

**19. Boiler Replacement – UW Fox Valley**

A. PROPOSED 2013 BONDING - \$240,000

B. PROJECT COSTS AND SOURCES OF FUNDS:

PROJECT COSTS:	2013	2014	2015	2016	2017	Total
Planning & design						\$ -
Land purchase						-
Construction						-
Equipment	480,000					480,000
Other						-
<b>Total costs</b>	<b>480,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>480,000</b>
<b>PROJECT FUNDS:</b>						
G.O. Bonds or notes	240,000	-	-	-	-	240,000
Outagamie County						
Share	240,000					240,000
Tax levy						-
Other						-
<b>Total funds</b>	<b>\$ 480,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 480,000</b>

C. DESCRIPTION AND JUSTIFICATION:

**Project Description:** Replace hot water boilers used to heat domestic water and to heat building. The current boilers were installed with original building construction in 1959. The current boilers are very inefficient and have required expensive repairs for several consecutive years.

**Relationship to other projects and plans:** This project is targeted to occur in 2013 at the same time as several state-funded energy conservation facility improvement measures are implemented. \$1.542 million has been requested from the state for these other improvement measures.

**Justification and alternatives considered:** The alternative to replacing the 50 year old boilers is continued need for repairs and the possible need for emergency replacement (neither of which are eligible for significant grant support).

**ANNUAL OPERATING IMPACT:** Since 2009 the counties have spent more than \$15,000 on repair and maintenance requirements to the boilers. As the equipment ages it should be expected that more frequent and expensive repairs to be required. New more energy efficient equipment will result in lower utility costs.

