

CITY OF WEST COLUMBIA, SOUTH CAROLINA

REQUEST FOR PROPOSALS-Full Package

Requestor: City of West Columbia
Lake Murray Water Treatment Facility
730 Old Cherokee Rd.
Lexington, SC 29072
Contact: Trey Varn
tvarn@westcolumbiasc.gov
Tel: (803) 957-4596

PROJECT: Chemical Metering Pump Procurement:

The City of West Columbia (hereinafter City) is seeking a price proposal from qualified local contractors/vendors to provide a proposal for the purchase of peristaltic chemical metering pumps for the following applications:

(2) Poly-Aluminum Chloride peristaltic metering pumps with VFD: (Water Plant 2)

- Motor Type: 230-460/3/60, VFD Type: 460/3/60, **OR** 100-120/220 VAC, 50-60 Hz.
- Flow rates to 41 GPH. (Motor turndown 8 GPH at low flow rates).
- Discharge pressure up to 30 psi.
- Hose rupture leak detection sensor.
- Remote and manual start, stop, forward/reverse, speed control. 4 – 20 mA.
- Configurable NO or NC relay outputs for run/stop, direction, auto/manual status and alarm conditions.
- Orientation: right facing

(2) Sodium Hydroxide high flow peristaltic metering pumps with VFD: (Water Plant 2)

- Flow rates to 144 GPH. (Motor turndown to 23 GPH at low flow rates).
- Motor Type: 230-460/3/60, VFD Type: 460/3/60, **OR** 100-120/220 VAC, 50-60 Hz.
- Discharge pressure up to 30 psi.
- Hose rupture leak detection sensor.
- Remote and manual start, stop, forward/reverse, speed control. 4 – 20 mA.
- Configurable NO or NC relay outputs for run/stop, direction, auto/manual status and alarm conditions.
- Orientation: right facing

(1) Sodium Hydroxide low flow peristaltic metering pump with VFD: (Water Plant 2)

- Flow rates to 41 GPH. (Motor turndown to 8 GPH at low flow rates).
- Motor Type: 230-460/3/60, VFD Type: 460/3/60, **OR** 100-120/220 VAC, 50-60 Hz.
- Discharge pressure up to 30 psi.
- Hose rupture leak detection sensor.
- Remote and manual start, stop, forward/reverse, speed control. 4 – 20 mA.
- Configurable NO or NC relay outputs for run/stop, direction, auto/manual status and alarm conditions.
- Orientation: right facing

(2) Hypochlorite (0.8%) peristaltic metering pumps with VFD: (Water Plant 2)

- Flow rates to 985 GPH. (Motor turndown to 218 GPH at low flow rates).
- Motor Type: 230-460/3/60, VFD Type: 460/3/60
- Discharge pressure up to 30 psi.
- Hose rupture leak detection sensor.
- Remote and manual start, stop, forward/reverse, speed control. 4 – 20 mA.
- Configurable NO or NC relay outputs for run/stop, direction, auto/manual status and alarm conditions.
- Orientation: right facing

(1) Hypochlorite (0.8%) peristaltic metering pump with VFD: (Water Plant 2)

- Flow rates to 492 GPH. (Motor turndown 25 GPH at low flow rates).
- Motor Type: 230-460/3/60, VFD Type: 460/3/60.
- Discharge pressure up to 30 psi.
- Hose rupture leak detection sensor.
- Remote and manual start, stop, forward/reverse, speed control. 4 – 20 mA.
- Configurable NO or NC relay outputs for run/stop, direction, auto/manual status and alarm conditions.
- Orientation: right facing

(2) Hypochlorite (12%) peristaltic metering pumps with VFD: (Water Plant 2)

- Flow rates to 66 GPH. (Motor turndown to 12 GPH at low flow rates).
- Motor Type: 230-460/3/60, VFD Type: 460/3/60.
- Discharge pressure up to 30 psi.
- Hose rupture leak detection sensor.
- Remote and manual start, stop, forward/reverse, speed control. 4 – 20 mA.
- Configurable NO or NC relay outputs for run/stop, direction, auto/manual status and alarm conditions.
- Orientation: right facing

(1) Hypochlorite (12%) peristaltic metering pump with VFD: (Water Plant 2)

- Flow rates to 22 GPH. (Motor turndown to 4 GPH at low flow rates).
- Motor Type: 230-460/3/60, VFD Type: 460/3/60.
- Discharge pressure up to 30 psi.
- Hose rupture leak detection sensor.
- Remote and manual start, stop, forward/reverse, speed control. 4 – 20 mA.
- Configurable NO or NC relay outputs for run/stop, direction, auto/manual status and alarm conditions.
- Orientation: right facing

