

**EMERGENCY PURCHASE REPORT**

To: Jonathan Daniels, Purchasing Officer  
From: Kristin Johansen, Principal Engineer - Planning & Engineering Division  
Date: June 21, 2023 Revised December 26, 2023

Emergencies which occur during the course of the normal working day must be reported to the Purchasing Officer who will make a determination as to the necessity of an emergency purchase. Within three business days of awarding an emergency procurement Contract, the Central Purchasing Office shall post on its web site this notice of the Emergency Purchase. Requisition for purchase must be completed and attached.

1. Date Emergency situation first noted/occurred (time and date):

June 20, 2023 at 7 AM

2. Describe emergency situation – Be very specific (attach additional pages, if required):

The four sulfuric acid tanks which are used for pH adjustment at the San Juan Chama Water Treatment Plant require inspection. A project was initiated through Centralized Engineering to assess the condition of the tanks and to determine if and what type of repairs may be required. For a certified tank inspector to enter the tanks, the tanks need to be drained, isolated, and thoroughly cleaned. The Water Authority requested quotes for tank isolation and cleaning from the plant facilities on-call contractor. The contractor was not certified to perform the work due to the hazardous materials/confined space work conditions. Quotes were then requested from three other firms specializing in tank cleaning, but only Univar provided a quote and was able to meet the scope requirements for both cleaning and isolation of the tanks. For the tank cleaning company to assess the work conditions for cleaning and estimate the amount of neutralization chemical required, two of the four sulfuric tanks were drained which has left the treatment plant with only two operating tanks during the high chemical demand summer season, reducing operational flexibility and requiring more frequent chemical deliveries. Upon opening the hatches of the drained tanks, more chemical and sludge than expected was discovered, thus requiring double the amount of neutralizing chemical and time to neutralize. Also, the conditions would require a tanker truck to be onsite for approximately 2 weeks for neutralizing the chemical, with extremely high liquid temperatures due to the exothermic reaction of the sulfuric acid neutralization occurring in the tank. This is considered a serious safety hazard for the workers and employees. To expedite the cleaning of the tanks and return them to service as well as to prevent prolonged hazardous conditions onsite, the sulfuric acid needs to be pumped to totes and removed/disposed by others. During sulfuric acid storage at the site, two chemical leaks occurred which required emergency response and cleanup per ABCWUA standard operating procedures.

3. Impact/consequences had purchase not been made immediately:

Without proper tank cleaning/isolation and adequate chemical supply, the San Juan Chama Water Treatment Plant will be without sulfuric acid during the high water demand season, a chemical required for treatment. Without adequate removal and disposal of the remaining sulfuric acid in the tanks, dangerous conditions

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(extremely high liquid temperatures, highly corrosive chemical) will be present onsite for an extended period while the acid is neutralized. Leaks required immediate action due to health and safety hazards.

4. Item(s) purchased:

- One (1) x tank cleaning services for all four tanks conducted in two tank increments
- Two (2) x tank cleaning chemical orders:
  - ~~Thirty (30) x 50 lb bags of light soda ash~~ 3000 pounds of soda ash lite
  - ~~6,800~~ 3,400 lbs of 50% sodium hydroxide (caustic soda)
- Two (2) x chemical storage tote orders
  - Five (5) x 275 gallon refurbished totes
- Two (2) x chemical disposal
  - Removal and disposal of totes
  - EIS and manifest fees
- Two (2) x emergency response and leak cleanup

5. Price:

Actual Price:

<u>Service/Goods</u>	<u>Quantity</u>	<u>Total Cost (inclusive of NM GRT)</u>
<u>Tank Cleaning, Emergency Response and Leak Cleanup, Chemical Totes</u>	<u>1</u>	<u>\$287,658.21</u>
<u>Chemicals (soda ash lite, 50% caustic soda)</u>	<u>1</u>	<u>\$6,098.00</u>
<u>Chemical Disposal</u>	<u>1</u>	<u>\$14,262.68</u>
<u>Tote Removal</u>	<u>1</u>	<u>\$1,291.50</u>
-	<u>TOTAL</u>	<u>\$309,310.39</u>
-	-	-

Original Estimated Price:

<u>Service/Goods</u>	<u>Item Name</u>	<u>Unit Price</u>	<u>Quantity</u>	<u>Total Cost (exclusive of NM GRT)</u>
<b>Tank Cleaning</b>		<b>\$ 99,966.00</b>	<b>1</b>	<b>\$ 99,966.00</b>
<b>Chemicals and Totes</b>		<b>\$ 5,244.00</b>	<b>2</b>	<b>\$ 10,488.00</b>
<i>Soda Ash</i>	<i>50 lb bags</i>	<i>\$41.00</i>	<i>30</i>	<i>\$1230.00</i>
<i>50% Sodium Hydroxide (Caustic Soda)</i>	<i>273 gallon tote</i>	<i>\$0.55/lb</i>	<i>3,400 lb</i>	<i>\$1870.00</i>
<i>Chemical Totes</i>	<i>275 gallon</i>	<i>\$300</i>	<i>5</i>	<i>\$1500.00</i>
<i>EIS</i>			<i>14%</i>	<i>\$644.00</i>
<b>Chemical Disposal</b>		<b>\$ 6,750.00</b>	<b>2</b>	<b>\$ 13,500.00</b>
	<i>275 gallon tote</i>	<i>\$1350</i>	<i>5</i>	<i>\$6750.00</i>
			<b>TOTAL</b>	<b>\$ 123,954.00</b>

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6. Vendors contacted to obtain best available price (preferably three - Attach quotations):  
 Tank Cleaning Services:

Service/Goods	Firm	Quote	Comments
Tank Cleaning	Univar	\$ 99,966.00	Subcontracting to Enviroserve to perform work, quote for all four tanks.
	TLC	No Response	Not certified to perform hazmat work in acidic/highly corrosive environments
	Actenviro	No Response	Could not meet schedule, could not perform scope of work
	Clean Harbors	No Response	Short staffed
Chemicals Only	DPC	\$ 9,956.87	Could not provide a specific delivery date. Quote for two tanks only.
Chemicals and Totes	Univar	\$ 5,244.00	Able to deliver chemical and totes immediately. Quote for two tanks only.
Chemical Disposal	Univar	\$ 6,750.00	Quoted separately due to material handling requirements. Quote for two tanks only.

7. Name and address of actual supplier:

Univar Solutions USA Inc.  
 3075 Highland Parkway Suite 200  
 Downers Grove IL 60515 USA

Emergency purchases less than \$10,000 require review and acknowledgement from the Division Manager.

\_\_\_\_\_  
 Division Manager

\_\_\_\_\_  
 Date

Emergency Purchases greater than \$10,000 but less than \$20,000 require review and acknowledgement from the Chief Operating Officer and Chief Financial Officer.

\_\_\_\_\_  
 Chief Planning Officer

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Chief Financial Officer

\_\_\_\_\_  
 Date

Emergency Purchases greater than \$20,000 require review and acknowledgement from the Executive Director.

\_\_\_\_\_  
 Mark S. Sanchez, Executive Director

\_\_\_\_\_  
 Date