

TAYLOR KOHRS

A TAYLOR Construction Group Company

MEETING MINUTES**No. OAC09****PROJECT TITLE:** Laramie County Community College**MEETING DATE:** 8/18/2005**LOCATION:** LCCC**SUBJECT:** OAC Meeting

DID ATTEND	INITIALS	ATTENDEE NAME	COMPANY NAME
Y	BC	Bob Cox	Laramie County Community College
Y	CB	Chuck Bohlen	Laramie County Community College
Y	EE	Eileen Ely	Laramie County Community College
Y	JH	Jerry Harris	Laramie County Community College
Y	NB	Nicole Buscher	Taylor Kohrs
Y	PN	Phil Neal	Laramie County Community College
Y	RK	Ralph Knox	Taylor Kohrs
Y	SC	Seth Carson	Bluefeather Design/Build Associates
Y	TL	Tim Laughlin	Midyette Architects

ITEM	STATUS	STARTED	DUE	BALL IN COURT
01-013	OLD		8/19/2005	LCCC SC

Energy Monitoring - LCCC has requested that Taylor Kohrs coordinate with Dr Jay Puckett at the University of Wyoming to allow monitoring of the building energy use and management systems once the project is complete. Taylor Kohrs to follow-up with Dr. Jay Puckett to provide requirements/goals.

(05/05) TK updated team on meeting with UW, see 5/4 e-mail. TK's noted concern regarding UW's grant money approved in time for project schedule. TK to provide plans, schedule, and milestone dates to UW for coordination of energy monitoring systems.

(05/19) TK noted that drawings and specifications were provided to UW (Cenk Yavuzturk) today. Schedule and deadlines to be e-mailed with Eileen Ely copied.

(06/03) LCCC stated that they have not heard back yet from UW. LCCC (Eileen) to follow-up and advise.

(06/16) UW is still waiting for the approval from the State. LCCC to continue to stay in contact with UW.

(08/04) LCCC stated that a meeting is scheduled for Tuesday 8/9 with LCCC (Seth), Ted, Fremont Electric and Pacific Power to discuss monitoring ideas.

(08/18) LCCC stated that the energy monitoring devices to be installed will not affect wall rough-in. LCCC to locate exterior wall sensors 08/19.

01-014	OLD		9/1/2005	LCCC SC
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Solar and Wind Design - Taylor Kohrs inquired as the status of design. LCCC stated that 'Ted' had preceded and would be complete by 05/06/05. Taylor Kohrs noted that conduit size and location will need to be identified at that time.

(05/05) TK to price 2 - 6" conduits from wind turbine to Elec Rm to Elec Meter.

(05/19) TK inquired as to whether 3 - 4" conduits could be installed in lieu of 2 - 6", as material is easier to come by. LCCC to follow-up on this as well as status of overall design documents.

(06/03) LCCC stated that 2- 4" conduits will be needed for the project. LCCC to be reviewing design next week.

(06/16) TK to provide pricing for associated conduits.

(07/07) TK submitted PCO #02 for approval. LCCC stated that design bid documents are to be completed in 1-2 weeks.

(07/21) LCCC (Seth) stated that design documents are complete and work to be bid out in the next 2 weeks.

(08/04) LCCC stated that a meeting is scheduled for Tuesday 8/9 with LCCC (Seth), Ted, Fremont Electric and Pacific Power to discuss monitoring ideas.

(08/19) LCCC noted that they are proceeding with City on the wind turbine design. LCCC also noted that the soil will need to be tested for foundation design. Wind Turbine work to cost approx. \$300,000.

