



## *Wadesboro Fire Department*

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*Wadesboro, NC 28170*

**Marc Sessions, Chief**

**January 3, 2018**

**To: Alex Sewell  
Town Manager**

**From: Chief Sessions**

**Ref: Epoxy Flooring Preparation**

Alex

As you are aware, the Town Council graciously agreed to approval for applying an epoxy finish. In preparation, we begin the process of grinding the floor and determined that the grinder will not suffice or handle the job. We have consulted with PPG and MCT regarding the reason the grinder will not work. There are 2 possible reasons: A) the grinder is not strong enough or B) the sealant applied while pouring the concrete has not dissipated.

The solution will be to hire an outside contractor to complete the grinding. This process is known as shot-blasting and diamond grinding. I have supplied two quotes for your review. Cross Coatings was the lowest bid. They were recommended by Mr. Joe Sikes, Addison Moore & Son. Their price was \$ 4,305.00 to grind 5,740 square feet of floor. Our staff and volunteers will still apply the epoxy. PPG will be supplying the epoxy and materials. I have arranged for PPG to send a trained technician and personnel they are training to assist us. There will not be any cost associated with PPG sending their trainer and new employees. In addition, Lilesville FD used Cross Coatings when they built their station without any issue.

Carolina Floor Coatings submitted a quote of \$ 5,470 to grind 5,740 square feet. Carolina Floor Coatings will require a 50% deposit prior to beginning any services. Each vendor has indicated that moving the apparatus onto the concrete will likely create higher cost due to fluid contamination requiring more detailed grinding.

It is my belief that an epoxy finish is still the very best option for a long-term sustainable facility. Thank you for your review and consideration.

**ATTACHMENT D  
JANUARY 8, 2018 MINUTES**