC SUPERFLOC N-300 LMW FLOCCULANT	Brenntag Pacific, Inc.	6	\$1,554.60	\$9,327.60	\$1,554.60	\$9,327.60
Chemical #5	SODA ASH, DENSE, FREE FLOWING	Cascade Columbia Distribution Company	13	\$3,123.75	\$40,608.75	\$3,270.75	\$42,519.75
Chemical #6	SODIUM CARBONATE PEROXYHYDRATE, FREE FLOWING – "GREENCLEAN"	Helena Agri-Enterprises LLC	5	\$8,640.00	\$43,200.00	\$8,640.00	\$43,200.00
Total Amounts – FY 2022					\$247,572.96	FY 2023	\$254,904.70

Wastewater Treatment Plant		Bidder	# or Orders per FY	Cost/Order FY 2022	Cost Estimate FY 2022	Cost/Order FY 2023	Cost Estimate FY 2023
Chemical #7	SODIUM HYPOCHLORITE	Cascade Columbia Distribution Company	6	\$1,332.00	\$7,992.00	\$1,338.00	\$8,028.00
Chemical #8	CITRIC ACID	Cascade Columbia Distribution Company	2	\$1,932.00	\$3,864.00	\$1,960.00	\$3,920.00
Chemical #9	ALUMINUM SULFATE	Eco Services	18	\$5,081.72	\$91,470.96	\$5,081.72	\$91,470.96
Total Amounts – FY 2022					\$103,326.96	FY 2023	\$103,418.96

FISCAL IMPACTS

Funds are budgeted each fiscal year for chemicals.

Water Treatment Plant	Wastewater Treatment Plant
FY 2022 - \$175,000.00	FY 2022 - \$135,125.00
FY 2023 - \$175,000.00	FY 2023 - \$137,000.00

STAFF RECOMMENDATION

Staff recommends public contracts be awarded for these chemicals as outlined above and on the attached bid tab.

ACTIONS, OPTIONS & POTENTIAL MOTIONS

I move to approve the public contract awards for the Water and Wastewater Treatment Plants chemicals.

ATTACHMENTS

Attachment 1: ITB #2021 -101 Bid Tab for Chemicals for Water & Wastewater Treatment Plants

BID TAB - Invitation to Bid #2021-101 Chemicals for Water & Wastewater Treatment Plants

CHEMICAL #1 - WTP Aluminum Sulfate	Brenntag Pacific, Inc.	Cascade Columbia Distribution	Eco Services	Helena Agri- Enterprises LLC	Univar USA, Inc.
Manufacturer	NO BID	Chemtrade	Eco Services	NO BID	NO BID
Number of pounds (Lbs.) per gallon in solution		11.25 Lbs.	11.1 Lbs.		
Number of dry pounds (Lbs.) per gallon		5.4 Dry Lbs./Gal	5.3 Lbs.		
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per dry ton		\$512.59 / DST (\$0.123/Wet Lbs.)	\$526.51		
Cost per order - 4,500 gallons		\$6,227.97	\$6,278.60		
Delivery charge per order		\$0.00	\$1,650.00		
	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per dry ton		\$544.44 / DST (\$0.131/Wet Lbs.)	\$526.51		
Cost per order - 4,500 gallons		\$6,614.95	\$6,278.60		
Delivery charge per order		\$0.00	\$1,650.00		
Comments		Invoices by wet pound	Delivery is contingent on availability of specialized equipment from Sherman & cannot be contractually guaranteed.		
CHEMICAL #2 - WTP Sodium Hypochlorite 12.5%+ LOW SALT, FILTERED	Brenntag Pacific, Inc.	Cascade Columbia Distribution Company	Eco Services	Helena Agri- Enterprises LLC	Univar USA, Inc.
Manufacturer	NO BID	Hasa	NO BID	NO BID	NO BID.
Number of gallons per tote		300			
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per gallon		\$2.17			
Cost per tote		\$651.00			
Cost per load (5) totes		\$3,255.00			
Delivery charge per order		\$0.00			
	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per gallon		\$2.19			
Cost per tote		\$657.00			
Cost per load (5) totes		\$3,285.00			
Delivery charge per order		\$0.00			
Comments					

