

PROJECT TITLE: Laramie County Community College**MEETING DATE:** 9/8/2005**LOCATION:** Jobsite**SUBJECT:** Controls Meeting

DID ATTEND	INITIALS	ATTENDEE NAME	COMPANY NAME
Y	BC	Bob Cox	Laramie County Community College
Y	HG	Harvey Ganzel	CW Industries
Y	JY	Jank Yavuzturk	University of Wyoming
Y	JMP	Jean Petkovsek	MKK Consulting Engineers
Y	MR	Matt Rausch	Air Comfort, Inc.
Y	NB	Nicole Buscher	Taylor Kohrs
Y	PF	Peter Failla	MKK Consulting Engineers
Y	PN	Phil Neal	Laramie County Community College
Y	SC	Seth Carson	Laramie County Community College
Y	SF	Steven Frederickson	CW Industries
Y	TM	Tim Macnamara	Laramie County Community College

00001 NEW

Meeting held to discuss temperature controls' scope of work and requirements by LCCC and UW (See attached meeting agenda)

00002 NEW

Current Control Package Scope - CW Industries (CWI) discussed their current scope of work for the controls package on the Albany Campus project. (See attached) It was discussed and determined that CWI's current scope of work will satisfy LCCC's requirements for facility maintenance, as well as their energy grant.

00003 NEW

Web Kiosk - LCCC inquired as to whether CWI output would be able to interface with a web-based Kiosk. CWI stated that it would and they could provide information on this interface.

00004 NEW

Condensate Overflow Alarm - LCCC noted that condensate overflow alarm is not included in CWI current package and they believe it to be necessary. It was discussed that the individual heat pump units have an internal condensate overflow alarm which will shut down the condenser on the heat pump and thus communicate this shut down thru the controls. A 'Condensate Overflow' alarm will not be sent thru the controls; however, the 'Shut Down' alarm will be transmitted so that a service tech can further investigate. LCCC agreed that this would satisfy their needs.

00005 NEW 9/30/2005 CWINDUST HG

Server Location - It was determined that the best location for the server receiving the control information would be Server Rm W112. LCCC needs to provide the hardware (server & monitor), CWI to provide requirements.

00006 NEW 9/23/2005 CWINDUST SF

UW Requirements - UW discussed their requirements, as outlined in the agenda and required with their grant. It was determined that the following items would need to be monitored, which are currently not included in CWI's scope. Items / Points to be monitored include the following: Fluid Flow, Temperature Sensors of the Fluid entering and exiting the heat pump, Temperature Sensors of the Fluid entering and exiting the building via the ground loop system, and energy consumption of the heat pumps and inline pumps. UW stated that the data's accuracy to be within 1/10 of a degree. CWI to price this equipment by providing Options A, B & C, as well as, separate individual pricing for UW's review. (See attached) CWI also noted that they will need copies of the submittals on Square D panels with energy consumption readings.

00007 NEW

Setpoint Local Adjustment - CWI inquired as to whether LCCC wanted local setpoint adjustments at this building. LCCC confirmed following the meeting that local setpoint adjustments are not to be included.

TAYLOR KOHRS

A TAYLOR Construction Group Company

MEETING MINUTES

No. DC-01

00008 NEW

Temperature & Solar Points - UW noted that all ambient temperatures/conditions, solar radiation intensities, and occupancy rates identified in the agenda are to be ignored as they will not be incorporated into the CWI temperature controls and will be supplied and installed directly by UW.

00009 NEW 9/30/2005 AIRCOMFO MR

2-Way & 3-Way Control Valves - CWI confirmed that only one (1) 3-Way control valve will be provided and all others will be 2-Way valves. The location of this 3-Way valve to be confirmed thru submittals.

This constitutes our understanding of the items discussed and the decisions will be considered accurate, barring notification within five working days.

Prepared By: Taylor Kohrs

Signed:


Nicole Buscher

Dated: 9/10/2005