TO: Mayor Shaun Sipma  
Members of the City Council  

FROM: Jason Sorenson, Assistant Public Works Director  

DATE: November 30, 2021  

SUBJECT: 2022 WATER AND WASTEWATER CHEMICALS - AWARD OF BID  
(PROJECT NUMBER 4232)  

I. RECOMMENDED ACTION  

1. Recommend award of bid to the following suppliers for water and wastewater treatment chemicals as follows:  

- Carbon dioxide awarded to American Welding and Gas for $250.00/ton  
- Chlorine awarded to Hawkins Water Treatment Group for $1,725.00/ton  
- Ammonium Sulfate to Thatcher Company for $0.479/lb  
- Calcium Nitrate awarded to Hawkins Water Treatment Group for $3.152/gallon  
- Quicklime awarded to Lhoist North America for $180.75  

II. DEPARTMENT CONTACT PERSONS  

Dan Jonasson, Director of Public Works  857-4140  
Jason Sorenson, Assistant Director of Public Works  857-4140  

III. DESCRIPTION  

A. Background  
On November 30, 2021, the Public Works Department opened bids for chemicals at the Minot Water Treatment Plant and Wastewater Department for 2022. Results of the bid opening are tabulated below:  

<table>
<thead>
<tr>
<th>Bidder</th>
<th>Carbon Dioxide (ton)</th>
<th>Chlorine (ton)</th>
<th>Calcium Sulfate (gal)</th>
<th>Ammonium Sulfate (lb)</th>
<th>Quicklime (ton)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021 Low Bids</td>
<td>$240.00</td>
<td>$625.00</td>
<td>$2.807</td>
<td>$0.294</td>
<td>$146.12</td>
</tr>
<tr>
<td>Hawkins Water Treatment Group</td>
<td>$1,725.00</td>
<td>$3.152</td>
<td>$0.53</td>
<td></td>
<td></td>
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<tr>
<td>American Welding and Gas $250.00</td>
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</tr>
<tr>
<td>Thatcher Company</td>
<td>$3.50</td>
<td>$0.479</td>
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<tr>
<td>Lhoist North America</td>
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<tr>
<td>Pete Lien &amp; Sons</td>
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</tbody>
</table>

B. Proposed Project  
Products are bid out each year for use at the Minot Water Treatment Plant for softening and treating the water as well as the Wastewater Department for odor control.
C. Consultant Selection
   N/A

IV. IMPACT:
   A. Strategic Impact:
      N/A
   B. Service/Delivery Impact:
      N/A
   C. Fiscal Impact:

      Project Costs
      N/A

      Project Funding
      Water Treatment Supplies (14060000-46110) $940,926
      Sewer Dpmt Materials and Supplies (14062000-46101) $253,000

V. ALTERNATIVES
   N/A

VI. TIME CONSTRAINTS
   N/A

VII. LIST OF ATTACHMENTS
   N/A