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CHEMICAL #3 - WTP Cytec Superfloc C-573 Flocculant -or- Northstar Moe 106 PWG Flocculant (No Substitution)	Brenntag Pacific, Inc.	Cascade Columbia Distribution Company	Eco Services	Helena Agri- Enterprises LLC	Univar USA, Inc.
Manufacturer	Kemira	Kemira (Cytec)	NO BID	NO BID	NO BID
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per pound (Lb)	\$1.7310	\$1.90			
Cost per 500 Lb drum	\$865.50	\$950.00			
Cost per order - 4 each 500 lb drums	\$3,462.00	\$3,800.00			
Delivery charge per order	\$0.00	\$0.00			
	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per pound (Lb)	\$1.7310	\$1.94			
Cost per 500 Lb drum	\$865.50	\$970.00			
Cost per order - 4 each 500 lb drums	\$3,462.00	\$3,880.00			
Delivery charge per order	\$0.00	\$0.00			
Comments					
CHEMICAL #4 - WTP Cytec Superfloc N-300 LMW Flocculant (No Substitution)	Brenntag Pacific, Inc.	Cascade Columbia Distribution Company	Eco Services	Helena Agri- Enterprises LLC	Univar USA, Inc.
Manufacturer	Cytec	Cytec	NO BID	NO BID	NO BID
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per pound (Lb)	\$3.5255	\$4.84			
Cost per 25kg or 55.12 Lb bag 55.12 Lb bag	\$194.320	\$266.78			
Cost per order - (8) bags	\$1,554.60	\$2,134.24			
Delivery charge per order	\$0.00	\$0.00			
	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per pound (Lb)	\$3.5255	\$4.90			
Cost per 25kg or 55.12 Lb bag 55.12 Lb bag	\$194.320	\$270.09			
Cost per order - (8) bags	\$1,554.60	\$2,160.72			
Delivery charge per order	\$0.00	\$0.00			
Comments					
CHEMICAL #5 - WTP Soda Ash, Dense, Free Flowing (Or Equivalent)	Brenntag Pacific, Inc.	Cascade Columbia Distribution Company	Eco Services	Helena Agri- Enterprises LLC	Univar USA, Inc.
Manufacturer	Genesis Specialty Alkali	Solvay or Dubois	NO BID	NO BID	Ciner
Number of pounds (Lbs.) per bag	50	50			50
Number of bags per pallet	54	49			50
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per pound (Lb)	\$0.2867	\$0.255			\$0.2845
Cost per order 270 bags (5) pallets	\$3,870.45	\$3,123.75			\$3,840.75
Delivery charge per order	\$0.00	\$0.00			Included

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	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per pound (Lb)	\$0.2867	\$0.267			\$0.3075
Cost per order 270 bags (5) pallets	\$3,870.45	\$3,270.75			\$4,151.25
Delivery charge per order	\$0.00	\$0.00			Included
Comments		245 Bags/(5) Pallets			
CHEMICAL #6 - WTP Sodium Carbonate Peroxyhydrate, Free Flowing - ("Greenclean" Or Equivalent)	Brenntag Pacific, Inc.	Cascade Columbia Distribution Company	Eco Services	Helena Agri-Enterprises LLC	Univar USA, Inc.
Manufacturer	Brenntag Pacific, Inc. / Solvay	NO BID	NO BID	Bio-Safe Systems	NO BID.
Number of pounds (Lbs.) per bag	50			50	
Number of bags per pallet	49			40	
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per pound (Lb)	\$1.4663			\$1.08	
Cost per order 160 bags (4) pallets	\$11,730.40			\$8,640.00	
Delivery charge per order	\$0.00			\$0.00	
	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per pound (Lb)	\$1.4663			\$1.08	
Cost per order 160 bags (4) pallets	\$11,730.40			\$8,640.00	
Delivery charge per order	\$0.00			\$0.00	
Comments					
CHEMICAL #7 - WWTP Sodium Hypochlorite 12.5%	Brenntag Pacific, Inc.	Cascade Columbia Distribution Company	Eco Services	Helena Agri-Enterprises LLC	Univar USA, Inc.
Manufacturer	Brenntag Pacific, Inc.	Hasa	NO BID	NO BID	NO BID.
Number of gallons per tote	330	300			
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per gallon (gal)	\$2.7075	\$2.22			
Cost per tote	\$893.4750	\$666.00			
Cost per load/order (2) totes	\$1,786.95	\$1,332.00			
Delivery charge per order	\$0.00	\$0.00			
	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per gallon (gal)	\$2.7075	\$2.23			
Cost per tote	\$893.4750	\$669.00			
Cost per load/order (2) totes	\$1,786.95	\$1,338.00			
Delivery charge per order	\$0.00	\$0.00			
Comments	Refundable tote deposit may apply				

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CHEMICAL #8 - WWTP Citric Acid (50 Lb Bags)	Brenntag Pacific, Inc.	Cascade Columbia Distribution Company	Eco Services	Helena Agri- Enterprises LLC	Univar USA, Inc.
Manufacturer	NO BID	Sunshine or COFCO	NO BID	NO BID	Tate & Lyle
Number of bags per pallet		40			50
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per pound (Lb)		\$0.966			\$1.00
Cost per order (1) pallet		\$1,932.00			\$2,500.00
Delivery charge per order		\$0.00			Included
	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per pound (Lb)		\$0.980			\$1.15
Cost per order (1) pallet		\$1,960.00			\$2,875.00
Delivery charge per order		\$0.00			Included
Comments					
CHEMICAL #9 - WWTP Aluminum Sulfate	Brenntag Pacific, Inc.	Cascade Columbia Distribution	Eco Services	Helena Agri- Enterprises LLC	Univar USA, Inc.
Manufacturer	NO BID	Chemtrade	Eco Services	NO BID	NO BID.
Number of pounds (Lbs.) per gallon in solution		11.25 Lbs./Gal	11.1 Lbs.		
Number of dry pounds (Lbs.) per gallon		5.4 Dry Lbs./Gal	5.3 Lbs.		
	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022	July 2021 - June 2022
Price per dry ton		\$466.67 DST (\$0.112/Wet Lbs.)	\$426.14		
Cost per order - 4,500 gallons		\$5,670.00	\$5,081.72		
Delivery charge per order		\$0.00	N/A		
	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023	July 2022 - June 2023
Price per dry ton		\$481.48 DST (\$0.1155/Wet Lbs.)	\$426.14		
Cost per order - 4,500 gallons		\$5,849.98	\$5,081.72		
Delivery charge per order		\$0.00	N/A		
Comments		Invoices by wet pound			
List of NO BID responses:					
Kemira Water Solutions					
Sterling Water Technologies, LLC					