

Indian River County, Florida  
Department of Utility Services  
Board Memorandum

**Date:** October 5, 2022  
**To:** Jason E. Brown, County Administrator  
**From:** Sean C. Lieske, Director of Utility Services  
**Through:** Richard Meckes, Operations Manager  
**Prepared By:** Michael Loveday, Wastewater Superintendent  
**Subject:** Award of Liquid Aluminum Sulfate Bid #2023005

**Descriptions and Conditions:**

At the request of the Indian River County Department of Utility Services (IRCDUS), the Purchasing Division opened bids on October 4, 2022, for annual bid #2023005 to furnish and deliver liquid aluminum sulfate. Aluminum sulfate is used to aid the settling of biosolids in the clarifiers. The additional settling reduces the total phosphorus in the treatment facility final effluent and ensures that the facilities remain in compliance with the Florida Department of Environmental Protection (FDEP) permit limitations. The previous bid (2022005) was awarded by the Board of County Commissioners (BCC) to Chemtrade Chemicals US, LLC (Chemtrade) with the first term ending on September 30, 2022. Chemtrade indicated they were unable to renew the agreement at the previous pricing. The term of the new award is through September 30, 2023, with two additional one-year renewals available.

The lowest, responsive, responsible bidder is Chemtrade. See bid tabulation below:

Bidders Name	Total Annual Bid
Chemtrade Chemicals US, LLC	\$75,957.00
C & S Chemicals	\$84,700.00
Thatcher Chemical of Florida, Inc.	\$84,700.00
Univar Solutions USA, Inc.	\$93,100.00

**Funding:**

The new bid represents a 43.3% increase in cost from the previous bid.

Estimated Annual Quantity	Previous Unit Price	Total Annual Cost	New Unit Price	New Annual Cost
70,000 gallons	\$0.7573/gallon	\$53,011.00	\$1.0851/gallon	\$75,957.00

Funds in the amount of \$92,000.00 for liquid aluminum sulfate are budgeted in the Utilities/WW Treat/Chemicals account, number 47121836-035230, to be used in the wastewater treatment process. Funds in the amount of \$30,000 for liquid aluminum sulfate are budgeted in the Utilities/Sludge/Chemicals account, number 47125736-035230, for use at the residuals dewatering facility. Both of these are included in the Utilities operating fund. Utilities operating funds are derived from water and sewer sales.

Description	Account Number	Amount
Utilities/WW Treat/Chemicals	47121836-035230	\$ 92,000.00
Utilities/Sludge/Chemicals	47125736-035230	\$ 30,000.00
	<b>Total</b>	<b>\$122,000.00</b>

**Recommendation:**

Staff recommends that the Board of County Commissioners award Bid #2023005 to Chemtrade Chemicals US, LLC, and authorize the Purchasing Division to issue purchase orders up to the available budgeted amount, after confirmation of Chemtrade’s enrollment in E-Verify.