



## Addendum No. 1

Page 1 of 2

**DATE:** February 4, 2016

Joliet Junior College  
1215 Houbolt Road  
Joliet, IL 60431

**TO:** Prospective Bidders  
**SUBJECT:** Addendum No. 1  
**PROJECT NAME:** Physics Lab Renovation  
**JJC PROJECT NO.:** B16002

This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding document as posted on the JJC website. Acknowledge receipt of this addendum in the space provided on the Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

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### **Supplemental Information:**

1. Bidding contractors are invited back for a walk-thru of the existing lab on Friday, February 5<sup>th</sup> at 1:15pm. Contractors should come to the facilities building where the pre-bid meeting was held. We will leave for the lab at 1:20. This walk-thru is not mandatory.
2. Photos of the existing lab have been provided with this addendum.

### **Questions Submitted:**

1. Page 12 35 53.19-4, Section 2.03.B.1.a. calls for the exposed material to be Red Oak. Section 2.03.B.2.c. calls for the exposed material to be White Maple. Which material should we figure?  
**Change the following spec sections to read:**  
**2.03.B.2.c**     **Replace "white maple (no heartwood)" with "Red Oak"**  
**2.03.E.2.a**     **Replace "Timberline" with "National"**
2. When is this project expected to install? Is it correct to have the install hours after 10pm?  
**Contractors should plan to begin the submittal process and procurement process based on dates outlined in the pre-bid agenda. Actual construction can begin May 18<sup>th</sup>. The "install" of any items can begin anytime within the time frame of construction of May 18<sup>th</sup> with substantial completion by July 20<sup>th</sup>.**
3. Drawing #3 on page A320 shows the instructor station to be section 8 on A321. I believe this should be section 9/A321. Are there any long tables in this job (see sec 8/A321)?  
**On dwg A320, the circle around the instructor station on New Work Floor Plan 3 should refer to detail 9 on A321 rather than 8 on A321. The circle around the lab table on New Work Floor Plan 3 A320 should refer to detail 8 on A321 rather than 7 on A321.**

4. Drawing p321 shows ceiling areas in room E1037A that need to be removed to facilitate the plumbing work.
  - a. Do these need to be replaced back daily?  
***No, they can be replaced when work above the ceiling is complete. However, the area needs to be kept in a clean condition for classroom use at all times.***
  - b. Do we need to build dust tight perimeter barriers enclosing these areas?  
***The contractor is expected to keep dust down to a limited basis. The means and methods of this protection is the responsibility of the contractor. The contractor will be required to keep corridor floors clean of dust footprints at the end of each day as necessary.***

**End of addendum #1**

What is it?  
When can you  
use it?  
How is it used?

Velocity  
acceleration  
max height?  
Time taken to return to ground?

Projectile motion  
Strongly dependent on  
initial velocity and launch angle  
range, max height

Range  
max height

IF I HAVE IT BY HAND IT IS IN MY HAND IF I DON'T HAVE IT I DON'T HAVE IT









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- Clarity
- Accountant
- Profit margin
- Start-up
- Investment

Handwritten notes on the right blackboard:

- Handwritten text, possibly including "Profit margin" and "Start-up".



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EXIT

FIRE  
BLANKET

70

Handwritten notes on bulletin board

Handwritten notes on bulletin board











studente 2000

2000  
2000  
2000  
2000











$x = \dots$   
 $t = \dots$   
 $t = V_{ox}$

$$\cos \theta = \frac{V_{ox}}{|V_o|}$$
$$\frac{1.3 \text{ m} / 1.25 \text{ s}}{\cos 33^\circ} = 1.27 \text{ m/s}$$















IF I HEAR IT  
I'LL FORGET IT  
IF I SEE IT I'LL  
REMEMBER IT  
IF I DO IT I'LL  
UNDERSTAND  
IT





