



THE CITY OF  
MT. PLEASANT, MICHIGAN

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**CITY HALL**  
320 W. Broadway • 48858-1698  
(989) 779-5300  
(989) 773-4691 fax

**PUBLIC SAFETY**  
804 E. High • 48858-3595  
(989) 779-5100  
(989) 773-4020 fax

**PUBLIC WORKS**  
1303 N. Franklin • 48858-4682  
(989) 779-5400  
(989) 772-6250 fax

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**PRE-BID ADDENDUM NO. 1**

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Project Bid: 2010 Chemical Feed Pumps Bid

Bid Date: February 23, 2010  
Time: 1:30 p.m.

Opening: Office of the City Clerk  
City Hall  
320 W. Broadway Street  
Mt. Pleasant, Michigan 48858-2447

Addendum Issued By: Malcolm Fox, Superintendent  
Water Department

Date Issued: January 28, 2010

Intent: To include an additional line item to consider the purchase of four (4)  
flow verification systems

Bid Proposal: Revised and attached

Specifications: No change

[2010 Chemical Feed Pumps Bid – Addendum 1]

[Form 24]

City of Mt. Pleasant, Michigan

**PROPOSAL**

**2010 CHEMICAL FEED PUMPS PURCHASE**

TO: Office of the City Clerk  
City Hall  
320 W. Broadway Street  
Mt. Pleasant, MI 48858-2447

BID DATE: February 23, 2010  
TIME: 1:30 p.m.

In accordance with the specifications and other bid requirements heretofore provided, the undersigned agrees to provide the below listed bid items at the price(s) set forth below. **This is a firm bid and not subject to withdrawal or change for a period of 60 days.** The purchase of four flow verification systems is subject to approval and should not be considered a guaranteed purchase.

<u>BID ITEMS</u>	<u>QTY</u>	<u>UNIT</u>	<u>TOTAL</u>
1. Chemical Feed Pumps	4	Each	\$ _____
2. Flow Verification System Equipment	4	Each	\$ _____

\_\_\_\_\_  
(written) \_\_\_\_\_ and \_\_\_\_\_/100 Dollars.

Respectfully submitted by:

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE \_\_\_\_\_ ALT. TELEPHONE \_\_\_\_\_

FAX \_\_\_\_\_ EMAIL \_\_\_\_\_

AUTHORIZED SIGNATURE \_\_\_\_\_

PRINT OR TYPE NAME & TITLE \_\_\_\_\_

DATE \_\_\_\_\_



THE CITY OF  
**MT. PLEASANT**, MICHIGAN

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**CITY HALL**

320 W. Broadway • 48858-2312  
(989) 779-5300  
(989) 773-4691 fax

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(989) 772-6250 fax

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**PRE-BID ADDENDUM NO. 2**

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Project Bid: 2010 Chemical Feed Pumps Bid

Bid Date: February 23, 2010  
Time: 1:30 p.m.

Opening: Office of the City Clerk  
City Hall  
320 W. Broadway Street  
Mt. Pleasant, Michigan 48858-2447

Addendum Issued By: Malcolm Fox, Superintendent  
Water Department

Date Issued: February 5, 2010

Intent:

1. To remove from the Pulsafeeder Chem-Tech XPV pump from the list of acceptable pumps.
2. To add the Wason-Marlow 520UN series pump to the list of acceptable pumps.
3. To stipulate that all pumps submitted for this bid shall meet all requirements of the bid specification.

Bid Proposal: No change

Specifications: Updated and attached

[2010 Chemical Feed Pumps Bid – Addendum 2]

**City of Mt. Pleasant - Water Department  
Chemical Feed Pumps Purchase  
BID SPECIFICATIONS**

**Definitions:**

The following definitions shall apply in this Specification:

Purchaser - The City of Mt. Pleasant, henceforth known as the Owner.

Vendor - The party that supplies the equipment and provides hardware, and related services.

**Scope of Project:**

The City of Mt. Pleasant treats water using several processes, including disinfection using sodium hypochlorite (NaOCl). The NaOCl pumps are operated using the Water Treatment Plant Supervisory and Data Acquisition (SCADA) system. This project will replace the original four NaOCl feed pumps with four (4) new Vendor-supplied pumps.

**Supplied Equipment:**

The Vendor shall provide the four (4) peristaltic chemical feed pumps and necessary technical assistance for the installation of the pumps by Owner staff.

