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**Addendum 1**  
**Solicitation 23-AA01**  
**Water Treatment Chemicals for 2023**

This addendum serves to notify all bidders of the following changes to the solicitation documents:

1. Attached please find information on standard order quantities and annual estimated usage.
2. Attached please find a revised Additional Information Request Form. The price per gallon of liquid aluminum sulfate has been removed since this information is already required in the bid form. In addition, bidders need to be aware that the Additional Information Request Form is not to be submitted *in place of* the bid form, but *in addition to* the bid form.

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the [www.bidexpress.com](http://www.bidexpress.com) solicitation or by initialing and dating next to Addendum #1 on the paper bid form.

Posted: **11/18/2022**

## 2023 City of Duluth Chemical Bid Information

**Chemical**

**Per Delivery**

**Yearly Guestimate**

<b>Liquid Alum Sulfate</b>	<b>6,600 Gallons</b>	<b>125,000 Gallons</b>
<b>Liquid Caustic Soda</b>	<b>4,200 Gallons</b>	<b>70,000 Gallons</b>
<b>Wet Hydrofluorosilicic Acid</b>	<b>43,500 pounds (4,400 gallons)</b>	<b>174,000 pounds (17,600 gallons)</b>
<b>Liquid Anhydrous Ammonia</b>	<b>4000 pounds</b>	<b>16,000 pounds</b>
<b>Liquid Chlorine</b>	<b>4-6 tons</b>	<b>50 tons</b>
<b>Nonionic Polymer (Clarifloc N-3300P or Equivalent)</b>	<b>40 – 55 pound bags (pallet)</b>	<b>Approximately 3000 pounds</b>
<b>Liquid Ammonium Sulfate Solution</b>	<b>2500 gallons 1<sup>st</sup> load 2000 gallons after</b>	<b>18,000 to 20,000 gallons</b>

**Annual Water Treatment Chemical Solicitation for City of Duluth, Minnesota**  
**ADDITIONAL INFORMATION FORM**

**This form does NOT replace the bid form. Rather, it requests information IN ADDITION TO the bid form.**

**1) Liquid Aluminum Sulfate**

Price per US ton \$ \_\_\_\_\_

Weight/Gallon: \_\_\_\_\_/lb

Manufacturer: \_\_\_\_\_

Dry Weight/Gallon: \_\_\_\_\_/lb

Typical shipment weight: \_\_\_\_\_

Provide a primary point of contact for product, delivery, or other questions:

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NAME	PHONE	EMAIL ADDRESS
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**2) Liquid Caustic Soda**

Weight/Gallon: \_\_\_\_\_/lb

Dry Weight/Gallon: \_\_\_\_\_/lb

Manufacturer: \_\_\_\_\_

Normal Truckload Quantity: \_\_\_\_\_

Provide a primary point of contact for product, delivery, or other questions:

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NAME	PHONE	EMAIL ADDRESS
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**3) Wet Hydrofluorosilicic Acid**

Provide a primary point of contact for product, delivery, or other questions:

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NAME	PHONE	EMAIL ADDRESS
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**4) Liquid Anhydrous Ammonia**

Please list any fuel surcharges applicable per load \$ \_\_\_\_\_ or \_\_\_\_\_ %

Please list any Hazmat fee applicable per load \$ \_\_\_\_\_

Provide a primary point of contact for product, delivery, or other questions:

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NAME	PHONE	EMAIL ADDRESS
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**5) Liquid Chlorine**

Please list any fuel surcharges applicable per load \$ \_\_\_\_\_ or \_\_\_\_\_ %

Please list any Hazmat fee applicable per load \$ \_\_\_\_\_

Provide a primary point of contact for product, delivery, or other questions:

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NAME	PHONE	EMAIL ADDRESS
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**Annual Water Treatment Chemical Solicitation for City of Duluth, Minnesota**  
**ADDITIONAL INFORMATION FORM**

**6) Nonionic Polymer (Clarifloc N-3300P or equivalent)**

Provide a primary point of contact for product, delivery, or other questions:

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NAME PHONE EMAIL ADDRESS

**7) Liquid Ammonium Sulfate Solution**

Please list any fuel surcharges applicable per load \$ \_\_\_\_\_ or \_\_\_\_\_ %

Please list any Hazmat fee applicable per load \$ \_\_\_\_\_

Provide a primary point of contact for product, delivery, or other questions:

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NAME PHONE EMAIL ADDRESS