



M E M O

Date: November 16, 2010
Project Name: Multnomah County Inverness Jail
Laundry Heat Recovery System
Project No.: 10-1050
To: Deb France
From: Scott Bevan, PE
Subject: Water Recycle & Heat Recovery Equipment Procurement
Distribution: Zach Pennell (OPD), PAE File

The intent of this memo is to provide a basic description of the laundry water recycle and heat recovery equipment proposed for the above referenced project, as well as justification for sole source specification for this equipment.

AquaRecycle System

The system effectively filters, cleans and sterilizes the wastewater coming from the existing washing machines, making the water suitable for re-use. This process inherently recovers the heat energy contained within the wastewater as well.

Reason for Sole Source Specification: We have researched the availability of this product from other manufacturers and have not found another system that is capable of performing these functions.

ThermalRecycle System

The equipment captures heat from the dryer exhaust and transfers it to the dryer intake air, effectively reducing the heat energy input required to reach the dryer operating temperature. This system is equipped with automatic features that prevent the heat exchanger from getting clogged with dryer lint.

Reason for Sole Source Specification: We have researched the availability of this product from other manufacturers and have not found another system that is capable of performing this function.