**Vendor Services:**

- A. Provide peristaltic metering tube pumps that meet the following requirements;
1. Flow Capacity 0 – 5.0 gal/hr
  2. Tube and related materials resistant to NaOCl
  3. Meet FDA criteria for food
  4. Enclosure must meet NEMA 4X and IP66 ingress protection rating
  5. Analog input of 4-20mA, for speed control in Auto mode. Signal response must be scalable over any part of the drive speed range
  6. Dry contact closure or TTL input for remote start/stop-functional in both the Auto and Manual modes
  7. Flow Verification Sensor (FVS) input which is designed to stop the pump and provide a contact closure output or relay output in the event the sensor does not detect chemical during the pumping operation
  8. Analog output of 4-20mA. Signal response must be scalable over any part of the drive speed range
  9. Leak detector system shall trigger relay (10 amp) and/or three (1 amp) contact closure outputs to communicate to external devices
  10. Two-year warranty

- B. Provide on-site technical assistance as needed during installation and start-up. Installation will be performed by Owner staff.

**Basis of Award:**

The Owner reserves the right to accept or reject any or all bids, to waive any irregularities in the bids, and to select the bid(s) considered most advantageous to the City. The pumps submitted for this bid must meet all requirements of the bid specifications.

**Vendor Qualifications:**

The following pumps are acceptable:

- 1) Blue-White A3 Series
- 2) Larox LPP-M Series
- 3) Watson-Marlow 520UN Series

**Bid Due Date:**

February 23, 2010 at 1:30 p.m. Address bids as: "NaOCl Pumps-February 23, 2010," City of Mt. Pleasant, 320 West Broadway Street, Mt. Pleasant, Michigan, 48858.

**Date of Award:**

March 10, 2010.

**Project Start Date:**

March 11, 2010.

**Assignments:**

The Vendor agrees not to assign or transfer this contract or any part thereof without the written consent of the Owner. Any unauthorized assignment may subject the Vendor to immediate termination.

**Errors / Omissions / Discrepancies:**

Any errors, omissions, or discrepancies in this Specification discovered by the Vendor and/or service provider shall be brought to the attention of Malcolm Fox, Supervisor, Water Treatment Plant, as soon after discovery as possible. Further, the Vendor and/or service provider shall not be allowed to take advantage of errors, omissions, or discrepancies in the Specification.

**Default:**

Is defined as the failure of the Vendor to fulfill the obligations of the Contract, including but not limited to: failure to deliver on time, or the unauthorized substitution of articles other than those approved through the submittal process; or failure to deliver specified services. If continued abuse or any or all of the above conditions persist, the Owner will notify the Vendor in writing. The Vendor will be given ten days to correct this "Default" condition. Failure to do so within the specified period will result in the Owner canceling the Contract and procuring the articles or services from other sources and hold the Vendor responsible for any excess cost occasioned thereby.

**Termination:**

The Owner reserves the right to terminate the Agreement with the Vendor for cause, without any liability, upon 10 days notice from the Director of Public Works or his authorized representative, (See Default above).

**Indemnification:**

The Vendor agrees to defend, indemnify and hold harmless the Owner, its employees and agents from all claims and lawsuits arising out of its performance of this Contract.

**Additional Information:**

Bidders may contact Malcolm Fox, Water Department Supervisor, at (989) 779-5430 or [mfox@mt-pleasant.org](mailto:mfox@mt-pleasant.org) for additional or detailed information beyond that contained in this Specification.

City of Mt. Pleasant, Division of Public Works  
Mt. Pleasant, Michigan

Pool & Electrical Products, Inc.  
1250 E. Francis St.  
Ontario, CA 91761

USA Blue Book  
3781 Bur Wood Dr.  
Waukegan, IL 60085

Harrington Industrial Plastics  
4540-D East Paris Ave. SE  
Grand Rapids, MI 49512

**2010 NaOCI Chemical Feed Pump Bid**

ITEM	DESCRIPTION	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1	Chemical Feed Pumps	4	\$2,136.00	\$8,544.00	\$2,125.00	\$8,500.00	\$2,352.94	\$9,411.76
2	Flow Verification System Equipment	4	\$104.80	\$419.20	\$137.00	\$548.00	\$95.94	\$383.76
<b>TOTAL BID</b>				<b>\$8,963.20</b>	<b>\$9,048.00</b>		<b>\$9,795.52</b>	
				<b>*Did not meet specs</b>	<b>*Did not meet specs</b>			

Macomb Group  
3137 S. Saginaw Rd.  
Midland, MI 48640

Detroit Pump & Mfg. Co.  
450 Fair Ave., Building D  
Ferndale, MI 48220

Mullarkey Associates, Inc.  
12346 S. Keeler Ave.  
Alsip, IL 60803

ITEM	DESCRIPTION	QTY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1	Chemical Feed Pumps	4	\$2,600.00	\$10,400.00	\$2,660.00	\$10,640.00	\$2,992.50	\$11,970.00
2	Flow Verification System Equipment	4	\$145.63	\$582.52	\$138.00	\$552.00	\$159.69	\$638.76
<b>TOTAL BID</b>				<b>\$10,982.52</b>	<b>\$11,192.00</b>		<b>\$12,608.76</b>	

