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**TO:** Mayor Shaun Sipma  
Members of the City Council

**FROM:** Jason Sorenson

**DATE:** September 20, 2018

**SUBJECT:** WATER PLANT CHEMICALS AWARD OF BID (PROJECT NUMBER 4232)

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**I. RECOMMENDED ACTION**

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

- Carbon dioxide awarded to American Welding and Gas for \$245.00/ton
- Chlorine awarded to Hawkins for \$621.60/ton
- Quicklime awarded to Lhoist North America (LNA) for \$138/ton
- Ammonium Sulfate to Thatcher Company for \$0.301/lb

**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 September 20, 2018 the Public Works Department opened bids for chemicals at the Minot Water Treatment Plant for 2019. Results of the bid opening are tabulated below:*

<i>Bidder</i>	<i>Carbon Dioxide (ton)</i>	<i>Chlorine (ton)</i>	<i>Quicklime (ton)</i>	<i>Ammonium Sulfate (lb)</i>
<b><i>2018 Low Bids</i></b>	<b><i>\$190.00</i></b>	<b><i>\$664.00</i></b>	<b><i>\$128.00</i></b>	<b><i>\$0.302</i></b>
<i>Hawkins</i>		<i>\$621.60</i>		<i>\$0.3258</i>
<i>American Welding and Gas</i>	<i>\$245.00</i>			
<i>Thatcher Company</i>				<i>\$0.301</i>
<i>DPC Industries</i>		<i>\$679.00</i>		
<i>Lhoist North America</i>			<i>\$138.00</i>	
<i>Graymont</i>			<i>\$147.00</i>	
<i>Pete Lien &amp; Sons</i>			<i>\$151.50</i>	
<i>Praxair</i>	<i>\$400.00</i>			

B. Proposed Project  
N/A

C. Consultant Selection

N/A

**IV. IMPACT:**

A. Strategic Impact:

*There has been some significant fluctuations in chemical prices over the past couple years. Lime makes up the majority of chemical expenses, costing the City over \$600,000 per year. Bids for lime included an option to extend the contract for up to two additional years with an allowance for small increases if necessary to cover industry changes. This will be looked at next year prior to bidding to ensure both parties are in agreement for the next year.*

B. Service/Delivery Impact:

N/A

C. Fiscal Impact:

Project Costs

N/A

Project Funding

Water Treatment Supplies (140-6000-506.06-10)                      \$980,000

**V. ALTERNATIVES**

N/A

**VI. TIME CONSTRAINTS**

N/A

**VII. LIST OF ATTACHMENTS**

N/A