



**Invitation for Bid #2021-008**  
**Sludge Thickening and Dewatering Polymers**

**ADDENDUM No. 1**

**ISSUE DATE: September 9, 2020**

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Bidders on this project are hereby notified that this Addendum shall be made a part of the above named IFB document.

The following items add to, modify, and/or clarify the IFB documents and shall have the full force and effect of the original documents. This Addendum shall be acknowledged by the offeror in the IFB document.

## **Delete/Replace/Add**

- 1) **Delete:** IFB Due Date of ~~September 30, 2020~~ throughout the IFB document and **REPLACE** with the **new IFB Due Date of October 19, 2020** at **2:00PM EST** throughout the IFB document.
- 2) **Delete:** Batch Test dates of August 28<sup>th</sup> thru September 25, 2020 throughout the IFB document and **REPLACE** with new **Batch Test dates of September 14<sup>th</sup> thru October 12, 2020.**
- 3) **Delete**, section 9 APPENDIX A – PRICE FORM in its entirety and **REPLACE** with the attached **Updated** section **9 APPENDIX A – PRICE FORM** (*use the attached updated form when submitting your quote*)
- 4) **Add to Bid:** Four (4) companies participated in the JAR Test. If your company participated in the JAR Test and you are interested in participating in the Batch-scale performance testing, contact Jonathan Jordan at [jonathan.jordan@unioncountync.gov](mailto:jonathan.jordan@unioncountync.gov). on or before September 15, 2020 to schedule a date and time for Batch Testing.

## **Questions and Answers**

1. **Question:** With the goal of fairness and consistency for sample collection, data collection and reporting, we would highly suggest that union county personnel collect and analyze all samples for all bidders. The results from the plant trial would be provided by Union County to the vendor to be utilized in the bid submittal. Would Union County consider a modification to the bid to meet this request?  
**Answer:** County staff can collect and send off samples.
2. **Question:** On page 8 under packaging and shipping, would you please specify the minimum quantity for the LTL bulk delivery?  
**Answer:** Minimum quantities may vary with each vendor due to the feed rates of each polymer, the objective would be to make large enough deliveries to maximize the shelf life of the polymer chosen, orders will be made when quantities reach a minimum amount that will allow for the lead time for each vendor to send a new shipment.
3. **Question:** Would the county consider a modification to the price form that would allow a price to be bid for each packaging option? (LTL bulk/Totes)  
**Answer:** Yes, but used totes must be removed or removal must be coordinated by vendor once we accumulate a maximum of 8 empty totes.
4. **Question:** I hope everything is well on your end. I see that the jar test date is from Aug 17<sup>th</sup> through Aug 21<sup>st</sup>. We wanted to be clear on how this bid process worked. Do we jar test first, figure out what material works best, then quote?  
**Answer:**
  - Jar test to see if they have a good product.
  - Batch test to prove the product and application rate.
  - Submit bid by due date (see bid)
5. **Question:** Is there a list of products you guys already are using that we should quote on?  
**Answer:** No list

6. Question: Would you advise current pricing for above referenced bid scheduled for opening on September 30<sup>th</sup>.

Answer: Refer to item # 7 below and the attached updated "9 Appendix A – Price Form"

7. Question: Who currently holds this business and what the current product name and price is for this application?

Answer: We are currently using Polydyne's Clarifloc C-6286 for thickening. It is priced \$1.15 per pound.

**Attachment No. 1:** Updated section 9 APPENDIX A – PRICE FORM *(use the attached updated form when submitting your bid.)*

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**END OF ADDENDUM No.1**

**Attachment 1 (Addendum No. 1) Submit this form with bid.**

**9 APPENDIX A – PRICE FORM**

**IFB 2021-008, Sludge Thickening and Dewatering Polymers**

Complete the price form for the purchase of Sludge Thickening and Dewatering Polymers as described in the Scope of Work and specifications section of this bid. Any deviation from specifications stated in this solicitation must be clearly indicated. Cost must include all manufacture charges, including delivery (if applicable). Delivery must be within Monday thru Friday, 8:00am to 3:00pm.