Watson Marlow/Bredel  
37 Upton Technology Park  
Wilmington, MA 01887

ITEM	DESCRIPTION	QTY	UNIT COST	TOTAL
1	Chemical Feed Pumps	4	\$3,625.00	\$14,500.00
2	Flow Verification System Equipment	4	No bid	
<b>TOTAL BID</b>			<b>\$14,500.00</b>	

City of Mt. Pleasant, Michigan  
**INSTRUCTIONS TO BIDDERS**

1. **Proposals**

Proposals must be made upon the forms provided, therefore, with the Bid amount both written and shown in figures, and all other data required submitted.

The Proposal, bound together with all Proposal Documents, must be enclosed in a sealed envelope marked as specified in the Notice to Bidders for such Bid and clearly indicating the name and address of the Bidder and must be received by the City Clerk, City Hall, 320 West Broadway Street, Mt. Pleasant, Michigan 48858, no later than the time and date specified in the Notice to Bidders. At such specified time, Proposals shall be publicly opened and read aloud.

2. **Basis of Proposals**

Proposals are solicited on the basis of unit price(s) and/or lump sum(s), as specified on the Proposal form.

The City of Mt. Pleasant, (also referred to as "Owner"), reserves the right to accept any Bid, to reject any or all Bids, and to waive any irregularities in the Bids, and to select the Bid considered most advantageous to the city.

3. **Comparison of Bids**

In comparing Bids, consideration shall be given to the time proposed for completion of the Contract, qualifications of Bidder, price differentials, alternate Proposals for those items listed in the proposal (if applicable), and any other pertinent factors. The Owner reserves the right to make an award to the Bidder whose Proposal is deemed to be in the best interest of the Owner.

4. **Time**

Time is of the essence in the performance of the Contract, and each Bidder, by submitting a Proposal, certifies his/her acceptance of the time allowed by the Contract for the completion of the work specified.

5. **Indemnification**

The Contractor shall save and hold harmless the city and its employees from and against all claims, damages, losses, or expenses, including attorney's fees, arising out of or resulting from the performance of the work; provided that any such claim, damage, loss or expense is caused in whole or in part by any negligent or willful act of omission of the contractor, subcontractor, employee, or anyone under their direction. The Contractor shall at his/her own expense, defend any and all such actions and shall pay all attorney's fees, costs, and expenses pertaining thereto.

## 6. Interpretation of Documents

If any Bidder is in doubt as to the true meaning of any part of the Plans, Specifications or any Contract Document, he/she may submit to the Owner a written request for an interpretation thereof. Any interpretation made in response to such query shall be made only by Addendum, duly issued, and a copy of such Addendum shall be mailed or duly delivered to each prospective Bidder. The Owner shall not be responsible for any other explanation or interpretation of the Contract Documents.

## 7. Execution of Bid Proposal

A Bid Proposal which is not signed by the individual making it should have attached thereto a Power of Attorney evidencing authority to sign the Bid Proposal in the name of the person for whom it is signed.

A Bid Proposal, which is signed by a partnership, shall be signed by all of the partners or by an Attorney-in-Fact. If signed by an Attorney-in-Fact, there should be attached to the Bid, a Power of Attorney evidencing authority to sign the Bid Proposal in the name of the partnership and such Power of Attorney shall be signed by all partners of the partnership.

A Bid Proposal, which is signed for a corporation should have the correct corporate name thereof and the signature of the President, or other authorized officer(s) of the corporation, manually written below the corporate name and on the line indicating "By:\_\_\_\_\_." If such Bid Proposal is manually signed by an officer other than the president of the corporation, a certified copy of the Resolution of the Board of Directors evidencing the authority of such officer(s) to sign the Bid Proposal should be attached thereto. Such Bid Proposal should also bear the attested signature of the Secretary of the corporation and an impression of the corporate seal.

## 8. Delivery

The successful Bidder shall deliver equipment and/or materials as specified to the City of Mt. Pleasant, Division of Public Works, 1303 N. Franklin Street, Mt. Pleasant, Michigan, 48858. The proposal amount should include delivery F.O.B. Mt. Pleasant. All equipment, literature, manuals, warranty papers, and any other items listed in the specifications of the equipment or materials, must be delivered before payment in accordance with this contract.

