August 14, 2020

INVITATION TO BID
BP20-08

The City of Marquette will receive sealed bids for:

WATER AND WASTEWATER TREATMENT CHEMICALS

Deadline and bid opening will be at 2:00 p.m. (local time), Tuesday, September 15, 2020. Bids will be opened via conference call. Please email bids to Katie Burnette at kburnette@marquettemi.gov. Mailed in submissions will be accepted as long as they are received by September 15th at 2:00 p.m.

Mail bids to: City of Marquette
Attn: Katie Burnette, Finance Department
300 W. Baraga Avenue
Marquette, MI 49855

The City of Marquette reserves the right to reject any and all bids if judged not to be in the best interest of the City.

L. Michael Angefi

For technical inquiries or further information, contact: Mark O’Neill
Director of Municipal Utilities
City of Marquette
300 W. Baraga Avenue
Marquette, MI 49855
(906) 225-4054
moneill@marquettemi.gov
BP20-08 WATER TREATMENT CHEMICALS - continued

INTENT

It is the intent of the City of Marquette to contract with a vendor and establish a price for furnishing water treatment chemicals to the Water Filtration Plant and the Wastewater Treatment Facility.

DELIVERY

All prices bid shall include any shipping and handling. The materials shall be shipped in vehicles equipped with a hydraulic lift for removing pallets, cylinders and drums.

CONTRACT TERM

The Contract term shall be for one year beginning October 1, 2020 and ending September 30, 2021. The City shall retain the right to cancel the contract at any time by giving the vendor 30 days written notification.

QUANTITIES

The quantities listed in the Proposal Section of these specifications represent estimated quantities only. The total should not be construed to be guaranteed minimum or maximum to be purchased under the contract. Unit price bid will be used to determine the low bid. Do not leave blank lines on the Price Proposal Sheet. Bidder should write “No Bid” if not bidding on specific chemicals.

EXPRESS WARRANTIES

All water treatment chemicals furnished during the term of the contract must be fully warranted for effectiveness.

In the event city operations require a different treatment, the city reserves the right to change the quality of chemicals herein and negotiate a new price or re-bid the contract.

AWARD

The City of Marquette intends to award contracts to the bidder with the lowest unit bid price for each of the products listed as items I-VII but reserves the right to award single or multiple contracts, by group or in total, in the best interest of the city.

CLARIFICATIONS

Questions regarding ambiguities or the propriety of these specifications shall be addressed in writing to Mark O’Neill (moneill@marquettemi.gov) prior to the formal bid opening. Such questions will not be entertained after said bid opening.
<table>
<thead>
<tr>
<th>Item No.</th>
<th>Chemical</th>
<th>Technical Description</th>
<th>Load Volume</th>
<th>Est'd Annual Volume Consumed</th>
<th>Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Liquid Hydrofluosilic Acid</td>
<td>23.0% to 26.0% to HSF</td>
<td>4,500 - gallon bulk delivery as needed</td>
<td>48,000 lbs.</td>
<td>Per pound</td>
</tr>
<tr>
<td>II</td>
<td>Sodium Bisulfite</td>
<td>Minimum 38.0% Sodium Bisulfite solution</td>
<td>4,500 - gallon bulk delivery</td>
<td>4,500 gallons</td>
<td>Per pound</td>
</tr>
<tr>
<td>III</td>
<td>Water Softener Salt</td>
<td>99.5% (± 0.5%) pure, Pellets</td>
<td>50 pound bags</td>
<td>Approximately one full truckload (18 pallets)</td>
<td>Per pound</td>
</tr>
<tr>
<td>IV</td>
<td>Sodium Hydroxide</td>
<td>50% caustic soda</td>
<td>4,500 - gallon bulk delivery</td>
<td>4,500 gallons</td>
<td>Per gallon</td>
</tr>
<tr>
<td>V</td>
<td>Sodium Aluminate</td>
<td>(Technical Grade) 38%</td>
<td>4,000 - gallon bulk delivery as needed</td>
<td>20,000 gallons A Certificate of Analysis must accompany each delivery</td>
<td>Wet Ton</td>
</tr>
<tr>
<td>VI</td>
<td>Liquid Sodium Hypochlorite</td>
<td>12% - CL2</td>
<td>4,000 gallon bulk delivery as needed</td>
<td>28,000 gallons</td>
<td>Per gallon</td>
</tr>
<tr>
<td>VII</td>
<td>Activated Carbon</td>
<td>Typical H2S capacity 0.2 g/cc, Total surface area (N2 – BET method) 1,050 to 1,150 m²/gm., apparent density 0.39 minimum, mean particle diameter 3.7 mm – 4.0 mm, moisture content 4% maximum, hardness 97% minimum</td>
<td>N/A</td>
<td>2,000 lbs</td>
<td>Per pound</td>
</tr>
</tbody>
</table>

Signed: 
Title: 
Firm: 
Address: 
Phone #: 
Email: 