



# THE CITY OF MT. PLEASANT, MICHIGAN

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## PRE-BID ADDENDUM NO. 2

Project Bid: 2007 Wastewater Treatment Plant Septage Receiving Facility  
Contract #2 – Furnish and Install Septage Receiving Equipment

Bid Date: October 30, 2007

Time: 1:30 p.m.

Opening: City Clerk's Office, 401 N. Main Street, Mt. Pleasant, Michigan

Addendum Issued By: Duane Ellis, Director  
Division of Public Works  
Engineering Department  
1303 N. Franklin Street  
Mt. Pleasant, Michigan 48858  
(989) 779-5402

Date Issued: October 23, 2007

Intent: The purpose of this addendum is to modify sections of the construction plans and specifications as discussed below.

Bid Proposal: No changes.

Specifications: Page 1 - General  
**Insert** – Installation of the septage receiving unit includes the following to provide a fully functioning septage receiving unit:

- a. Electrical connection from building electrical panel to septage unit. Also miscellaneous wiring required to install septage unit control panels, hauler control station, and septage management software.
- b. Connection from building water system to septage unit water spray system. Two 3/4-inch water services will be provided by the Contract #1 building contractor as shown on the plans.

- c. Installation of the gravity discharge piping to connect the septage processing unit to the concrete holding tanks. The construction plan describes the 8" PVC gravity line to be provided. The 8" valves on the line shall be DeZurich cast iron plug valves. The location of the tank penetrations for this line must be coordinated by the contractor with the Contract #1 contractor. All tank penetrations must be sealed using link-seal or other approved method to prevent the release of gases from the tank into the building area.
- d. Installation of the septage receiving unit including all wiring and controls to provide a fully functioning system ready to process, control and manage septage.
- e. The City of Mt. Pleasant Building Inspector has determined that this structure can be designed as containing a non-explosive atmosphere.

Page 12 – ORP Device

An automatic sampling device shall not be provided under this contract.

**Delete the following:**

1. Auto sampler to sample every x number of gallons.

SCALE 1" = 10' FLOOR PLAN

NOTES:

CONTRACTOR TO SEAL JOINTS BETWEEN THE TANKS AND THE CONCRETE SLAB WITH CONCRETE JOINT SEALER.

CONTRACTOR SHALL INSTALL A 4" TRAP BETWEEN THE FLOOR DRAIN AND THE TANK.

PROP. 30' x 40' POLE BUILDING WINDOW (TYP)

PROP. PEX HEATING APPROX. 400'

PROP. 36" SERVICE DOOR (TYP.)

AIR EXCHANGE SWITCHES

PROP. 4" PVC CLEAN-OUT (TYP)

PROP. OVERHEAD DOOR (9' x 8')

PROP. 4" PVC FLOOR DRAIN (TYP)

2" WATER SERVICE PROP. OVERHEAD DOOR (8' x 7')

3/4" WATER SERVICES FOR EQUIP. WASH (2)

PROP. 3' x 3' ALUMINUM ACCESS HATCH (TYP.)

PROP. STAINLESS STEEL I-BOLT (TYP) MOUNTED INSIDE TANK

15' OF 3/4" WATER SERVICE WITH HOSE BIB

GENERATOR OUTLET (EXTERIOR) ELEC. SERVICE PANEL (INTERIOR)

PROP. 12,000 GALLON SEPTAGE TANKS (3) 10' x 16' x 10' DEEP

PROPOSED SEPTAGE RECEIVING EQUIPMENT

3/4" WATER SERVICE WITH HOSE BIB

PROP. 8" SDR 35 PVC PIPE @ 0.55% SLOPE AND 4-8" VALVES BY EQUIP. CONTRACTOR

AIR EXCHANGE SWITCHES

TRAP

PROP. CONTROL PANEL

2" ELEC. CONDUIT (TYP)

TRAP

PROP. 4" PIPING AND VALVES BY BUILDING CONTRACTOR

GENERATOR OUTLET (EXTERIOR) ELEC. SERVICE PANEL (INTERIOR)