**BIDS SHALL NOT BE CONSIDERED UNLESS SUBMITTED ON THIS DOCUMENT**

*Note: Quantities listed herein represent the County’s estimated requirements for Sludge Thickening & Dewatering Polymers.*

<b>PART A ----- THICKENING POLYMER</b>			
<b>(1) Bulk Delivery</b>			
Gallons per day @ .5%-1.3% solids (Typically .7%)	Proposed pound of polymer per gallon sludge to thicken to concentration of 3%- 6% (Typically 4%) <i>Vendor must Insert below.</i>	Polymer price Per Pound <i>(Vendor must Insert below.)</i>	<b>Total Cost per Day</b> <i>(Vendor must Insert Total below.)</i>
150,000			
<b>Total Cost Per Day PART A (1) Bulk Delivery: \$ _____</b>			
<i>Note: Must complete Part A (1) and (2).</i>			
<b>(2) Tote Delivery</b>			
Gallons per day @ .5%-1.3% solids (Typically .7%)	Proposed pound of polymer per gallon sludge to thicken to concentration of 3%- 6% (Typically 4%) <i>Vendor must Insert below.</i>	Polymer price Per Pound <i>(Vendor must Insert below.)</i>	<b>Total Cost per Day</b> <i>(Vendor must Insert Total below.)</i>
150,000			
<b>Total Cost Per Day PART A (2) Tote Delivery : \$ _____</b>			
<i>Note: Must complete Part A (1) and (2).</i>			

<b>GRAND TOTAL: Part A (1) Bulk Delivery + (2) Tote Delivery = \$ _____</b>
<i>Note: Award will be made to the lowest responsive and responsible bidder for PART A (1) + (2). Bidders must provide an amount for Part A (1) and (2) above.</i>

**PART B----- DEWATERING POLYMER**

**(1) Bulk Delivery**

Gallons per day @ 2%-4% (Typically 4% solids)	Proposed pound of polymer per gallon sludge to thicken to concentration of 13%- 17% (Typically 15%) <i>Vendor must Insert below.</i>	Polymer price per pound <i>(Vendor must Insert below.)</i>	<b>Total Cost per Day</b> <i>(Vendor must Insert Total below.)</i>
37,500			

**Total Cost Per Day PART B (1) Bulk Delivery: \$ \_\_\_\_\_**

*Note: Must complete Part B (1) and (2).*

**(2) Tote Delivery**

Gallons per day @ 2%-4% (Typically 4% solids)	Proposed pound of polymer per gallon sludge to thicken to concentration of 13%- 17% (Typically 15%) <i>Vendor must Insert below.</i>	Polymer price per pound <i>(Vendor must Insert below.)</i>	<b>Total Cost per Day</b> <i>(Vendor must Insert Total below.)</i>
37,500			

**Total Cost Per Day PART B (2) Tote Delivery: \$ \_\_\_\_\_**

*Note: Must complete Part B (1) and (2).*

**GRAND TOTAL: Part B (1) Bulk Delivery + (2) Tote Delivery = \$ \_\_\_\_\_**

*Note: Award will be made to the lowest responsive and responsible bidder for PART B (1) + (2).  
Bidders must provide an amount for Part B (1) and (2) above.*

*The award will be made to the lowest responsive, responsible bidder who passed the jar and batch test and meets the requirements described in this bid document for Part A and the lowest responsive, responsible bidder who passed the jar and batch test and meets the requirements for Part B.*

**Name of Company Submitting Bid: \_\_\_\_\_**

Attach Requested Documentation:

- \_\_\_\_\_ Affidavit of compliance to specifications (Material Certification)
- \_\_\_\_\_ Field Jar Test Results (Specifications)
- \_\_\_\_\_ Letter of product commitment (Specifications)
- \_\_\_\_\_ References from at least three municipal clients
- \_\_\_\_\_ Price escalation statement as described in bid document (if applicable)