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/amm  
May 30, 1997



THE CITY OF  
**MT. PLEASANT**, MICHIGAN

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## NOTICE TO BIDDERS

### 2010 Chemical Feed Pumps Bid

The City of Mt. Pleasant, Michigan, is requesting sealed bids at the Office of the City Clerk, City Hall, 320 W. Broadway Street, Mt. Pleasant, Michigan 48858, until 1:30 p.m. (local time), on Tuesday, February 23, 2010, at which time and place the bids will be publicly opened and read. All bids shall be submitted in a sealed envelope, plainly marked "2010 Chemical Feed Pumps Bid" - Tuesday, February 23, 2010."

Proposals are solicited on a unit price basis, for the following items:

Peristaltic Chemical Feed Pump 4 Each

No bid bond or performance bond is required.

Complete specifications are available for downloading on the City's website at <http://www.mt-pleasant.org/depts/finance/Docs/purchasing>, then click on the link to "2010 Chemical Pump Purchase".

The City of Mt. Pleasant reserves the right to accept or reject any or all bids, to waive any irregularities in the bids, and to select the bid considered most advantageous to the City.

Jeremy Howard  
City Clerk  
(989) 779-5374

Malcolm Fox  
Water Plant Supervisor  
(989) 779-5426

Date: January 27, 2010

[Form 24]

City of Mt. Pleasant, Michigan

**PROPOSAL**

**2010 CHEMICAL FEED PUMPS PURCHASE**

TO: Office of the City Clerk  
City Hall  
320 W. Broadway Street  
Mt. Pleasant, MI 48858-2447

BID DATE: February 23, 2010  
TIME: 1:30 p.m.

In accordance with the specifications and other bid requirements heretofore provided, the undersigned agrees to provide the below listed bid items at the price(s) set forth below. **This is a firm bid and not subject to withdrawal or change for a period of 60 days.**

<u>BID ITEMS</u>	<u>QTY</u>	<u>UNIT</u>	<u>TOTAL</u>
Chemical Feed Pumps	4	Each	\$ _____

\_\_\_\_\_ (written) \_\_\_\_\_ and \_\_\_\_\_/100 Dollars.

Respectfully submitted by:

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE \_\_\_\_\_ ALT. TELEPHONE \_\_\_\_\_

FAX \_\_\_\_\_ EMAIL \_\_\_\_\_

AUTHORIZED SIGNATURE \_\_\_\_\_

PRINT OR TYPE NAME & TITLE \_\_\_\_\_

DATE \_\_\_\_\_

**City of Mt. Pleasant - Water Department  
Chemical Feed Pumps Purchase  
BID SPECIFICATIONS**

**Definitions:**

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**Scope of Project:**

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**Supplied Equipment:**

The Vendor shall provide the four (4) peristaltic chemical feed pumps and necessary technical assistance for the installation of the pumps by Owner staff.

**Vendor Services:**

- A. Provide peristaltic metering tube pumps that meet the following requirements;
1. Flow Capacity 0 – 5.0 gal/hr
  2. Tube and related materials resistant to NaOCl
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  7. Flow Verification Sensor (FVS) input which is designed to stop the pump and provide a contact closure output or relay output in the event the sensor does not detect chemical during the pumping operation
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  9. Leak detector system shall trigger relay (10 amp) and/or three (1 amp) contact closure outputs to communicate to external devices
  10. Two-year warranty

- B. Provide on-site technical assistance as needed during installation and start-up. Installation will be performed by Owner staff.

**Basis of Award:**

The Owner reserves the right to accept or reject any or all bids, to waive any irregularities in the bids, and to select the bid(s) considered most advantageous to the City.

**Vendor Qualifications:**

The following pumps are acceptable:

- 1) Blue-White A3 Series
- 2) Larox LPP-M Series
- 3) Pulsafeeder Chem-Tech XPV Series

**Bid Due Date:**

February 23, 2010 at 1:30 p.m. Address bids as: "NaOCl Pumps-February 23, 2010," City of Mt. Pleasant, 320 West Broadway Street, Mt. Pleasant, Michigan, 48858.

**Date of Award:**

March 10, 2010.

**Project Start Date:**

March 11, 2010.

**Assignments:**

The Vendor agrees not to assign or transfer this contract or any part thereof without the written consent of the Owner. Any unauthorized assignment may subject the Vendor to immediate termination.

**Errors / Omissions / Discrepancies:**

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**Termination:**

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**Indemnification:**

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**Additional Information:**

Bidders may contact Malcolm Fox, Water Department Supervisor, at (989) 779-5430 or [mfox@mt-pleasant.org](mailto:mfox@mt-pleasant.org) for additional or detailed information beyond that contained in this Specification.