(3) Miox (0.4%) peristaltic metering pump with VFD: (Water Plant 1)

- Flow rates to 200 GPH. (Motor turndown 20 GPH at low flow rates).
- Motor Type: 230-460/3/60, VFD Type: 460/3/60.
- Discharge pressure up to 30 psi.
- Hose rupture leak detection sensor.
- Remote and manual start, stop, forward/reverse, speed control. 4 – 20 mA.
- Configurable NO or NC relay outputs for run/stop, direction, auto/manual status and alarm conditions.
- Orientation: right facing

The City requires a mandatory site survey and evaluation to ensure that the scope of work is completely understood.

TERMS AND CONDITIONS RELATED TO THE REQUEST FOR PROPOSALS

The following sections outline the requirements for the qualifications and the RFP process. The section also includes the required Proposal Submission Form. Vendors/Proposers are cautioned to read this section carefully. Failure to provide all the requested information may cause the proposal to be rejected as non-responsive.

2.1 Type of Solicitation and Submission Details:

This is a request for proposals (RFP) for the work described above and hereinafter. The City intends to award a contract to the responsive and responsible Proposer/Vendor who submits the lowest prices for the equipment described in this RFP.

Sealed proposals shall be received no later than 2:00 p.m. (EST), Wednesday, May 22, 2019. Sealed proposals delivered after the appointed time will not be accepted. It shall be the contractor's responsibility to ensure the timely receipt of their sealed proposal package. Sealed Proposals shall be submitted to City of West Columbia at the following address:

**City of West Columbia – Chemical Metering Pumps
Lake Murray Water Treatment Plant**
C/O Trey Varn
730 Old Cherokee Rd.
Lexington, SC 29072

2.2 Contact/Questions:

All questions in request by interested Contractors/Proposers concerning this RFP shall be in writing and directed to:

Trey Varn
730 Old Cherokee Rd.
Lexington, SC 29072
Email: tvarn@westcolumbiasc.gov
Tel: 803-957-4596

2.3 Reserved Rights:

The City reserves the right to reject any and/or all Proposal packages; to waive any informality or irregularity not affected by law; to evaluate, in its absolute discretion, the proposal to which best serves the interest of the City.

Sealed proposals shall be received no later than **2:00 p.m. (EST), Wednesday, May 22, 2019**. Sealed proposals delivered after the appointed time will not be accepted. It shall be the Vendor/Proposer's responsibility to ensure the timely receipt of their sealed proposal package. Sealed Proposals shall be submitted to City of West Columbia at the following address:

**City of West Columbia – Chemical Metering Pumps
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Lexington, SC 29072

2.3. Addenda

Vendor/Proposer's are required to monitor the bid opportunity as posted on our website www.westcolumbiasc.gov for all addenda to the RFP. Additional copies of any addendum(s) will be available from the administrating department if needed. It is the responsibility of the Vendor/Proposer to ensure all addenda were received and to acknowledge receipt of all addenda, on the bid form. Failure to comply may result in Vendor/Proposer's bid being rejected

2.4 General Information Required:

Use the attached Proposal Form to provide the following required information:

- Vendor/Proposer Name;
- Full address, email, telephone and fax numbers of the Vendor/Proposer principle office;
- Company Website address;
- Name, mailing address, email, telephone number, if different from above, of the primary contact for the Vendor/Proposer with responsibility for responding to this RFP;
- If an addendum is issued, provide acknowledgement of each addendum to this RFP issued by the city of West Columbia and received by the Vendor/Proposer.

2.5. Delivery and Lead Time

a. If goods and/or services cannot be delivered in the time required, the City reserves the right to cancel the order and purchase from an alternate Supplier.

b. Delivery time may be taken into consideration when evaluating Vendor/Proposer's submissions prior to award.

c. All deliveries shall be made between 7:00 a.m. and 4:00 p.m. Monday through Friday.

2.6. Payment Terms

a. Payment terms are net 30 days upon receipt of goods and department sign-off.

b. All invoices must reference the purchase order number and forwarded to the address indicated on the purchase order.

c. The City will not provide prepayment for any order.

END OF RFP

**Attachment: RFP Chemical Metering Pump Procurement Proposal Submission Form
(pages P-1 thru P-3)**