



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

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**CITY HALL**

320 W. Broadway • 48858-2447  
(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. 2**

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Project Bid: Well #17 Rehabilitation, Pump and Motor Inspection and Repair

Bid Date: March 8, 2011

Time: 1:30 p.m.

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

Addendum Issued By: Malcolm Fox, Supervisor  
Water Department  
Division of Public Works  
1303 N. Franklin Street  
Mt. Pleasant, Michigan 48858

Date Issued: March 4, 2011

Intent: To remove the replacement of the check valve under  
Item 3: Major Pump Repair Parts in the bid  
specifications. The check valve will not be replaced.

Bid Proposal: No change

Specifications: Changed to remove the check valve replacement.

City of Mt. Pleasant  
2011 Well #17 Rehabilitation,  
Pump and Motor Inspection and Repair

## SPECIFICATIONS

The City of Mt. Pleasant is accepting bids for the inspection and rehabilitation of Well #17, located at 3995 East Deerfield Road, Mt. Pleasant, to include all the materials specified below, labor, equipment, and chemicals. The Pump Installation Report is attached.

Item 1: Rehabilitation - Work on Well #17 shall be as follows:

1. Provide before and after television logs of the well casing and screen with a copy of each furnished to the Owner.
2. The casing shall be swabbed and scoured.
3. The screen shall be cleaned with either acid and chemicals or sonar jet combined with chemicals.
4. After chemical cleaning, the debris from the well shall be bailed or air lifted from the well and screen.
5. After the pump has been reinstalled, the well shall be chlorinated. Contractor is responsible for cleaning and chlorinating the well to provide a bacteria-free well.
6. After chlorination and the installation of the pump, a Pump Efficiency Field Test shall be performed. The Efficiency Test Report shall be submitted to the Owner.

## NORMAL OVERHAUL

Item 2 – Pump and Motor Repair - Well #17

1. Complete motor overhaul with bearings.
2. Reconditioning of the head.
3. Stuffing box bearings.
4. A set of packings.
5. Water slinger.
6. Copper tube air line complete with gauge and fittings.
7. Pressure gauge complete with petcock and fittings.
8. Set of discharge nuts, bolts, and gaskets.
9. All new rubber line shaft bearings.
10. Realignment of all shafting.
11. Set of bronze bowl bearings.
12. Set of bronze wear bearings.
13. Metalize and machine impellers.
14. H.T.H. chlorine to sterilize well and pump.
15. Grease and paint.

16. All labor to include: Mobilization to job site, setup, complete pump removal, demobilization to your shop, clean entire pump for inspection, installation of parts in items 1-15, mobilization to job site, setup, set complete pump, chlorination, and final demobilization. Before pulling the pump from Well #17, an Increment Head Capacity Test must be run so that the condition of the wells can be determined.

Item 3: Major Pump Repair Parts - Well #17

1. Pump column.
2. Combination coupling.
3. Shaft with stainless steel sleeve and C.S. coupling.
4. ~~Check valve replacement~~
5. Pump casing replacement