



**PECK FLANNERY GREAM WARREN
ARCHITECTS, LLC**

Larry Gream, Architect

July 12, 2012

Gary Milby, Associate Superintendent
Hardin County Board of Education
65 W. A. Jenkins Road
Elizabethtown, Kentucky 42701

RE: Central Hardin High School
HVAC Renovations Phase 3
PFGW Project # 1104
DOE BG # 11-289

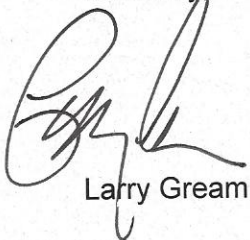
Dear Gary:

Attached is a table giving issues, events and narrative relating to the main gymnasium ductwork.

At present we have a proposal from Knight's Mechanical in the amount of \$46,283.60 based on attached drawing from ShroutTateWilson. Both Ralph Wilson and I recommend acceptance of this proposal. Also attached is an email from Jeremy Knight asking for seven weeks extension in time to the contract.

Please give me a call if you have questions regarding this transmittal.

Sincerely,



Larry Gream

Central Hardin High School - HVAC Phase 3 Renovations Main Gymnasium Ductwork and HVAC Issues, Events and Narrative

July 14, 2012

Date of event	Action	Proposal Cost	Narrative
June 7	Knight's Mechanical discovered that existing ductwork in main gymnasium was not insulated and relayed information verbally to architect.		Architect informs mechanical engineers of condition.
June 11	ShroutTateWilson sent direction to insulate all existing ductwork and round duct run outs in the main gymnasium.		Mechanical engineers shocked to learn that the existing ductwork was not insulated.
June 19	Received from Knight's Mechanical first proposal by email from Brian Clark.	\$185,000.00	Mechanical engineers, architect and owners representatives felt that this cost was high in relationship to work involved.
June 21	Progress meeting held at the project site.		Discussion held after progress meeting to determine the various elements relating to the first proposal and the impact on time line of project. ShroutTateWilson was asked by owner represents and architect to look at other viable options to insulating ductwork.
July 2	ShroutTateWilson sent a revised scheme that provided supply air from the perimeter and revised the return air grills layout.		
July 3	Received from Knight's Mechanical second proposal by email from Brian Clark.	\$122,489.40	Second proposal sent to Ralph Whitney for review. He felt the proposal was too high.
July 5	Progress meeting held at the project site.		Jeremy Knight explains basis of second proposal. Brandon Cecil of STW reviews existing condition with Knight's Mechanical and relays information to Ralph Whitney
July 10	ShroutTateWilson issue drawing for a third proposal. They had been in communication with Knight's Mechanical since July 5 th to develop the third design.		
July 11	Knight's Mechanical forward by email third proposal	\$46,283.60	Mechanical engineer and architect review the third proposal and recommend acceptance.

KNIGHT'S MECHANICAL

270-765-4141, FAX 270-862-3374
4250 LEITCHFIELD RD.
CECILIA, KY 42724

CHANGE ORDER PROPOSAL

ATTN: LARRY GREAM

07-11-12

RE: CENTRAL HARDIN HIGH SCHOOL (SECONDREVISED GYM DUCT LAYOUT)

ITEM #1

THE INSTALLATION OF THE RETURN AIR GRILLES IN THE MIDDLE OF THE GYM AS SHOWN IN THE DRAWING, IN LIEU OF ON PERIMETER AS SHOWN ON CONTRACT DOCUMENTS.

- **THE DIFFUSERS ARE ALREADY PART OF THE CONTRACT SO THEY WILL BE A WASH AS WILL LABOR. PRICE TO PROTECT FLOORING (SEE BELOW).**

ITEM #3

A CREDIT SHALL BE LISTED FOR DELETING RETURN AIR DUCT WORK, RETURN AIR RUN-OUTS AND INSULATION.

- **CREDIT FOR MATERIAL** (\$ 900.00)
- **CREDIT FOR LABOR 142 HRS @ \$ 50.00 PER HR** (\$ 7,100.00)
- **CREDIT FOR INSULATION** (\$ 1,356.00)

ITEM #4

A CREDIT SHALL BE LISTED FOR DELETING SUPPLY AIR DUCTWORK THAT CONNECTS INTO EXISTING DUCT AS SHOWN IN ORIGINAL CONTRACT DOCUMENTS AND INSULATION.

- **CREDIT FOR MATERIAL** (\$ 1,060.00)
- **CREDIT FOR LABOR 166 HRS @ \$ 50.00 PER HR** (\$ 8,300.00)
- **CREDIT FOR INSULATION** (\$ 6,480.00)

OTHER ITEMS

- **ADDITIONAL GRDS, SPIRAL PIPE & FLEX** \$ 15,450.00
- **ADDITIONAL LABOR FOR SPIRAL, FLEX & DIFFUSERS 160 HRS @ \$ 50.00 PER** \$ 8,000.00
- **ADDITIONAL INSULATION** \$ 19,162.00

KNIGHT'S MECHANICAL

270-765-4141, FAX 270-862-3374

4250 LEITCHFIELD RD.

CECILIA, KY 42724

CHANGE ORDER PROPOSAL

- ***COST FOR NEW CEILING WORK AND FLOOR PROTECTION***
\$ 24,660.00

<i>COR COST</i>	<i>\$ 42,076.00</i>
<i>OVERHEAD AND MARKUP @ 10%</i>	<i>\$ 4,207.60</i>
<i>TOTAL COR COST</i>	<i>\$ 46,283.60</i>

WE WILL NEED AN ADDITIONAL (7) SEVEN WEEKS FROM THE TIME THIS PROPOSAL IS ACCEPTED.

Larry Gream

From: Brandon Cecil [brandon.cecil@stweng.com]
Sent: Wednesday, July 11, 2012 10:57 AM
To: 'Larry Gream'; 'Gary Milby'
Cc: 'Wyatt, David'; 'Rusty Taylor'; 'Ralph Whitley'
Subject: RE: CHHS - Gymnasium ceiling

All,

Ralph and I have reviewed the cost for the new duct layout per Knight's Mechanicals proposal.

It is our recommendation to accept this proposal amount for the mechanical portion of the Gym duct revision.

Thanks

Brandon Cecil
LEED® AP BD+C
Mechanical Project Manager

SHROUT TATE WILSON *Consulting Engineers*
MECHANICAL • ELECTRICAL
628 WINCHESTER ROAD • LEXINGTON, KY 40505
PHONE : 859-277-8177 • FAX: 859-277-8372



From: Larry Gream [mailto:lgream@pfgw.org]
Sent: Wednesday, July 11, 2012 9:27 AM
To: Gary Milby
Cc: Wyatt, David; Rusty Taylor; Ralph Whitley; Brandon Cecil
Subject: CHHS - Gymnasium ceiling

To All:

I have reviewed the cost for new ceiling work and floor protection in the amount of \$24,660.00 per the July 11 Knight's Mechanical proposal.

It is my recommendation to accept this proposal amount (ceilings and floors). As we learned last week a certain amount of the cost is associated with this portion of the work is assumption of responsibility for floor and/or ceiling protection during the modified work efforts in addition to the actual labor and materials.

Ralph and Brandon I am sure will weigh in on the mechanical side of the issue.

Larry Gream

From: Brian C [mailto:brianc@knightsmechanical.com]
Sent: Wednesday, July 11, 2012 8:32 AM
To: 'Larry Gream'

FIRST FLOOR PLAN - AREA 'A' - MECHANICAL GYM REVISION