

AGENDA ITEM

January 4, 2022

Subject: Water Treatment Plant Chemical Bids

Department: Water Treatment Plant

Due to the US Chemical industry volatility, supply bottlenecks and inflation we are having difficulty securing chemical prices beyond 30-60 days. Our chemical treatment cost have risen over 48% since 2019.

The City of Nevada utilizes three chemical vendors for our water treatment process:

- Brenntag, Springfield, Missouri. They provide Caustic Soda, Chlorine, Sodium Hypochlorite and Muriatic Acid.
- Harcros, Kansas City, Kansas. They provide Sulfuric Acid.
- PWT, Vista, California (sole source Manufacture). They provide SpectraGuard Antiscalant.

Estimated Chemical Cost for 2022:

Chemical	Provider	2021 Est Cost	2022 Est Cost
Bulk Caustic Soda	Brenntag	\$33,564.00	\$37,300.00
Chlorine	Brenntag	\$16,800.00	\$19,890.00
Muriatic Acid	Brenntag	\$3,244.00	\$2,425.00
Sodium Hypochlorite	Brenntag	\$16,380.00	\$18,480.00
Sulfuric Acid.	Harcros	\$13,142.00	\$14,857.00
SpectraGuard Antiscalant.	PWT	\$12,846.00	\$12,846.00
		\$95,976.00	\$105,798.00

Due to the unpredictability of producing water the quantity needed may fluctuate. I am recommending a blanket bid of a not to exceed amount \$110,000.00.

Manager's Note:

- 2021 Approved Budget for water production chemicals was \$80,000.00.
- 2022 Approved Budget for water production chemicals is \$120,000.00.

RESOLUTION NO. 1601

A RESOLUTION AUTHORIZING THE PURCHASE OF WATER TREATMENT CHEMICALS FROM VARIOUS VENDORS, INCLUDING PROPRIETARY CHEMICALS AND AUTHORIZING THE CITY MANAGER TO PURCHASE CHEMICALS FROM ALL VENDORS AS NECESSARY.

WHEREAS, The City of Nevada utilizes water treatment chemicals for operations in the untreated water and treated water to provide safe drinking water; and

WHEREAS, The Fiscal Year 2022 (FY22) water treatment chemicals budget was established based on anticipated chemical usage to address water quality needs based on an evaluation of historical demands; and

WHEREAS, the City must purchase certain chemicals, some of which are proprietary, in a variety of quantities based on various conditions like weather, drinking source, and other factors; and

WHEREAS, the City of Nevada solicited for treatment chemicals bids from three vendors Brenntag, Springfield, MO, Harcros Chemicals, Kansas City, KS and PWT, Vista, CA.

NOW, THEREFORE, BE IT RESOLVED that the City Council approves the purchase of these chemicals from the below vendors to be purchased from budget line 500-5-4425-235 with funds budgeted in the amount not to exceed \$110,000.000 for chemical purchases.

Chemical	Provider
Bulk Caustic Soda	Brenntag
Chlorine	Brenntag
Muriatic Acid	Brenntag
Sodium Hypochlorite	Brenntag
Sulfuric Acid.	Harcros
SpectraGuard Antiscalant.	PWT

PASSED, APPROVED AND ADOPTED, by the City Council of the City of Nevada, Missouri on this 4th day of January, 2022

(seal)
ATTEST

George Knox, Mayor

Stephanie M. Martin, City Clerk