

MSD Team 12556  
Forging Locator  
Sample Email Exchange  
MSD II

**March 22, 2012**

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Kevin,

Attached is a power point of the drawings they wanted. Let me know what you think of it and if i should add anything.

There are a few things i will address:

- The placement of the sensor doesn't need to be exactly lined up (parallel) to the die, the sensors will take care of the alignment
- The sensor looking at the billet will need to have a smaller telescoping frame so the two sensors on the same track can look at the die, determine the angle offset from the initial placement, and incorporate the offset in all measurements. Once the offset is determined, then the sensor can be raised to observe the billet.
- WE need to re-iterate the system uses Lasers... not Cameras ( just a note from last meeting)

I can add the comments to an added slide at the end of these two for clarity on their part.

-Mark G.

**March 23, 2012**

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Daren,

Attached is the revised power point, a bulleted pdf expressing the three different options, and a scheduling that corresponds with the options.

In aspect to Plan B, it is going to cost about \$6000. I assume the time for obtaining the budget is shorter. The amount of time we would have is 6 days from next Friday (3/30), as referenced MSD II Schedules document.

If you have any questions, feel free to call me at any time (\*\*\*)

Thanks and Regards,  
Kevin Conway  
Team 12556

**March 28, 2012**

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Professor,

Option A Prototype has been approved for \$19,188.91. Can you send me a detailed official quote - an independent copy of the BOM will suffice on University. And I need to know exactly who the PO will be made out to. Once we receive the quote, we need to do some administrative work to set you up as a vendor and then write a PO. I assume that process will take 3-4 business days from receipt of your quote. Payment terms will be 30 days.

Call me if you have any questions.

Regards,

Daren Eroh  
Manger, Product Engineering  
Wyman-Gordon/Grafton, a PCC Company

**March 28, 2012**

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Wow. That was unexpected.

I guess we proceed now. Can we get together tomorrow for 15 minutes and get things rolling? We need to figure out the schedule implications of this.

Sorry, you guys are now back on the hook for a lot of work to do, and somewhat less time to do it. But I think this is the record for the most expensive senior design project budget ever.

Dr. Alan D. Raisanen  
82 Lomb Memorial Drive  
17-2515 Micro  
Rochester, NY 14623

**April 24, 2012**

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Hey guys,

Good news. Both the MiniTec and all 6 lasers came in today. Kevin and I put all the stuff up in the senior design lab on the 3rd floor. The MiniTec stuff was too big for lockers so it is just sitting under the bench. (The room is access controlled so it is relatively secure). The lasers are in the lockers in the same lab. Everyone on the team should have access to the lab and the locker combination is in a previous email I sent out.

Please send out an email if you are taking one of the lasers out of the lab so that way we can keep track of them and always lock them back up when you are finished with them.

Robert Hagen

**April 25, 2012**

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Hey everyone,

There will be a workshop for our final paper next Friday (5/4), so let's get a rough copy of our paper done by then. Jorge is going to give out some assignments by this week. We all know our own systems, so everyone do your part of a rough draft quality.

Thanks people,  
K-Con

**April 25, 2012**

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Guys,

I will be sending a template by the end of the day with an example attached too. So that everyone can write a part that they know more off. I only need to add our table with engineering specs required by WG.

Thanks,  
Jorge