ITEM	STATUS	STARTED	DUE	BALL IN COURT
02-001	OLD		8/24/2005	TAYKOHRS NB
<p>Geothermal Loop Field - Discussions were held regarding the design of the geothermal loop field. LCCC stated concern regarding the size of the current loop field design (180' x 330'), as it would hinder future expansion, as well as the associated construction costs for this system. It was determined that a conductivity test be performed to further investigate a vertical well system. BCL provided contacts to TK for them to use in contracting this work.</p> <p>(05/19) TK stated that Bergerson-Caswell, Inc (BCI) has been contracted for the conductivity test (CT). TK further noted that the 300' drill was completed today and that BCI will be on-site reporting conductivity starting Tuesday, 5/24.</p> <p>(06/03) TK noted that the CT report was sent to BCL today. LCCC stated that BCL believes the conductivity rating of 1.67 will allow for a vertical system more economical than the horizontal system. LCCC recommended TK contact Stu from Poudre Valley School District to discuss results of CT test and to get his input on the Geothermal system.</p> <p>(06/16) TK will be accepting design proposals over the next couple weeks, followed by a period for subcontractor bid pricing.</p> <p>(07/07) TK announced that MEP & Associates have been released to design for the vertical well field. Preliminary drawings and information will be given to TK next week.</p> <p>(07/21) TK presented preliminary design at meeting. TK noted that budget pricing is being requested while the design is being finalized.</p> <p>(08/04) TK stated that MKK and MEP to finalize loads and design next week, so that vertical system can be released for bid. TK hopeful to have bids by next meeting date. LCCC confirmed that they will proceed with geothermal system. LCCC stressed that bid needed to complete submittal to Wyoming Business Council.</p> <p>(08/18) TK stated that the design is complete and has been issued for bidding. TK solicited three (3) contractors to submit bids by Wednesday, 08/24. Bob Berry to assist with reviewing bids. Team also discussed City's concerns regarding contamination of their aquifer. LCCC to provide City with information thru Bob Berry.</p>				
02-004	OLD		8/25/2005	MIDYETTE TL
<p>Turner Tract Agreement - Midyette to provide updated drawings for LCCC's use in Turner Tract approval process. Signature lines to be provided on cover sheet.</p> <p>(05/19) LCCC provided approved driveway agreement to TK for their use. Approval of Turner Tract reviewed and LCCC agreed that the Turner Tract review and approval should occur prior to submitting to the City. Midyette to have documents ready for next scheduled OAC meeting. If acceptable, meeting will be scheduled with Turner Tract to review this document, as well as, wind and solar design.</p> <p>(06/03) Midyette delivered the documents for LCCC's review. Midyette also noted that the following are needed before meeting with the Turner Tract: Operational Plan, Intent of Use, and Solar & Wind site locations. LCCC (Seth) to follow-up on outstanding items so that Turner Tract meeting can be scheduled for next OAC meeting day.</p> <p>(06/16) LCCC provided Operational Plan, Intent of Use, and locations of wind turbine, anemometer tower and solar array. LCCC noted that the anemometer location may change based on guide wire requirements. LCCC to follow up on the angle of the guide wires needed. However, this information can be used to complete covenant documents. Design still needed for the bushes around the transformer. Midyette to finish designs and schedule Turner Tract meeting on the same day as next LCCC meeting, (07/07).</p> <p>(07/07) Doug Bryant, City of Laramie, stated the owner's association (LCCC, Laramie Rec Center & Farm Bureau) are to provide approval. Midyette stated that drawings are complete and that Operational Employee Plan will be revised and re-sent. Midyette to communicate with Farm Bureau and Laramie Rec regarding document approval.</p> <p>(07/21) Midyette will wait to hear more about budget changes on the exterior before submitting to the owner's association.</p> <p>(08/18) Midyette to finalize and distribute covenant documents with following revisions: Exterior veneer to consist of block, stone, stucco and recycled shingles. Monument sign to be deleted. Parking lot curb and gutter to be deleted and replaced with parking stops. Bldg address to be placed on building and facing Boulder Drive.</p>				
06-002	OLD			
<p>Permit Comments- Midyette stated that response to City's permit comments to be available next week for distribution. TK advised that City has approved revised utility and grading plan. Midyette noted that response to be submitted to City once Turner Tract agreement signed.</p>				
08-002	OLD		9/1/2005	TAYKOHRS NB
<p>Gas - LCCC (Seth) inquired as to whether gas service to the building would be necessary if the duct heaters were replaced with electric units. Midyette suggested bringing the gas to the outside of the building and not bringing it in until a later date because of difficulty running gas lines outside once all other utilities are in the ground. LCCC to follow-up with facilities on electric duct heaters and future need for gas.</p> <p>(08/18) TK to follow-up with Kinder Morgan on installation costs.</p>				

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MEETING MINUTES**No. OAC09**

- 09-001 NEW 9/1/2005 TAYKOHRS NB
Energy Grant - LCCC advised that the DOE has requested additional information regarding the variance letter. TK to provide square foot costs for standard construction. These costs to be updated from 2004, when grant was submitted, but provided in similar format.
- 09-002 NEW
Power - LCCC confirmed that the temporary and permanent power agreements have been signed and returned to Pacific Power.
- 09-003 NEW 9/1/2005 TAYKOHRS NB
Science / Art Lab - TK inquired as to how they are to proceed as the funds approved by LCCC do not cover the costs to complete the Science Lab as designed. TK directed to provide a working lab.
- 09-004 NEW
Schedule - TK discussed the project schedule, noting the following: SIPS panels complete, metal stud framing - 90% complete, electrical and plumbing rough-in - 65% complete. Ballasted roof approx. 2 weeks out.
- 09-005 NEW 9/1/2005 LCCC JH
Sculpture - LCCC advised that the college will be working directly with the donor on the sculpture design from this point further. Midyette noted that the donor had contacted J Midyette personally in June and requested to work directly with Midyette. LCCC to follow-up and asked TK/Midyette to hold on any further design.
- 09-006 NEW
Contracts - LCCC inquired as to contracts which had been released. TK stated that the following scopes of work were released 08/27 - B&W Glass (Glass & Aluminum), Douglass Roofing (Ballasted Roof), Ahrenholtz (Masonry & Stone), and Air Comfort (HVAC). LCCC advised TK to keep close watch on Douglass as they have had problems in the past.
- 09-007 NEW 8/22/2005 LCCC SC
Light Monitor - TK requested confirmation that the light monitor was staying in the project. This item was included with the energy grant. LCCC to review and respond to TK by 08/22.
- 09-008 NEW 9/1/2005 LCCC SC
Owner Supplied Equipment - TK noted that RFI #09, Smart Board and Projector Blocking, was still outstanding. TK also asked that LCCC notify TK by the end of August if any other owner supplied equipment needs blocking.

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: 8/24/2005