



Interoffice Memorandum

November 11, 2019

TO: Mayor Jerry L. Demings
and the Board of County Commissioners

FROM: *CM* Carrie Mathes, Manager, Procurement Division

CONTACT: Michael Hudkins, Manager, Water Reclamation Division
(407) 254-9685

SUBJECT: Award of Invitation for Bids Y19-1092-AH, Liquid Polymer for Eastern Water Reclamation Facility (EWRF)

ACTION REQUESTED:

Approval to award Invitation for Bids Y19-1092-AH, Liquid Polymer for Eastern Water Reclamation Facility (EWRF), to the low responsive and responsible bidder, Polydyne, Inc. in the estimated contract award amount of \$586,305 for a 1-year term. Further request authorization for the Procurement Division to renew the contract for four additional 1-year terms.

PROCUREMENT:

The Contractor will provide liquid polymer for the digestion process and dewater the biosolids that are transported from the EWRF for land application at Florida Department of Environmental Protection approved sites. The Contractor will provide liquid polymer by the pound to be used as a coagulant at the EWRF. The purpose of the polymer is to thicken and dewater the solids.

FUNDING:

Funding is available in account number 4420-038-1355-4153.

APPROVALS:

The Water Reclamation Division and the Business Development Division concur with this request.

REMARKS:

To qualify for bidding, prospective bidders were required to contact the Procurement Division with a request to schedule testing. Three requests were received for pre-bid testing from Polydyne, Inc., Solenis, LLC, and Marubeni Specialty Chemicals, Inc. The interested bidders went through two rounds of pre-bid lab testing to ensure a compliant polymer qualified during the solicitation period. The full-scale trial for Solenis, LLC was marked incomplete as the polymer provided did not conform to the specifications and was unable to run a continuous two-hour trial.

Award of Invitation for Bids Y19-1092-AH, Liquid Polymer for Eastern Water Reclamation Facility (EWRF)

The purpose of testing prior to the submission of bids was to ensure that the material is consistent with the specifications. If evaluation relied solely on the bids received, without confirmation testing, the County ran the risk of the product not meeting the specifications.

Two bids were received in response to this Invitation for Bids and were evaluated for responsiveness, responsibility, and price reasonableness. As part of their bid response, bidders were required to submit the Mandatory Jar Testing Certification Form which provided the total gallons of sludge processed and pounds of polymer used during a two-hour continuous run. Samples were obtained upon completion of the full-scale trial from both vendors and were sent to the Utilities Department laboratory for evaluation. The sample provided by Polydyne, Inc. met the required specifications of the solicitation.

This bid of \$1.10 per pound is comparable to the existing per pound pricing. Any fluctuation from the pricing of the previous contract may be due to current market pricing of the raw materials needed for manufacturing.

The bid tabulation is as follows:

<u>Bidder</u>	<u>Bid Total</u>
Polydyne, Inc.	\$ 586,305
Marubeni Specialty Chemicals, Inc.	\$ 905,715




Interoffice Memorandum

BUSINESS DEVELOPMENT DIVISION

October 11, 2019

TO: Alina Hernandez Fernandez, Senior Purchasing Agent
Procurement Division

FROM: Kesi Warren, Senior Contract Administrator 
Business Development Division

SUBJECT: Business Development Division Bid Evaluation

PROJECT: **IFB #Y19-1092-AH, Liquid Polymer for Eastern Water Reclamation Facility**

The Business Development Division evaluated the **two bids** submitted for this project. **None of the bidders** are Orange County Certified Minority/Women Business Enterprise (M/WBE) firms. At the time of bid opening, there was no M/WBE availability in the scope of service. Hence, the bid preference program in accordance with the County's M/WBE Ordinance, Section 17-324 can not be applied.

c: Sheena Ferguson, Manager, Business Development Division

