

**Indian River County, Florida
Department of Utility Services
Board Memorandum**

Date: September 4, 2020

To: Jason E. Brown, County Administrator

From: Vincent Burke, PE, Director of Utility Services

Through: Jennifer Hyde, Purchasing Manager

Prepared By: Terry Southard, Operations Manager, Utility Services
Richard Meckes, Wastewater Superintendent

Subject: Award of Bid #2020051, Annual Bid to Furnish and Deliver Polymer

Background/Analysis:

Bid #2020051, the annual bid to furnish and deliver polymer for the period October 1, 2020, through September 30, 2021, with two one-year renewals available, was opened on August 6, 2020. Polymer is used at the West Regional Wastewater Treatment Facility (WWTF), the South Regional WWTF, and the Central Regional WWTF. Polymer is used to physically and chemically flocculate the waste sludge so that it can be dewatered at the facility prior to being hauled to the Residuals Dewatering Facility (RDF) for further treatment. The polymer assists in settlement of suspended solids to reduce the volume of sludge that is hauled to the RDF. Historically the facilities have used approximately 6,500 gallons of polymer over a 12-month period. This volume is the same as the quantity used for Fiscal Year (FY) 2019/2020. The price per gallon for FY 2019/2020 was \$9.632.

Bidder's Name	Total Annual Bid	Per gallon price
Nalco Company, LLC	\$43,065.00	\$8.613
Polydyne, Inc.	\$49,450.00	\$9.890
Solenis, LLC	\$54,600.00	\$10.92

The review of the bids revealed that the low bidder took exception to the requirement in the bid specifications for delivery within seven days of order. The low bidder stated it requires two weeks to deliver and therefore is not responsible, as it does not have the capability in all respects to fully perform the contract requirements. Indian River County Department of Utility Services (IRCDUS) requires a seven-day delivery window due to changing operational conditions within the facilities and emergency operations in the event of a national, regional, or local disaster. Further analysis of the three bidders were evaluated to determine their qualifications and their conformance with the technical specifications. It was determined that the second lowest bidder, Polydyne Inc., is the lowest responsive and responsible bidder.

Based on the Polydyne Inc. submitted bid, the cost per gallon of polymer reflects an increase of 2.68% for FY 2020/2021. The budget for FY 2019/2020 is expected to be \$62,608.00, and the proposed budget for FY 2020/2021 is estimated at \$65,000.00

Funding:

Funds for polymer are in the chemicals budget for the Wastewater division, which are part of the Utilities operating funds. The proposed budget for FY 2020/2021 includes the funding listed below. Staff believes the proposed budget includes enough funding to absorb the price increase as listed. Utilities operating funds are generated from water and sewer sales.

Description	Account Number	Total Budget	
Chemicals Wastewater Treatment	47121836-035230	\$ 62,608.00	FY 2019/2020
Chemicals Wastewater Treatment	47121836-035230	\$ 65,000.00	FY 2020/2021

Recommendation:

The staff of Indian River County Department of Utility Services recommends that the Board of County Commissioners award Bid #2020051 to Polydyne, Inc., and authorize the Purchasing Division to issue purchase orders, and to renew the bid for two additional one-year periods at the same terms and pricing.